July 23, 2024

Mr. Steven Scharf, P.E.
Project Engineer, Division of Environmental Remediation
New York State Department of Environmental Conservation
Remedial Bureau A
625 Broadway, 12th Floor
Albany, New York 12233-7015

RE: OU-2 May 2024 Groundwater Monitoring Report
Former Friedrichsohn Cooperage Site
153-155 Saratoga Avenue, Waterford, New York
NYSDEC Site No. 546045
CHA Project Number: 060017.000

Dear Mr. Scharf:

CHA Consulting Inc. (CHA) has prepared this letter report to summarize the activities and findings associated with the May 2024 groundwater monitoring event following remedial construction activities associated with the Former Friedrichsohn Cooperage Site in Waterford, New York (Site). This event represents the third monitoring event since the completion of the remediation associated with Operable Unit (OU) Nos. 1 and 3. Figure 1 depicts the general vicinity of the Site. The groundwater monitoring event was completed in accordance with CHA's *Former Friedrichsohn Cooperage OU-2 Groundwater Monitoring Plan*, dated July 5, 2022, and approved by the New York State Department of Environmental Conservation (NYSDEC) in its letter dated July 12, 2022.

GROUNDWATER SAMPLING METHODS

The current groundwater monitoring well network consists of seven monitoring wells installed in the fall of 2022 and spring of 2023 (MW-100, MW-101B, MW-102, MW-102B, MW-103, MW-103B, and MW-104) and two previously installed monitoring wells (wells MW-2 and MW-2S) located on the northwest side of Saratoga Avenue (in the parking lot of St. Peter's Health Partners Waterford Health Center located at 158 Saratoga Avenue). In addition to the current monitoring well network, monitoring wells MW-12S and MW-13S located east of the Old Champlain Canal (OCC) on the Mohawk Paper property were sampled for VOCs only during the May 2024 event per the request of the NYSDEC on February 20, 2024, during a meeting to review the October 2023 results.

CHA conducted the second quarter 2024 groundwater sampling event on May 14 and 15, 2024. Before purging and sampling, the depth to water was measured at each groundwater monitoring well to the nearest 0.01 foot with a Heron Instruments Inc. water level meter. Purging and sampling of the monitoring wells were conducted using a submersible pump capable of low-flow, minimal drawdown purging, and sampling. Field water quality parameters including pH, temperature, turbidity, dissolved oxygen, specific conductance, and oxidation-reduction potential (ORP) were measured using a Horiba U-52 multiparameter water quality meter equipped with a flow-through cell and recorded in Table 1. After three consecutive readings where the water

parameters were stabilized according to the work plan, a groundwater sample was collected from dedicated tubing within each well.

Following the NYSDEC's review of the May 2023 Groundwater Monitoring Report and the elevated metal concentrations in the samples, the Department requested CHA to field filter the groundwater samples for dissolved metals analysis in addition to collecting samples for analysis of total metals. Generally, turbidity was found to be lower during the October 2023 monitoring event and all wells were able to be sampled when turbidity was below 50 nephelometric turbidity units (NTUs) except for monitoring well MW-102B. While the dissolved metal concentrations were generally less than the total metal concentrations, many of the same metals remained at concentrations above the *Technical and Operational Guidance Series [TOGS] 1.1.1 Ambient Water Quality Standards [AWQS] and Guidance Values.* Therefore, the analysis of dissolved metals was not repeated for the May 2024 monitoring event, except analysis of dissolved iron which is a requirement of the July 2022 groundwater monitoring work plan.

Following collection, the groundwater samples were packed into coolers with ice and transported to Pace Analytical Services, LLC (Pace), which is certified under the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP). The water samples were submitted to the laboratory for the following analyses:

- Volatile Organic Compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260C;
- Semivolatile Organic Compounds (SVOCs) via EPA Method 8270D;
- Polychlorinated Biphenyls (PCBs) via EPA Method 8082;
- Target Analyte List (TAL) Total Metals via EPA Methods 6010/7471;
- Dissolved Iron via EPA Method 6020;
- Total Organic Carbon (TOC) via EPA Method SM2320;
- Nitrate via EPA Method 353.2;
- Alkalinity via EPA Method 2320;
- Ammonia via EPA Method 350.1; and,
- Sulfate via EPA Method 9038.

For quality assurance purposes during the May 2024 event, one blind duplicate (CHA-1-20240515) was collected from monitoring well MW-103, and a matrix spike/matrix spike duplicate (MS/MSD-20240515) sample set was collected at monitoring well MW-103B. Additionally, one trip blank was prepared by the laboratory and accompanied the sample containers throughout the sampling and transport processes for analysis of VOCs only.

After the completion of the groundwater sampling activities on May 15, 2024, CHA collected a sample of the drummed purge and decontamination water (WC-1-20240515). The sample was submitted to Pace for waste disposal characterization purposes. Based on the analytical results, the groundwater was managed as non-hazardous waste. Following the completion of the third quarter monitoring event scheduled for October 2024, CHA will also collect a sample of the investigation-derived waste (IDW) drum for waste characterization purposes. Assuming the drummed water is determined to be non-hazardous, CHA will provide the analytical results to

Corbett Industrial Cleaning Services, Inc. (Corbett) for waste profiling and scheduling of a pickup of both drums for offsite disposal.

GROUNDWATER FLOW DIRECTION

At the request of the NYSDEC, CHA retained a New York State-licensed land surveyor to survey the location and elevations (top of risers and casings) of the current monitoring well network and two wells located on the Mohawk Paper property. As shown on Figure 2, the shallow groundwater flow direction appears to be towards the south-southeast towards the Mohawk River. Although the OCC was full at the time of the monitoring event, there was no obvious influence on the groundwater flow direction from the canal. The groundwater contours indicate a low point near well MW-13S on the Mohawk Paper property, but the water elevation at this location appears anomalous given that the well has not been operated as an extraction well.

The data for the bedrock wells was inconclusive with only three monitoring points. Although there appears to be a gradient to the east-southeast between wells MW-2 and MW-102B, the gradient between wells MW-102B and MW-103B is reversed to the north. The erratic groundwater elevations in the bedrock wells are likely due to the different fracture intervals that are screened in the wells.

ANALYTICAL RESULTS

The groundwater monitoring results were compared to the TOGS 1.1.1 AWQS and guidance values and are presented in Table 2. The full laboratory analytical report is included in Attachment 1. The location of each monitoring well in addition to detected PCB, VOC, and SVOC parameters that exceed the AWQS are displayed in Figures 3 through 5, respectively. Note that the data qualifiers discussed in the following sections and presented in Table 2 incorporate third-party data validation by Alpha Geoscience of Clifton Park, New York. Data qualified with a "J" indicates an estimated value at a concentration between the method detection limit and the reporting limit. Other qualifiers are defined in Table 2. The Data Validation Report is included in Attachment 2.

Upgradient Monitoring Wells

Two monitoring wells, MW-2 and MW-2S, are located across Saratoga Avenue, adjacent to the roadway and parking lot for Waterford Health Center, and serve as upgradient monitoring wells. In summary:

- **PCBs:** No detections of PCBs exceeded their respective AWQS in the upgradient monitoring wells.
- **VOCs:** No detections of VOCs exceeded their respective AWQS in the upgradient monitoring wells.
- **SVOCs:** Two SVOCs, benzo(a)anthracene and benzo(b)fluoranthene, were detected in the water sample collection from well MW-2 at concentrations above the AWQS. However, both results were J-qualified, indicating that the results are estimated values as the results were detected at a concentration above the method detection limit (MDL) but below the reporting limit (RL). Several polynuclear aromatic hydrocarbons (PAHs) were detected in well MW-2S at concentrations above the AWQS. While there was insufficient water in well MS-2S to collect a sample in October 2023, the results were similar to those detected in the sample collected in May 2023.

- **Metals:** Multiple total metals were detected in exceedance of their respective AWQS in the upgradient monitoring wells. In well MW-2, iron, manganese, and sodium were detected at a concentration over their AWQS. In well MW-2S, cadmium, chromium, iron, lead, manganese, mercury, selenium, sodium, and thallium were detected at a concentration above their respective AWQS. While the number of metals detected at a concentration above the applicable AWQS increased between the May 2023 and May 2024 monitoring events, the turbidity of the May 2024 sample was less than 10 NTUs while the measured turbidity of the May 2023 sample was approximately 30 NTUs. Therefore, this change is not solely related to the turbidity of the samples. That said, the detection of metals is not unexpected for groundwater in urban environments, particularly of total sodium in monitoring wells adjacent to roadways and parking lots. These parameters are not considered Site contaminants of concern and were not targeted for remediation of OU-1 and OU-3.

On-Site Monitoring Wells

Four monitoring wells are located on the Former Friedrichsohn Cooperage property and consist of the overburden monitoring wells MW-100, and MW-102 and the bedrock monitoring wells MW-101B and MW-102B.

- **PCBs:** PCBs were not detected in the on-site monitoring wells during the May 2024 monitoring event.
- **VOCs:** No VOCs were detected in the on-site monitoring wells, except for bedrock monitoring well MW-102B. Specifically, the VOCs cis-1,2-dichloroethene and vinyl chloride were detected at concentrations of 61 µg/L and 420 µg/L, which is excess of their AWQS of 5 µg/L and 2 µg/L, respectively. The same VOCs were found in excess of the applicable AWQS at similar concentrations during the May 2023 and October 2023 sampling events. In a review of the June 2017 groundwater monitoring data (samples collected by others), there were no monitoring wells in the vicinity of well MW-102B to compare historical VOC concentrations.

  Historically, VOCs detected in the former on-site monitoring wells included benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX) with lower concentrations of trichloroethene. Trichloroethene can be reduced under natural conditions to daughter products including cis-1,2-dichloroethene and vinyl chloride. Generally, the results of the May 2024 monitoring event having no detections of BTEX compounds and the presence of daughter products of trichloroethene suggests the remedy was successful and monitored natural attenuation is occurring at the Site. Again, VOCs were not detected in exceedance of the AWQS in the other on-site monitoring wells and the only exceedances were detected in one bedrock monitoring well.
- **SVOCs:** No SVOCs were not detected in exceedance of AWQS in the on-site monitoring wells. A low concentration (below the AWQS) of 2-methylnaphthalene was detected in bedrock well MW-102B, and low concentrations of naphthalene were detected in wells MW-100 and MW-102B. Additionally, the SVOCS acenaphthene, anthracene, naphthalene, and phenanthrene were detected at low-level concentrations qualified with a “J” indicating the reported concentrations are estimated.
- **Metals:** Multiple total metals and dissolved iron were detected in exceedance of their respective AWQS in the on-site monitoring wells. The metals detected in excess of the AWQS during this event were generally similar to those from the October 2024 event. However, as noted previously, metals are not considered Site contaminants of concern.

Southeast Side of Canal Monitoring Wells

Three monitoring wells, MW-103, MW-103B, and MW-104, are located on the southeast side of the Old Champlain Canal, with wells MW-103 and MW-104 being overburden monitoring wells and well MW-103B being a bedrock monitoring well.

- **PCBs:** The PCB Aroclor 1242 was detected at concentrations of 2.15 µg/L, 0.571 µg/L, and 1.02 J+ µg/L compared to the AWQS of 0.09 µg/L in monitoring wells MW-103, MW-103B, and MW-104, respectively. The results were slightly lower than the concentrations detected in the samples collected during the October 2023 monitoring event.
- **VOCs:** VOCs were detected exceeding their respective AWQS only in overburden well MW-104 located on the southeast side of the canal, which include:
  - Benzene at a concentration of 1.3 J µg/L, compared to an AWQS of 1 µg/L.
  - Chlorobenzene at a concentration of 15 µg/L, compared to an AWQS of 5 µg/L.
  - Cis-1,2-dichloroethene at a concentration of 820 µg/L compared to an AWQS of 5 µg/L.
  - Vinyl chloride at concentrations of 450 µg/L, compared to an AWQS of 2 µg/L.

  The presence of cis-1,2-dichloroethene and vinyl chloride with a highly negative oxidation-reduction potential (ORP) measured in the field suggests that natural biodegradation is occurring near well MW-104.
- **SVOCs:** No SVOCs were detected in exceedance of AWQS in the southeast side of the canal monitoring wells.
- **Metals:** Multiple total metals and dissolved iron were detected in exceedance of their respective AWQS in the southeast side of the canal monitoring wells. The metals detected over the AWQS during this event were generally similar to those from the October 2023 event. However, as noted previously, metals are not considered Site contaminants of concern and were not targeted for remediation.

Wells on Mohawk Paper – MW-12S and MW-13S

Monitoring wells MW-12S and MW-13S located on the property of Mohawk Paper adjacent to the monitoring wells on the southeast side of the canal were sampled during the May 2024 event and analyzed for VOCs, at the request of the NYSDEC. As indicated in Table 3, a few VOCs were detected but none of the detected VOCs were present at concentrations exceeding their respective AWQS in the Mohawk Paper monitoring wells.

QA/QC Sampling and Data Validation

As previously noted, QA/QC sampling efforts included one blind duplicate (CHA-1-20240515), matrix spike and matrix spike duplicates (MS/MSD), and a trip blank accompanying the samples throughout the sampling and transport process. A Data Usability Summary Report (DUSR) was prepared by a third-party data validator, Alpha Geoscience, and is included in Attachment 2. The following observations were made concerning the QA/QC samples:

- The VOC result for vinyl chloride in sample MW-102B was quantitated using data that was extrapolated beyond the highest calibration standard and flagged E by the Pace analytical in the undiluted sample. This sample was diluted with a dilution factor of 1 and reanalyzed to be a J qualifier, which indicates the compound was analyzed for but was not detected.

- The positive volatile result for the parameter acetone was J qualified for samples MW-103B and MW-13S because the relative percent difference for acetone was above the allowable maximum limits in the laboratory control sample and laboratory control sample duplicate.
- The non-detected semivolatile parameter for carbazole was qualified UJ for sample MW-103B because the percent recovery for this parameter was below the quality control limits but not below the 30 percent limit in the MS/MSD sample.
- The positive PCB result for the parameter Aroclor 1242 was qualified as J+ for sample MW-104 because the relative percent difference Aroclor was above the allowable maximum limit but not above 70 percent and higher results were reported.
- The positive metal results for magnesium and potassium were qualified J for all 10 of the groundwater samples and the duplicate sample because the percent differences for magnesium and potassium were above the allowable maximum in the associated diluted sample and the results were above the reporting limit.
- The positive metal result for the parameters aluminum and barium were qualified J for sample MW-103 because the relative percent differences for these parameters were above the allowable maximum limit in the field duplicate.
- For quality assurance /quality control purposes, a blind field duplicate sample, designated CHA-1-20240515, was collected from well MW-103 during this event. A relative percent difference (RPD) of less than 20 percent for reported concentrations of parameters between the original sample and the duplicate is considered acceptable. Most RPDs were within 20 percent, except for a few metals. Specifically, the results of the duplicate analysis for this event indicate that the RPDs for metal parameters were aluminum, barium, and manganese were up to 40 percent. However, the data was still considered comparable considering the results are in parts per billion (ppb).
- Along with the quality assurance /quality control samples, a trip blank accompanied the samples during the transportation process. No VOCs were detected in the trip blank.

One parameter in a limited number of samples was rejected during the data validation process, as discussed below:

- The non-detect SVOC result for 3,3-dichlorobenzidine was qualified as “rejected, unusable” (R) for sample MW-103 because the percent recoveries for 3,3-dichlorobenzidine were below quality control limits and below 30 percent in the aqueous MS/MSD sample.

Changes to the qualifiers by the data validator were incorporated into Table 2 and signified by *italicized* values. Generally, the data were found to be acceptable and usable by the data validator with the changes to the qualifiers associated with a higher level of quantitative uncertainty and the rejected data discussed above.

CONCLUSIONS AND RECOMMENDATIONS

The results of the May 2024 sampling event indicate low levels of PCB, VOC, SVOC, and metal compounds in the groundwater remain post-remediation. However, compared to pre-remediation sampling, the concentrations are generally lower and most of the exceedances were in the bedrock or on the southeast side of the canal where active remediation was not performed. That said, the lower concentrations of the contaminants of concern in the bedrock water-bearing zone

suggest that the remediation has had a positive impact on the bedrock water-bearing zone. Additionally, the analytical results for the wells on the Mohawk Paper property located east of the OCC indicate that the VOC contamination observed near well MW-104 is not migrating significantly downgradient. CHA will continue to monitor the Site in accordance with the *Former Friedrichsohn Cooperage OU-2 Groundwater Monitoring Plan.*

The next sampling event is scheduled to occur in the fourth quarter of 2024. A letter report summarizing the results will be submitted following receipt of the data and the DUSR. CHA also intends to complete a more detailed evaluation of the groundwater quality and the effectiveness of monitored natural attenuation (MNA) at the Site during the second half of 2024 following the discussion of the May 2024 results with the Department and authorization of our clients.

If you should have any questions or require additional information, please feel free to contact Scott Smith at (315) 257-7227 or ssmith2@chasolutions.com.

Sincerely,

Andrew Hodgens
Scientist II

Scott M. Smith, P.E.
Vice President

AH/sms

Attachments:

Table 1:	Field Water Quality Parameters During Groundwater Purging
Table 2:	May 2024 Groundwater Monitoring Results (Detections Only)
Table 3:	May 2024 Groundwater Monitoring Results (VOCs for MW-12S & MW-13S)
Figure 1:	Site Location Map
Figure 2:	Groundwater Contour Map – Overburden Wells
Figure 3:	Groundwater Results – PCB Exceedances
Figure 4:	Groundwater Results – VOC Exceedances
Figure 5:	Groundwater Results – SVOC Exceedances
Attachment 1:	Analytical Laboratory Report
Attachment 2:	Data Validation Report

ecc: John Swartwout – NYSDEC
James Johnson – SI Group, Inc.
Bob Gibson – GE
Keith Cowan – CHA

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TABLES

Table 1.
May 2024 Groundwater Monitoring Event
Field Water Quality Parameters During Groundwater Purging
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

Monitoring Well	Time	ORP (mV)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (deg C)
MW-100	12:46	34.7	6.78	1.105	821.68	4.34	11.7
	12:48	49.7	6.69	1.149	1000	3.38	11.5
	12:50	45.2	6.63	1.173	1000	3.32	11.4
	12:51	46.8	6.61	1.178	1000	3.31	11.4
	12:44	9.9	7.14	1.047	571.76	5.32	11.7
MW-101B	11:46	23.8	7.57	1.25	803.25	4.53	13.6
	11:48	16.7	7.56	1.246	912.47	3.93	13.4
	11:50	3.5	7.57	1.237	891.2	3.19	14
	11:52	-2.7	7.59	1.238	1000	2.82	13.5
	11:53	-8.4	7.59	1.238	1000	2.54	13.6
	11:54	-12.9	7.6	1.237	887.21	2.37	13.7
	11:56	-12.4	7.6	1.236	1000	2.55	13.5
MW-102	09:40	52	6.88	0.491	60.7	2.32	11.3
	09:43	52.5	6.7	0.481	50.68	2.3	11.6
	09:49	52	6.68	0.485	6.35	2.33	11.5
	09:52	52.3	6.65	0.489	7.81	2.28	11.3
MW-102B	08:53	39.7	6.97	1.204	19.35	1.77	13.4
	08:41	93.9	7.19	1.044	14.01	3.58	12.9
	08:50	70.6	7.09	1.189	28.94	2.26	13.5
	08:56	2.3	6.9	1.199	19.2	1.73	13.6
	09:00	9.2	6.93	1.154	15.2	1.78	13.6
	09:04	9.5	6.92	1.158	18.95	1.76	13.5
	09:09	8.93	6.94	1.131	19.13	1.7	13.5
	08:46	87.3	7.2	1.115	17.24	2.63	13.3
MW-103	Data did not save in Fulcrum App.						
MW-103B	10:55	40	7.33	0.287	99.78	6.13	11.9
	10:52	39.7	7.32	0.292	148.54	6.07	11.6
	10:49	37.6	7.35	0.281	153.72	6.03	11.8
MW-104	11:47	-0.6	7.2	0.696	1000	4.87	10.7
	11:50	-21.6	7.11	0.693	732.45	3.85	11.1
	11:51	-24.9	7.08	0.694	693.56	3.46	11.1
	11:53	-32.3	7.05	0.695	1000	2.79	11
	11:54	-34.8	7.04	0.693	821.67	2.73	11
	11:57	-40.4	7.04	0.692	172.4	2.75	11
MW-2	14:07	54.3	7.29	1.59	7.72	3.42	15
	14:09	51.1	7.31	1.592	8.71	2.59	14.8
	14:04	57.7	7.3	1.607	8.71	4.71	15.5
	14:10	48.2	7.32	1.595	8.32	2.61	14.7
	14:15	39.7	7.33	1.574	6.84	2.54	15
MW-2S	13:59	47.5	7.5	1.198	558.78	5.61	18.4
MW-12S	13:10	6.6	7.11	0.656	12.12	2.6	11.5
	13:13	-3.3	7.06	0.622	6.78	2.15	NR
	13:17	-11.5	7.03	0.604	4.79	1.77	11.4
	13:20	-12.4	7.02	0.601	4.03	1.7	11.3
	13:23	-12.5	7.02	0.599	5.06	1.72	11.4
	13:07	23.5	7.19	0.77	35.66	3.47	11.5
MW-13S	12:49	22.1	6.8	0.965	229.8	2.54	12.8
	12:36	59.3	6.89	0.962	540.87	5.22	12.7
	12:39	39.3	6.85	0.972	473.55	3.99	12.5
	12:43	37.6	6.82	0.968	346.7	2.78	13.2
	12:45	29.7	6.81	0.965	383.43	2.5	12.7
	12:47	27	6.8	0.967	320.8	2.54	12.9

NR = Not Recorded

Table 2.
May 2024 Groundwater Monitoring Results - Detections Only
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

LOCATION			MW-2						MW-2S						MW-100					
SAMPLE NAME			MW-2-20230524		WATER-MW-2-102023		WATER-MW-2-20240514		MW-2S-20230524		WATER-MW-2S-102023		WATER-MW-2S-20240514		MW-100-20230522		WATER-MW-100-101923		WATER-MW-100-20240514	
SAMPLING DATE			5/24/2023		10/20/2023		5/14/2024		5/24/2023		10/20/2023		5/14/2024		5/22/2023		10/19/2023		5/14/2024	
LAB SAMPLE ID			L2329262-02		L2362306-09		L2426911-08		L2329262-01		L2362306-11		L2426911-09		L2328902-03		L2362306-07		L2426911-01	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																				
Alkalinity, Total		mg CaCO3/L	*164*	*J+*	172		160		*104*	*J+*	NA		99.8		386		476		391	
Nitrogen, Ammonia		µg/L	1,810		*2,100*	*J*	*1,720*		52	J	NA		96		770		*109*	*U*	*257*	*J*
Nitrogen, Nitrate	10,000	µg/L	25	J	100	U	41	J	6,000		NA		5300		47	J	100	U	100	U
Sulfate	250,000	µg/L	44,000		24,000		71,000		26,000		NA		30000		89,000		99,000		90,000	
Total Organic Carbon		µg/L	460	J	310	J	440	J	740		NA		970		5,400		6,900		5,300	
Volatile Organics by GC/MS																				
1,1-Dichloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.6	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	3	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acetone	50	µg/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	1	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	µg/L	2.5	U	2.5	U	2.5	U	1.7	J	0.77	J	0.93	J	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cyclohexanxe		µg/L	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.43	J	0.56		0.54		0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	2	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	*0.13*	*U*	*1*	*U*
Semivolatile Organics by GC/MS																				
4-Bromophenyl phenyl ether		µg/L	2	U	2	U	2	U	2	U	2	U	2	U	2.2	J	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	µg/L	3	U	3	U	3	U	3	U	3	U	3	U	2	U	3	U	3	U
Caprolactam		µg/L	*46*	*J*	10	U	10	U	4.1	J	10	U	10	U	*13*	*J*	10	U	10	U
Di-n-butylphthalate	50	µg/L	5	U	0.7	J	5	U	5	U	5	U	5	U	10	U	5	U	5	U
Diethyl phthalate	50	µg/L	5	U	5	U	5	U	5	U	5	U	5	U	*2.2*	*J*	5	U	5	U
p-Chloro-m-cresol		µg/L	2	U	2	U	2	U	2	U	2	U	2	U	13		2	U	2	U
Semivolatile Organics by GC/MS-SIM																				
2-Chloronaphthalene			2	U	2	*U*	0.2	U	2	U	2	U	0.03	J	2	U	2	U	0.2	U
2-Methylnaphthalene			0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.04	J	0.1	U	0.1	U	0.1	U
Acenaphthene	20	µg/L	0.1	U	0.04	J	0.1	U	0.1	U	NA		0.02	J	0.1	U	0.1	U	0.1	U
Acenaphthylene		µg/L	0.1	U	0.03	J	0.1	U	0.03	J	NA		0.03	J	0.02	J	0.1	U	0.1	U
Anthracene	50	µg/L	0.1	U	*0.03*	*U*	*0.1*	*U*	0.03	J	NA		0.05	J	0.1	U	0.1	U	0.1	U
Benzo(a)anthracene	0.002	µg/L	0.1	U	**0.03**	**J**	**0.03**	**J**	**0.26**		NA		**0.25**		0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	0	µg/L	**0.02**	**J**	0.1	U	0.04	J	**0.92**		NA		**0.73**		0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	µg/L	**0.03**	**J**	0.1	U	**0.06**	**J**	**1.5**		NA		**1.3**		0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene		µg/L	0.02	J	0.1	U	0.03	J	1.6		NA		1.2		0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	µg/L	**0.01**	**J**	0.1	U	0.03	J	**0.47**		NA		**0.4**		0.1	U	0.1	U	0.1	U
Chrysene	0.002	µg/L	**0.02**	**J**	0.1	U	0.04	J	**0.51**		NA		**0.54**		0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene		µg/L	0.1	U	0.1	U	0.1	U	0.22		NA		0.16		0.1	U	0.1	U	0.1	U
Fluoranthene	50	µg/L	0.03	J	0.03	J	0.05	J	0.54		NA		0.45		0.1	U	0.1	U	0.1	U
Hexachlorobenzene	0.04	µg/L	0.8	U	0.8	U	0.8	U	**0.05**	**J**	NA		**0.07**		0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	µg/L	**0.02**	**J**	0.1	U	0.03	U	**1.4**		NA		**0.99**		0.1	U	0.1	U	0.1	U
Naphthalene	10	µg/L	0.1	U	*0.1*	*R*	*0.1*	*U*	0.1	U	NA		0.13		0.31		0.1	U	0.13	
Pentachlorophenol	1	µg/L	0.8	U	0.8	U	0.8	U	0.8	U	NA		0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	µg/L	0.03	J	0.05	J	0.03	J	0.09	J	NA		0.11		0.1	U	0.1	U	0.03	J
Pyrene	50	µg/L	0.03	J	0.03	J	0.04	J	0.51		NA		0.44		0.1	U	0.1	U	0.1	U

Table 2.
May 2024 Groundwater Monitoring Results - Detections Only
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

		LOCATION		MW-2						MW-2S						MW-100					
		SAMPLE NAME		MW-2-20230524		WATER-MW-2-102023		WATER-MW-2-20240514		MW-2S-20230524		WATER-MW-2S-102023		WATER-MW-2S-20240514		MW-100-20230522		WATER-MW-100-101923		WATER-MW-100-20240514	
		SAMPLING DATE		5/24/2023		10/20/2023		5/14/2024		5/24/2023		10/20/2023		5/14/2024		5/22/2023		10/19/2023		5/14/2024	
		LAB SAMPLE ID		L2329262-02		L2362306-09		L2426911-08		L2329262-01		L2362306-11		L2426911-09		L2328902-03		L2362306-07		L2426911-01	
		NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls by GC																					
	Aroclor 1242	0.09	µg/L	0.071	U	0.071	U	0.071	U	0.071	U	***0.278***	***IP J-***	0.071	U	0.071	U	0.071	U	0.071	U
	Aroclor 1254	0.09	µg/L	0.071	U	0.071	U	0.071	U	0.071	U	**0.483**		0.071	U	0.071	U	0.071	U	0.071	U
Total Metals																					
	Aluminum, Total		µg/L	160		15.3		55.4		3,600		NA		22800		*2,340*	*J*	575		15800	
	Antimony, Total	3	µg/L	0.5	J	4	U	4	U	4	U	NA		0.96	J	4	U	4	U	0.97	J
	Arsenic, Total	25	µg/L	5.15		0.91		2.39		3.28		NA		13.02		*1.87*	*J*	0.9		4.84	
	Barium, Total	1,000	µg/L	384.1		400		357.3		85.33		NA		405.8		119.7		94.88		109.6	
	Beryllium, Total	3	µg/L	0.5	U	0.5	U	0.5	U	0.24	J	NA		2.42		0.13	J	0.5	U	0.48	J
	Cadmium, Total	5	µg/L	0.4		0.06	J	0.28		3.4		NA		**7.71**		0.13	J	0.12	J	0.18	J
	Calcium, Total		µg/L	68,200		111,000		84800		37,000		NA		48300		*153,000*	*J*	142,000		223000	
	Chromium, Total	50	µg/L	1.47		0.5	J	1.12		8.94		NA		**58.3**		*3.49*	*U*	1.42		10.49	
	Cobalt, Total		µg/L	0.34	J	0.5	U	0.5	U	5.57		NA		35.96		*4.55*	*J*		1.76	9.06	
	Copper, Total	200	µg/L	0.73	J	1	U	9.59		17.39		NA		118.2		*5.26*	*J*	2.39		16.42	
	Iron, Total	300	µg/L	147		80.3		**426**		**9,400**		NA		**48,500**		***4,640***	***J***	**1,080**		**30,100**	
	Lead, Total	25	µg/L	1.3		1	U	0.62	J	**34.39**		NA		**370.5**		*3.05*	*J*	0.79	J	5.46	
	Magnesium, Total	35,000	µg/L	24,500		32,600		30,700	*J*	10,700		NA		18900	*J*	22,500		19,100		20500	*J*
	Manganese, Total	300	µg/L	**731.1**		**742.9**		**648**		**598.5**		NA		**3034**		**9,520**		**4,687**		**8,431**	
	Mercury, Total	0.7	µg/L	0.2	U	0.2	U	0.2	U	0.17	J	NA		**0.95**		0.2	U	0.2	U	0.2	U
	Nickel, Total	100	µg/L	4.68		0.57	J	3.95		10.1		NA		58.64		*6.59*	*U*	3.15		15.96	
	Potassium, Total		µg/L	8,370		11,800		9,750	*J*	4,620		NA		6,310	*J*	11,100		10,600		8,790	*J*
	Selenium, Total	10	µg/L	5	U	5	U	5	U	2.87	J	NA		**14.4**		5	U	5	U	5	U
	Silver, Total	50	µg/L	0.4	U	0.4	U	0.4	U	1.26		NA		2.66		0.4	U	0.4	U	0.4	U
	Sodium, Total	20,000	µg/L	**114,000**		**93,000**	**J**	**127,000**		**209,000**		NA		**178,000**		**137,000**		**123,000**		**104,000**	
	Thallium, Total	0.5	µg/L	1	U	1	U	1	U	1	U	NA		**0.64**	**J**	0.15	J	1	U	1	U
	Vanadium, Total		µg/L	5	U	5	U	5	U	6.92		NA		40.13		4.7	J	5	U	13.74	
	Zinc, Total	2,000	µg/L	6.51	J	10	U	5.8	J	54.02		NA		474.9		*11.7*	*J*	10	U	34.91	
Dissolved Metals																					
	Aluminum, Dissolved		µg/L	NA		10	U	NA		NA		NA		NA		NA		10	U	NA	
	Antimony, Dissolved	3	µg/L	NA		4	U	NA		NA		NA		NA		NA		1.21	J	NA	
	Arsenic, Dissolved	25	µg/L	NA		0.89		NA		NA		NA		NA		NA		0.5		NA	
	Barium, Dissolved	1000	µg/L	NA		345.9		NA		NA		NA		NA		NA		96.62		NA	
	Cadmium, Dissolved	5	µg/L	NA		0.2	U	NA		NA		NA		NA		NA		0.11	J	NA	
	Calcium, Dissolved		µg/L	NA		86,600		NA		NA		NA		NA		NA		143,000		NA	
	Chromium, Dissolved	50	µg/L	NA		1	U	NA		NA		NA		NA		NA		1	U	NA	
	Cobalt, Dissolved		µg/L	NA		0.5	U	NA		NA		NA		NA		NA		1.26		NA	
	Copper, Dissolved	200	µg/L	NA		1	U	NA		NA		NA		NA		NA		1.02		NA	
	Iron, Dissolved	300	µg/L	50	U	50.9		51		50	U	NA		50	U	50	U	19.5	J	**596**	
	Magnesium, Dissolved	35000	µg/L	NA		29,400		NA		NA		NA		NA		NA		18,800		NA	
	Manganese, Dissolved	300	µg/L	NA		**631.7**		NA		NA		NA		NA		NA		**5,098**		NA	
	Mercury, Dissolved	0.7	µg/L	NA		0.2	U	NA		NA		NA		NA		NA		0.2	U	NA	
	Nickel, Dissolved	100	µg/L	NA		2	U	NA		NA		NA		NA		NA		1.39	J	NA	
	Potassium, Dissolved		µg/L	NA		10,200		NA		NA		NA		NA		NA		10,800		NA	
	Sodium, Dissolved	20000	µg/L	NA		**106,000**		NA		NA		NA		NA		NA		**128,000**		NA	
	Thallium, Dissolved	0.5	µg/L	NA		1	U	NA		NA		NA		NA		NA		1	U	NA	
	Zinc, Dissolved	2000	µg/L	NA		10	U	NA		NA		NA		NA		NA		10	U	NA	

Table 2.
May 2024 Groundwater Monitoring Results - Detections Only
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

LOCATION			MW-101B						MW-102						MW-102B					
SAMPLE NAME			MW-101B-20230523		WATER-MW-101B-102023		WATER-MW-101B-20240514		MW-102-20230522		WATER-MW-102-101923		WATER-MW-102-20240514		MW-102B-20230522		WATER-MW-102B-101923		WATER-MW-102B-20240514	
SAMPLING DATE			5/23/2023		10/20/2023		5/14/2024		5/22/2023		10/19/2023		5/14/2024		5/22/2023		10/19/2023		5/14/2024	
LAB SAMPLE ID			L2328902-04		L2362306-12		L2362306-12		L2328902-01		l2362306-04		L2426911-03		L2328902-02		L2362306-06		L2426911-04	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																				
Alkalinity, Total		mg CaCO3/L	349		386		413		191		182		178		376		422		395	
Nitrogen, Ammonia		µg/L	2180		*1760*	*J*	*1440*		230		*252*	*U*	*75*	*U*	2,690		*1,980*	*J*	*1,350*	
Nitrogen, Nitrate	10,000	µg/L	150		100	U	120		100	U	36	J	78	J	78	J	100	U	100	
Sulfate	250,000	µg/L	21,000		7400	J	4600	J	66,000		16,000		40,000		31,000		36,000		240	
Total Organic Carbon		µg/L	1,400		2100		2100		3,000		2,600		27,002		3,300		4,700		4,700	
Volatile Organics by GC/MS																				
1,1-Dichloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.6	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	3	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acetone	50	µg/L	4.1	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	1	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**30**		**58**		**61**	
Cyclohexanxe		µg/L	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	µg/L	1	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.38	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl chloride	2	µg/L	1	U	1	U	1	U	1	U	*0.27*	*U*	1	U	**160**		**310**		**420**	
Semivolatile Organics by GC/MS																				
4-Bromophenyl phenyl ether		µg/L	5	U	2	U	2	U	5	U	2	U	2	U	5	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	µg/L	2	U	**130**		3	U	2	U	3	U	3	U	2	U	3	U	3	U
Caprolactam		µg/L	5	U	10	U	10	U	5	U	10	U	10	U	*17*	*J*	10	U	10	U
Di-n-butylphthalate	50	µg/L	10	U	5	U	5	U	10	U	5	U	5	U	10	U	5	U	5	U
Diethyl phthalate	50	µg/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
p-Chloro-m-cresol		µg/L	10	U	2	U	2	U	10	U	2	U	2	U	17		2	U	2	U
Semivolatile Organics by GC/MS-SIM																				
2-Chloronaphthalene			2	U	2	U	0.2	*U*	2	U	2	U	0.2	U	2	U	2	U	0.2	U
2-Methylnaphthalene			0.1	U	0.1	U	0.1	*U*	0.1	U	0.1	U	0.03	J	0.1	U	0.1	U	0.25	
Acenaphthene	20	µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.09	J
Acenaphthylene		µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.05	J	0.1	U	0.1	U
Anthracene	50	µg/L	0.1	U	*0.02*	*U*	*0.01*	*U*	0.1	U	0.1	U	0.02	J	0.1	U	0.1	U	0.1	U
Benzo(a)anthracene	0.002	µg/L	0.1	U	**0.04**	**J**	*0.1*	*U*	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	0	µg/L	0.1	U	**0.02**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	µg/L	0.1	U	**0.06**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene		µg/L	0.1	U	0.05	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	µg/L	0.1	U	**0.04**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	0.002	µg/L	0.1	U	**0.05**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene		µg/L	0.1	U	0.04	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	50	µg/L	0.1	U	0.05	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	0.04	µg/L	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	µg/L	0.1	U	**0.04**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Naphthalene	10	µg/L	0.1	U	*0.09*	*R*	0.1	U	0.08	J	*0.08*	*R*	0.06	*J*	0.45		0.1	U	1.1	
Pentachlorophenol	1	µg/L	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	µg/L	0.1	U	0.05	J	0.02	J	0.1	U	0.1	U	0.03	J	0.1	U	0.1	U	0.04	J
Pyrene	50	µg/L	0.1	U	0.05	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Table 2.
May 2024 Groundwater Monitoring Results - Detections Only
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

LOCATION			MW-101B						MW-102						MW-102B					
SAMPLE NAME			MW-101B-20230523		WATER-MW-101B-102023		WATER-MW-101B-20240514		MW-102-20230522		WATER-MW-102-101923		WATER-MW-102-20240514		MW-102B-20230522		WATER-MW-102B-101923		WATER-MW-102B-20240514	
SAMPLING DATE			5/23/2023		10/20/2023		5/14/2024		5/22/2023		10/19/2023		5/14/2024		5/22/2023		10/19/2023		5/14/2024	
LAB SAMPLE ID			L2328902-04		L2362306-12		L2362306-12		L2328902-01		l2362306-04		L2426911-03		L2328902-02		L2362306-06		L2426911-04	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls by GC																				
Aroclor 1242	0.09	µg/L	**0.134**		0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	**0.099**		0.071	U	0.071	U
Aroclor 1254	0.09	µg/L	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Total Metals																				
Aluminum, Total		µg/L	69,700		106		1480		139		12		1640		16,100		495		79.9	
Antimony, Total	3	µg/L	**3.58**	**J**	0.51	J	0.69	J	4	U	4	U	1.82	J	2.04	J	4	U	4	U
Arsenic, Total	25	µg/L	**95.24**		5.06		4.96		4.43		0.69		**29**		20.41		0.87		0.37	J
Barium, Total	1,000	µg/L	**4,024**		**1,985**		**1,695**		53.32		19.22		47		**2,128**		**1,018**		**1,162**	
Beryllium, Total	3	µg/L	**4.47**		0.5	U	0.5	U	0.5	U	0.5	U	0.24	J	0.68		0.5	U	0.5	U
Cadmium, Total	5	µg/L	0.54	J	0.2	U	0.2	U	0.2	U	0.2	U	0.18	J	0.18	J	0.2	U	0.2	U
Calcium, Total		µg/L	*82,800*	*J*	25,900		13000		*77,400*	*J*	56,700		108000		*52,000*	*J*	67,900		89000	
Chromium, Total	50	µg/L	**134**		1.09		2.65		*1.39*	*U*	0.57	J	9.05		40.9		2.47		0.79	J
Cobalt, Total		µg/L	129.4		0.25	J	3.01		0.69		0.19	J	2.28		23.92		0.66		0.5	U
Copper, Total	200	µg/L	**235**		0.42	J	5.33		1.61		1.28		19.9		57.46		1.36		0.59	J
Iron, Total	300	µg/L	**193,000**		**404**		**3,760**		**3,430**		***348***	***J***	**92,500**		**49,200**		**1,440**		**377**	
Lead, Total	25	µg/L	**134**		1	U	1.39		0.72	J	1	U	11.25		**39.42**		1.13		1	U
Magnesium, Total	35,000	µg/L	**53,200**		7,870		5380	*J*	10,600		7,750		9760	*J*	29,700		21,500		21300	*J*
Manganese, Total	300	µg/L	**14,650**		**492.1**		**1,095**		**918.4**		***998.4***	***J***	**1,488**		**1,860**		**465.7**		**515.6**	
Mercury, Total	0.7	µg/L	0.43		0.2	U	0.2	U	0.2	U	0.2	U	0.33		0.15	J	0.2	U	0.2	U
Nickel, Total	100	µg/L	**184.6**		6.66		9.12		*3.03*	*U*	1.3	J	3.7		58.99		4.94		2.97	
Potassium, Total		µg/L	21,700		11,300		8,010	*J*	3,290		3,150		2,490	*J*	13,000		10,700		10,100	*J*
Selenium, Total	10	µg/L	**15.2**	**J**	5	U	5	U	5	U	5	U	9.06		4.13	J	5	U	5	U
Silver, Total	50	µg/L	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.2	J	0.4	U	0.4	U	0.4	U
Sodium, Total	20,000	µg/L	**174,000**		***154,000***	***J***	**262,000**		**22,500**		18,800		18200		**115,000**		**109,000**		**112,000**	
Thallium, Total	0.5	µg/L	**1.38**	**J**	1	U	1	U	0.15	J	1	U	1	U	**0.58**	**J**	1	U	1	U
Vanadium, Total		µg/L	116.8		5	U	2.02	J	5	U	5	U	17.18		36.27		5	U	5	U
Zinc, Total	2,000	µg/L	278.8		10	U	8.12	J	10	U	10	U	101.1		73.8		10	U	35.72	
Dissolved Metals																				
Aluminum, Dissolved		µg/L	NA		6.55	J	NA		NA		10	U	NA		NA		3.28	J	NA	
Antimony, Dissolved	3	µg/L	NA		1.08	J	NA		NA		0.71	J	NA		NA		2.68	J	NA	
Arsenic, Dissolved	25	µg/L	NA		4.89		NA		NA		0.37	J	NA		NA		0.68		NA	
Barium, Dissolved	1000	µg/L	NA		**2,022**		NA		NA		18.45		NA		NA		**1,095**		NA	
Cadmium, Dissolved	5	µg/L	NA		0.2	U	NA		NA		0.08	J	NA		NA		0.2	U	NA	
Calcium, Dissolved		µg/L	NA		18,900		NA		NA		54,800		NA		NA		55,400		NA	
Chromium, Dissolved	50	µg/L	NA		0.23	J	NA		NA		1	U	NA		NA		1	U	NA	
Cobalt, Dissolved		µg/L	NA		0.5	U	NA		NA		0.22	J	NA		NA		0.5	U	NA	
Copper, Dissolved	200	µg/L	NA		0.66	J	NA		NA		0.73	J	NA		NA		0.4	J	NA	
Iron, Dissolved	300	µg/L	**1,220**		105		157		25.5	J	50	U	**2,880**		97.7		53.5		125	
Magnesium, Dissolved	35000	µg/L	NA		7,540		NA		NA		8,020		NA		NA		19,800		NA	
Manganese, Dissolved	300	µg/L	NA		**391.1**		NA		NA		***1,114***	***J***	NA		NA		**437.2**		NA	
Mercury, Dissolved	0.7	µg/L	NA		0.2	U	NA		NA		0.2	U	NA		NA		0.2	U	NA	
Nickel, Dissolved	100	µg/L	NA		5.86		NA		NA		0.82	J	NA		NA		2.89		NA	
Potassium, Dissolved		µg/L	NA		10,200		NA		NA		3,090		NA		NA		10,700		NA	
Sodium, Dissolved	20000	µg/L	NA		**178,000**		NA		NA		19,400		NA		NA		**120,000**		NA	
Thallium, Dissolved	0.5	µg/L	NA		1	U	NA		NA		1	U	NA		NA		1	U	NA	
Zinc, Dissolved	2000	µg/L	NA		3.41	J	NA		NA		10	U	NA		NA		10	U	NA	

Table 2.
May 2024 Groundwater Monitoring Results - Detections Only
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

	LOCATION		MW-103						MW-103B						MW-104					
	SAMPLE NAME		MW-103-20230523		WATER-MW-103-101923		WATER-MW-103-20240515		MW-103B-20230523		WATER-MW-103B-101923		WATER-MW-103B-20240515		MW-104-20230523		WATER-MW-104-101923		WATER-MW-104-20240515	
	SAMPLING DATE		5/23/2023		10/19/2023		5/15/2024		5/23/2023		10/19/2023		5/15/2024		5/23/2023		10/19/2023		5/15/2024	
	LAB SAMPLE ID		L2328902-06		L2362306-02		L2426911-05		L2328902-05		L2362306-03		L2426911-06		L2328902-07		L2362306-01		L2426911-07	
		NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																				
	Alkalinity, Total		mg CaCO3/L	214		240		227		349		344		116		237		225		205	
	Nitrogen, Ammonia		µg/L	488		*973*	*J*	*1130*		861		*989*	*J*	*286*		1,600		*1,220*	*J*	*1,290*	
	Nitrogen, Nitrate	10,000	µg/L	49	J	100	U	250		96	J	100	U	160		36	J	100	U	100	U
	Sulfate	250,000	µg/L	34,000		5,000	J	16,000		28,000		10,000	U	20,000	U	26,000		1,600	J	10	J
	Total Organic Carbon		µg/L	4,700		5,300		3,500		7,000		9,000		12,000		5,400		5,100		4,000	
Volatile Organics by GC/MS																					
	1,1-Dichloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	0.69		1.1	J
	1,2-Dichloroethane	0.6	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.34	J	0.5	U	1.2	U	0.5	U	0.5	U
	1,4-Dichlorobenzene	3	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	1.6	J	2.5	U
	Acetone	50	µg/L	5	U	5	U	5	U	4.2	J	5	U	2	*J*	12	U	5	U	25	U
	Benzene	1	µg/L	**1.9**		0.38	J	0.38	J	**1.8**		**35**		0.22	J	**7.7**		**2.1**		**1.3**	J
	Chlorobenzene	5	µg/L	*2.1*	*J+*	**6.1**		4		2.5	U	**15**		0.78	J	**15**		**22**		**15**	
	Chloroform	7	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	2.5	U	12	U
	cis-1,2-Dichloroethene	5	µg/L	2.5	U	2.5		2.5		2.5	U	0.73	J	2.5	U	**320**		**490**		**820**	
	Cyclohexanxe		µg/L	10	U	10	U	1.3	J	10	U	10	U	10	U	10	U	10	U	6.1	J
	Ethylbenzene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	0.7	J	2.5	U
	Methylene chloride	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	2.5	U	2.5	U
	p/m-Xylene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	3.6	J
	Tetrachloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	0.5	U	2.5	U
	trans-1,2-Dichloroethene	5	µg/L	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	1.3	J	2.5	U
	Trichloroethene	5	µg/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	0.2	J	0.5	U
	Vinyl chloride	2	µg/L	1	U	**2.5**		0.11		0.13	J	0.91	J	0.11	J	**190**		**350**		**450**	
Semivolatile Organics by GC/MS																					
	4-Bromophenyl phenyl ether		µg/L	5	U	2	U	2	U	1.5	J	2	U	2	U	5	U	2	U	2	U
	Bis(2-ethylhexyl)phthalate	5	µg/L	2	U	3	U	3	U	2	U	3	U	3	U	2	U	3	U	3	U
	Caprolactam		µg/L	5	U	10	U	10	U	5	U	10	U	10	U	5	U	10	U	10	U
	Di-n-butylphthalate	50	µg/L	10	U	5	U	5	U	10	U	5	U	5	U	10	U	5	U	5	U
	Diethyl phthalate	50	µg/L	5	U	5	U	5	U	*1.5*	*J*	5	U	5	U	5	U	5	U	5	U
	p-Chloro-m-cresol		µg/L	10	U	2	U	2	U	10	U	2	U	2	U	10	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM																					
	2-Chloronaphthalene			2	U	2	U	0.2	U	2	U	2	U	0.2	U	2	U	2	U	0.2	U
	2-Methylnaphthalene			0.1	U	0.1	U	0.03	J	0.1	U	0.1	U	0.04	*J*	0.1	U	0.1	U	0.03	J
	Acenaphthene	20	µg/L	0.02	J	0.04	J	0.04	J	0.1	U	0.06	J	0.05	J	0.1	U	*0.05*	*J+*	0.04	J
	Acenaphthylene		µg/L	0.01	J	0.1	U	0.1	U	0.1	U	0.01	J	0.1	U	0.1	U	0.1	U	0.1	U
	Anthracene	50	µg/L	0.1	U	0.1	U	0.02	J	0.1	U	*0.02*	*U*	0.01	J	0.1	U	0.1	U	0.1	U
	Benzo(a)anthracene	0.002	µg/L	0.1	U	0.1	U	0.1	U	0.1	U	**0.02**	**J**	0.1	U	0.1	U	0.1	U	0.1	U
	Benzo(a)pyrene	0	µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Benzo(b)fluoranthene	0.002	µg/L	**0.01**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Benzo(ghi)perylene		µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Benzo(k)fluoranthene	0.002	µg/L	**0.01**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Chrysene	0.002	µg/L	*0.04*	*U*	0.1	U	0.1	U	*0.05*	*U*	0.1	U	0.1	U	*0.03*	*U*	***0.04***	***J+***	0.1	U
	Dibenzo(a,h)anthracene		µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Fluoranthene	50	µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Hexachlorobenzene	0.04	µg/L	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
	Indeno(1,2,3-cd)pyrene	0.002	µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Naphthalene	10	µg/L	0.1	U	0.1	U	0.14		0.1	U	0.1	U	0.06	J	0.1	U	0.1	U	0.12	
	Pentachlorophenol	1	µg/L	0.07	J	0.8	U	0.07	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.07	J
	Phenanthrene	50	µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.02	J	0.07	J	0.1	U	0.1	U	0.1	U
	Pyrene	50	µg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Table 2.
May 2024 Groundwater Monitoring Results - Detections Only
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

LOCATION			MW-103						MW-103B						MW-104					
SAMPLE NAME			MW-103-20230523		WATER-MW-103-101923		WATER-MW-103-20240515		MW-103B-20230523		WATER-MW-103B-101923		WATER-MW-103B-20240515		MW-104-20230523		WATER-MW-104-101923		WATER-MW-104-20240515	
SAMPLING DATE			5/23/2023		10/19/2023		5/15/2024		5/23/2023		10/19/2023		5/15/2024		5/23/2023		10/19/2023		5/15/2024	
LAB SAMPLE ID			L2328902-06		L2362306-02		L2426911-05		L2328902-05		L2362306-03		L2426911-06		L2328902-07		L2362306-01		L2426911-07	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls by GC																				
Aroclor 1242	0.09	µg/L	**1.11**		**3.25**		**2.15**		**0.22**		**1.74**	***J+***	**0.571**		**0.481**		**1.2**	***J+***	**1.02**	***J+***
Aroclor 1254	0.09	µg/L	0.071	U	0.357	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Total Metals																				
Aluminum, Total		µg/L	794		15.9		72.1	*J*	50,100		647		3250		2,670		26.7		2590	
Antimony, Total	3	µg/L	4	U	4	U	4	U	0.65	J	4	U	2.53	J	4	U	4	U	4	U
Arsenic, Total	25	µg/L	6.28		9.47		6.39		**25.32**		12.38		3.69		6.74		6.42		4.69	
Barium, Total	1,000	µg/L	69.08		67.3		93.73	*J*	**1,258**		71.96		128.4		168.5		78.78		104.4	
Beryllium, Total	3	µg/L	0.5	U	0.5	U	0.5	U	1.87		0.5	U	0.18	J	0.14	J	0.5	U	0.15	J
Cadmium, Total	5	µg/L	0.2	U	0.2	U	0.2	U	0.26		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium, Total		µg/L	*40,000*	*J*	27,000		59,200		*36,000*	*J*	16,100		28,200		*55,500*	*J*	34,000		45,500	
Chromium, Total	50	µg/L	*2*	*U*	0.25	J	1.01		**129.5**		1.78		8		7.31		0.38	J	4.97	
Cobalt, Total		µg/L	0.99		0.5	U	0.23	J	55.92		0.84		3.26		2.27		0.19	J	2.02	
Copper, Total	200	µg/L	3.37		0.64	J	0.7	J	110		2.76		9.13		6.87		1	U	8.18	
Iron, Total	300	µg/L	**1,690**		**845**		**2,300**		**120,000**		**1,360**		**6,370**		**10,300**		**3,200**		**11,400**	
Lead, Total	25	µg/L	1.93		1	U	1	U	**72.02**		1.71		3.79		6.61		1	U	4.92	
Magnesium, Total	35,000	µg/L	8,300		5,540		10,200	*J*	**37,600**		4,970		5520	*J*	11,900		6,520		9930	*J*
Manganese, Total	300	µg/L	**884.2**		**1613**		**4,611**		**3,514**		**902**		**636**		**3,809**		B		**3,788**	
Mercury, Total	0.7	µg/L	0.2	U	0.2	U	0.2	U	0.12	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	100	µg/L	*8.27*	*U*	0.68	J	0.76	J	**162.3**		3.24		7.78		*10.16*	*U*	0.69	J	5.1	
Potassium, Total		µg/L	2,350		2,330		2,450	*J*	9,720		3,190		5,920	*J*	2,770		2,210		2,360	*J*
Selenium, Total	10	µg/L	2.24	J	5	U	5	U	7.72		5	U	5	U	5	U	5	U	5	U
Silver, Total	50	µg/L	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Total	20,000	µg/L	**114,000**		**87,800**		**84,300**		**192,000**		**151,000**		**31,300**		**162,000**		**78,300**		**82,000**	
Thallium, Total	0.5	µg/L	0.32	J	1	U	1	U	0.35	J	1	U	1	U	1	U	1	U	1	U
Vanadium, Total		µg/L	2.12	J	5	U	5	U	98.58		2.49	J	6.73		5.37		5	U	5.14	
Zinc, Total	2,000	µg/L	7.7	J	10	U	10	U	163.1		11.7		**2,720**		11.74		10	U	12.33	
Dissolved Metals																				
Aluminum, Dissolved		µg/L	NA		4.64	J	NA		NA		21.9		NA		NA		10	U	NA	
Antimony, Dissolved	3	µg/L	NA		0.95	J	NA		NA		0.7	J	NA		NA		0.67	J	NA	
Arsenic, Dissolved	25	µg/L	NA		9.43		NA		NA		11.81		NA		NA		4.41		NA	
Barium, Dissolved	1000	µg/L	NA		58.02		NA		NA		68.14		NA		NA		59.09		NA	
Cadmium, Dissolved	5	µg/L	NA		0.2	U	NA		NA		0.2	U	NA		NA		0.2	U	NA	
Calcium, Dissolved		µg/L	NA		27,600		NA		NA		15,700		NA		NA		32,000		NA	
Chromium, Dissolved	50	µg/L	NA		1	U	NA		NA		0.35	J	NA		NA		1	U	NA	
Cobalt, Dissolved		µg/L	NA		0.5	U	NA		NA		0.4	J	NA		NA		0.19	J	NA	
Copper, Dissolved	200	µg/L	NA		1	U	NA		NA		0.5	J	NA		NA		1	U	NA	
Iron, Dissolved	300	µg/L	74.3		122		**1,980**		**3,150**		292		42	J	28.3	J	**544**		**3,490**	
Magnesium, Dissolved	35000	µg/L	NA		5,850		NA		NA		4,860		NA		NA		6,270		NA	
Manganese, Dissolved	300	µg/L	NA		**1591**		NA		NA		**919.7**		NA		NA		**1,855**		NA	
Mercury, Dissolved	0.7	µg/L	NA		0.2	U	NA		NA		0.1	J	NA		NA		0.2	U	NA	
Nickel, Dissolved	100	µg/L	NA		2	U	NA		NA		1.87	J	NA		NA		2	U	NA	
Potassium, Dissolved		µg/L	NA		2,470		NA		NA		3,000		NA		NA		2,130		NA	
Sodium, Dissolved	20000	µg/L	NA		**94,200**		NA		NA		**160,000**		NA		NA		**77,000**		NA	
Thallium, Dissolved	0.5	µg/L	NA		0.19	J	NA		NA		1	U	NA		NA		1	U	NA	
Zinc, Dissolved	2000	µg/L	NA		10	U	NA		NA		10	U	NA		NA		10	U	NA	

Notes:

May 2024 samples collected by CHA Consulting, Inc. and analyzed by Pace Analytical Laboratories (NYSDOH ELAP 11148)

Results in micrograms per liter (µg/L) unless otherwise noted.

Results compared to the Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 - Ambient Water Quality Standards (AWQS) and Guidance Values

Blue Shading and Bold- Result exceeds the NYSDEC AWQS.

Italicied Results and Qualifiers: The DUSR identified some issue with the data that required alteration of the qualifier. See the DUSR for additional information.

GC - Gas Chromatography

MS - Mass Spectrometry

SIM - Selective Ion Method

NA - Not Analyzed

Data Qualifiers:

U - Indicates the compound was analyzed for but was not detected. Reporting Limit presented.

J - Indicates an estimate value detected at a concentration above the method detection limit but below the reporting limit.

J+ - Result is biased high.

R - Rejected, Unusable

I - The lower value for the two columns has been reported due to obvious interference.

P - The relative percent difference between the results for the two columns exceeds the method-specified criteria.

Table 3.
May 2024 Groundwater Monitoring Results - VOCS for MW-12S and MW-13S
Former Friedrichsohn Cooperage
153-155 Saratoga Avenue
Waterford, New York

LOCATION			MW-12S		MW-13S	
SAMPLE NAME			WATER-MW-12S20240515		WATER-13S20240515	
SAMPLING DATE			5/15/2024		5/15/2024	
LAB SAMPLE ID			L2426911-10		L2426911-10	
	NY-AWQS	Units	Results	Qual	Results	Qual
General Chemistry						
Volatile Organics by GC/MS						
1,1-Dichloroethene	5	µg/L	0.5	U	0.5	U
1,2-Dichloroethane	0.6	µg/L	0.5	U	0.5	U
1,4-Dichlorobenzene	3	µg/L	2.5	U	2.5	U
Acetone	50	µg/L	5	U	5	*UJ*
Benzene	1	µg/L	0.97		0.5	U
Chlorobenzene	5	µg/L	0.98	J	2.5	U
Chloroform	7	µg/L	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	µg/L	1.1	J	2.5	U
Cyclohexanxe		µg/L	1.2	J	10	U
Ethylbenzene	5	µg/L	2.5	U	2.5	U
Methylene chloride	5	µg/L	2.5	U	2.5	U
p/m-Xylene	5	µg/L	2.5	U	0.5	U
Tetrachloroethene	5	µg/L	0.5	U	2.5	U
trans-1,2-Dichloroethene	5	µg/L	2.5	U	2.5	U
Trichloroethene	5	µg/L	0.5	U	0.5	U
Vinyl chloride	2	µg/L	0.72		0.1	

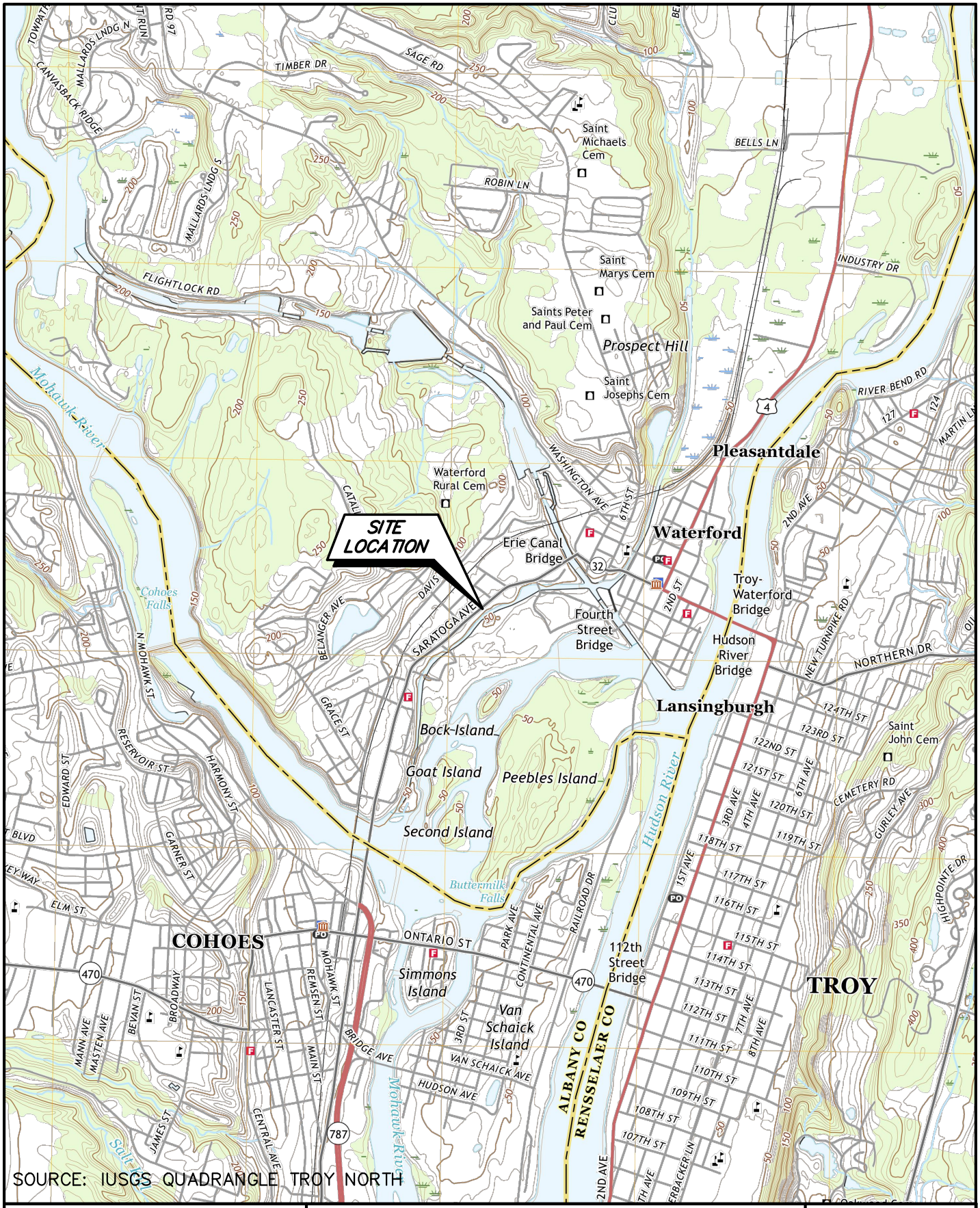
Results compared to the Division of water technical and operational Guidance Series (TOGS) 1.1.1 - Ambient Water Quality Standards (AWQS) and Guidance Values.

U - Indicates the compound was analyzed for but not detected. Reporting limit presented.

J - Indicates an estimate value detected at a concentration above the method detection limit but below the reporting limit.

Italicied Results and Qualifiers: The DUSR indentified some isssue with the data that required alteration of the qualifier. See the DUSR for additional information

FIGURES



III Winners Circle, PO Box 5269
Albany, NY 12205-0269
518.453.4500 . www.chasolutions.com

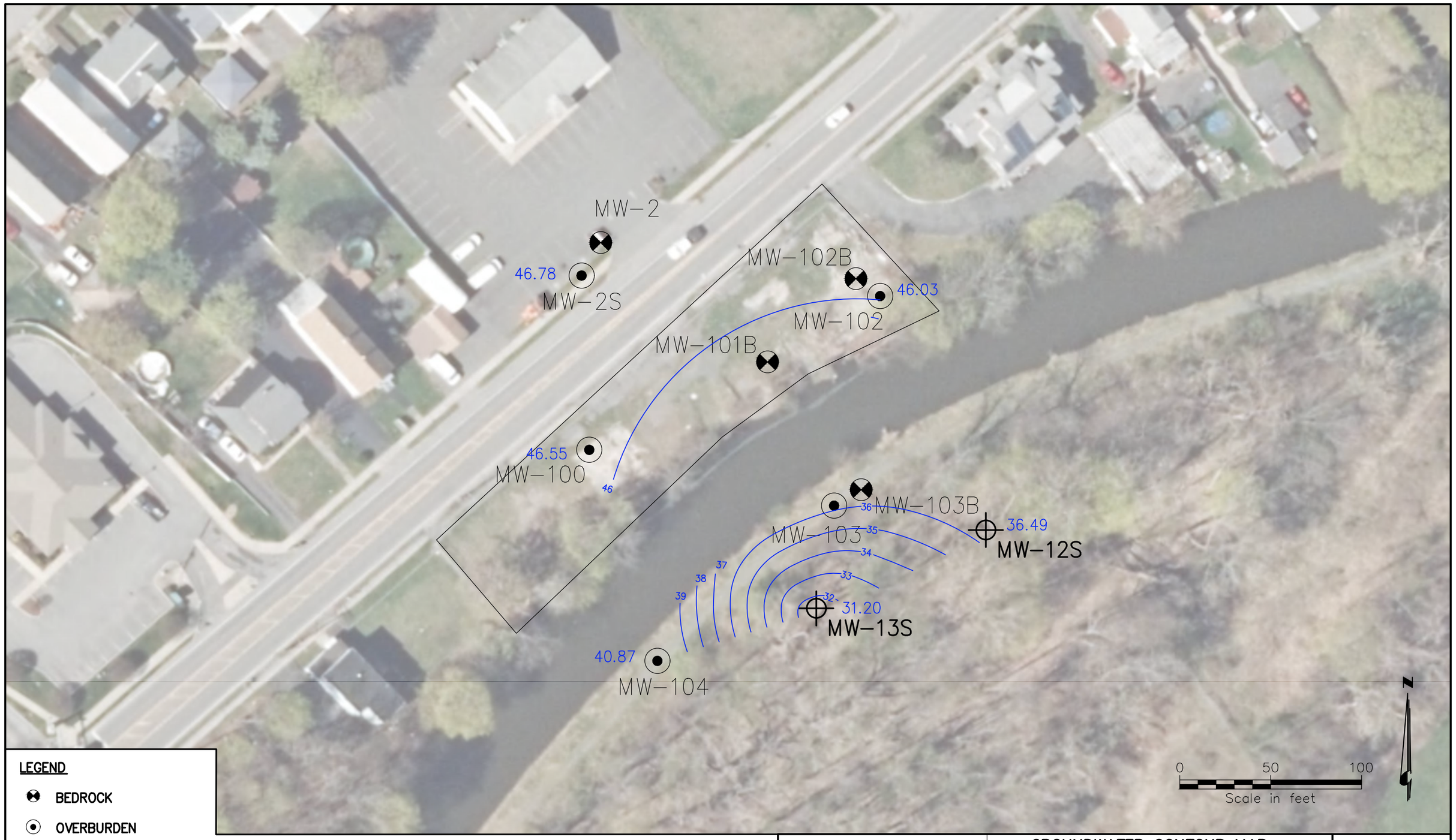
SITE LOCATION MAP

FORMER FRIEDRICHSOHN COOPERAGE
153–155 SARATOGA AVENUE
TOWN OF WATERFORD, NEW YORK

PROJECT NO.
060017.000

06/2024

FIGURE 1



LEGEND

- BEDROCK
- OVERBURDEN
- MONITORING WELL ON MOHAWK PAPER
- 46 GROUNDWATER CONTOUR

GROUNDWATER CONTOUR MAP OF THE SHALLOW MONITORING WELLS. GROUNDWATER APPEARS TO BE INFLUENCED BY THE OLD CHAMPLAIN CANAL LEVEL AND SIGNIFICANTLY DROPS IN ELEVATION ON THE SOUTH SIDE OF THE CANAL. GROUNDWATER FLOW DIRECTION IS EXPECTED TO FLOW TOWARD THE SOUTH-SOUTHEAST TOWARD THE MOHAWK RIVER.

CHA
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Albany, NY 12205-0269
518.453.4500 . www.chacompanies.com

GROUNDWATER CONTOUR MAP – OVERBURDEN WELLS (MAY 2024)

FORMER FRIEDRICHSOHN COOPERAGE
153-155 SARATOGA AVENUE
TOWN OF WATERFORD, NEW YORK

PROJECT NO. 060017.000

DATE: 06/2024

FIGURE 2

LEGEND

- BEDROCK
- OVERBURDEN

DETECTIONS THAT EXCEED THE TOGS 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES PRESENTED.
RESULTS PRESENTED IN MICROGRAMS PER LITER (UG/L)

CHA
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518.453.4500 . www.chacompanies.com

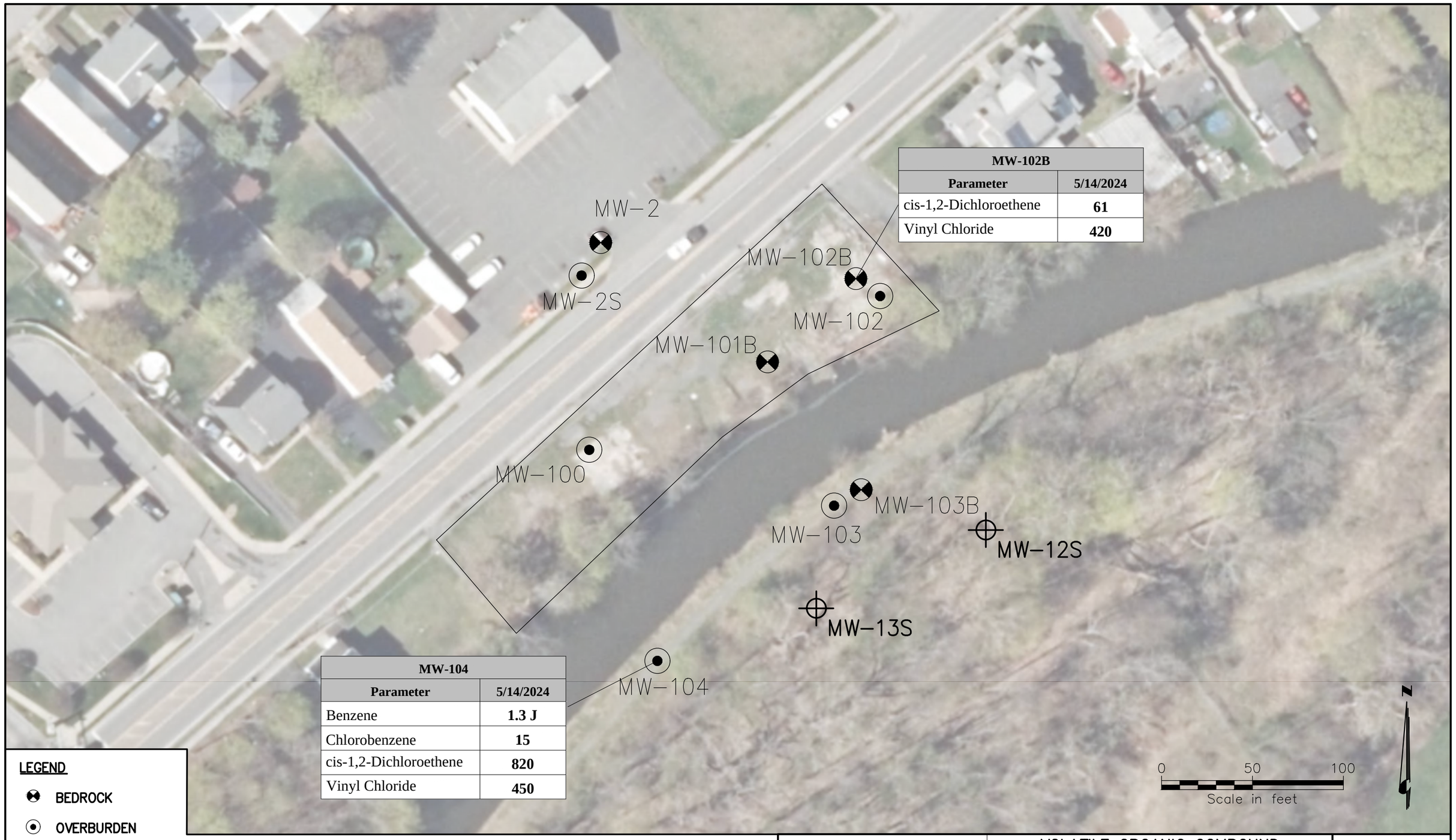
POLYCHLORINATED BIPHENYL RESULTS

FORMER FRIEDRICHSOHN COOPERAGE
153–155 SARATOGA AVENUE
TOWN OF WATERFORD, NEW YORK

PROJECT NO. 060017.000

DATE: 06/2024

FIGURE 3



MW-102B	
Parameter	**5/14/2024**
cis-1,2-Dichloroethene	**61**
Vinyl Chloride	**420**

MW-104	
Parameter	**5/14/2024**
Benzene	**1.3 J**
Chlorobenzene	**15**
cis-1,2-Dichloroethene	**820**
Vinyl Chloride	**450**

LEGEND

- BEDROCK
- OVERBURDEN
- MONITORING WELLS ON MOHAWK PAPER

DETECTIONS THAT EXCEED THE TOGS 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES PRESENTED.
RESULTS PRESENTED IN MICROGRAMS PER LITER (UG/L)

CHA
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VOLATILE ORGANIC COMPOUND RESULTS

FORMER FRIEDRICHSOHN COOPERAGE
153–155 SARATOGA AVENUE
TOWN OF WATERFORD, NEW YORK

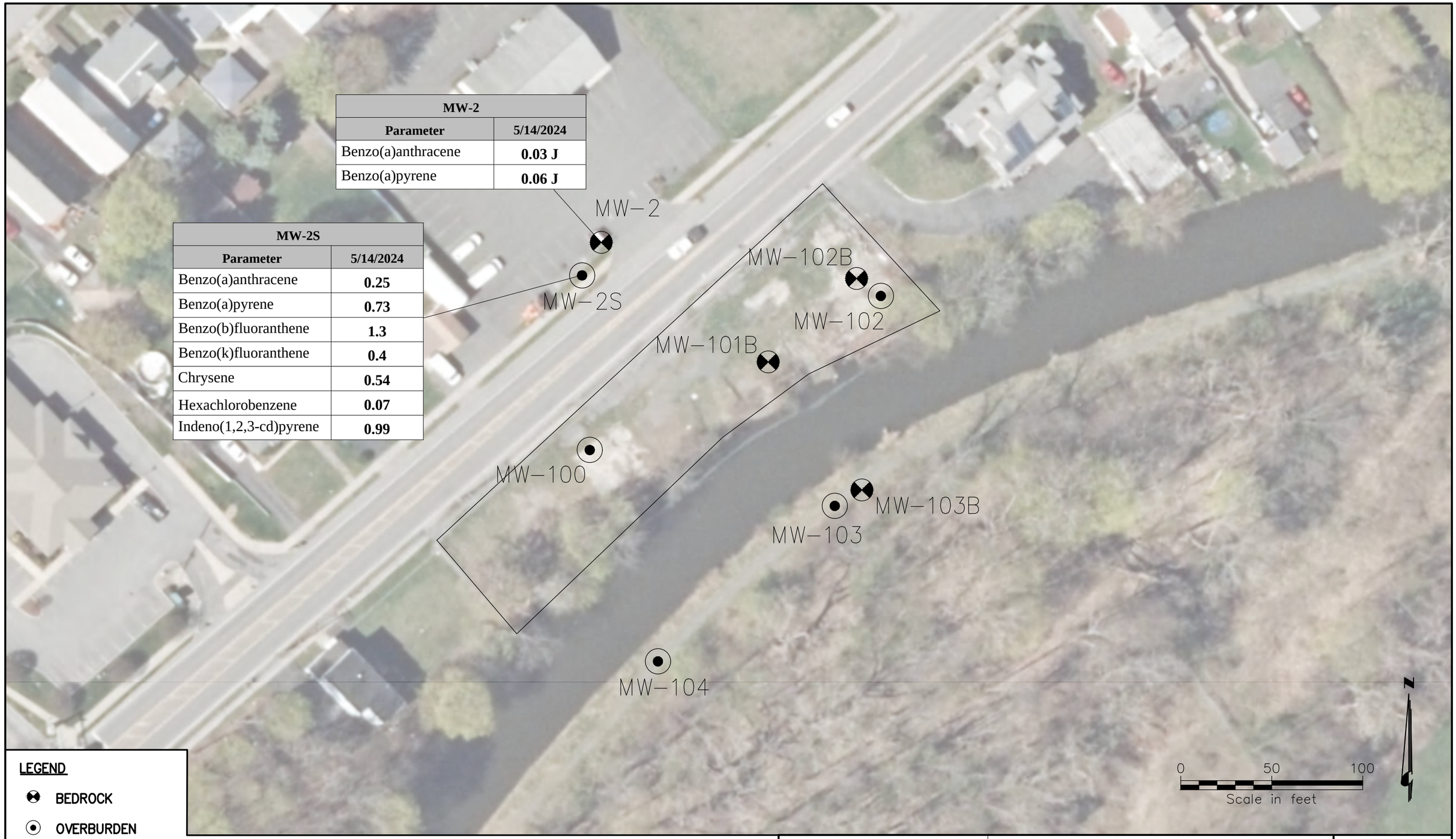
PROJECT NO. 060017.000

DATE: 06/2024

FIGURE 4

MW-2	
Parameter	**5/14/2024**
Benzo(a)anthracene	**0.03 J**
Benzo(a)pyrene	**0.06 J**

MW-2S	
Parameter	**5/14/2024**
Benzo(a)anthracene	**0.25**
Benzo(a)pyrene	**0.73**
Benzo(b)fluoranthene	**1.3**
Benzo(k)fluoranthene	**0.4**
Chrysene	**0.54**
Hexachlorobenzene	**0.07**
Indeno(1,2,3-cd)pyrene	**0.99**



LEGEND

- **BEDROCK**
- **OVERBURDEN**

DETECTIONS THAT EXCEED THE TOGS 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES PRESENTED.
RESULTS PRESENTED IN MICROGRAMS PER LITER (UG/L)
J QUALIFIER = COMPOUND DETECTED ABOVE THE METHOD DETECTION LIMIT BUT BELOW THE REPORTING LIMIT. DETECTION IS ESTIMATED.

CHA
III Winners Circle, PO Box 5269
Albany, NY 12205-0269
518.453.4500 : www.chacompanies.com

SEMIVOLATILE ORGANIC COMPOUND RESULTS

FORMER FRIEDRICHSOHN COOPERAGE
153–155 SARATOGA AVENUE
TOWN OF WATERFORD, NEW YORK

PROJECT NO. 060017.000

DATE: 06/2024

FIGURE 5

ATTACHMENT 1

Analytical Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2426911
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Karyn Ehmann
Phone:	(315) 257-7250
Project Name:	FRIEDRICHSOHN 2024
Project Number:	060017.000.0005000
Report Date:	05/24/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426911-01	MW-100-20240514	WATER	WATERFORD NY	05/14/24 13:00	05/15/24
L2426911-02	MW-101B-20240514	WATER	WATERFORD NY	05/14/24 12:10	05/15/24
L2426911-03	MW-102-20240514	WATER	WATERFORD NY	05/14/24 10:15	05/15/24
L2426911-04	MW-102B-20240514	WATER	WATERFORD NY	05/14/24 09:10	05/15/24
L2426911-05	MW-103-20240515	WATER	WATERFORD NY	05/15/24 10:10	05/15/24
L2426911-06	MW-103B-20240515	WATER	WATERFORD NY	05/15/24 11:15	05/15/24
L2426911-07	MW-104-20240515	WATER	WATERFORD NY	05/15/24 12:10	05/15/24
L2426911-08	MW-2-20240514	WATER	WATERFORD NY	05/14/24 14:45	05/15/24
L2426911-09	MW-2S-20240514	WATER	WATERFORD NY	05/14/24 14:30	05/15/24
L2426911-10	MW-12S-20240515	WATER	WATERFORD NY	05/15/24 13:30	05/15/24
L2426911-11	MW-13S-20240515	WATER	WATERFORD NY	05/15/24 13:00	05/15/24
L2426911-12	CHA-1-20240515	WATER	WATERFORD NY	05/15/24 12:00	05/15/24
L2426911-13	WC-1-20240515	WATER	WATERFORD NY	05/15/24 14:00	05/15/24
L2426911-14	TRIP BLANK	WATER	WATERFORD NY	05/15/24 00:00	05/15/24

Project Name:	FRIEDRICHSOHN 2024	**Lab Number:**	L2426911
Project Number:	060017.000.0005000	**Report Date:**	05/24/24

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: FRIEDRICHSOHN 2024 **Lab Number:** L2426911
Project Number: 060017.000.0005000 **Report Date:** 05/24/24

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.

Sample Receipt

The analyses performed were specified by the client.

Volatile Organics

L2426911-03: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Total Metals

The WG1922789-3/-4 MS/MSD recoveries for iron (176%/171%) and zinc (191%/191%), performed on L2426911-06, do not apply because the sample concentrations are greater than four times the spike amounts added.

Dissolved Metals

The WG1923124-1 Method Blank, associated with L2426911-01 through -09, -12, and -13, has a concentration above the reporting limit for copper. 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".

Nitrogen, Ammonia

L2426911-01: The sample has an elevated detection limit due to the dilution required by the sample matrix.

Sulfate

L2426911-06: The sample has an elevated detection limit due to the dilution required by the sample matrix.

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:  Cristin Walker

Title: Technical Director/Representative Date: 05/24/24

ORGANICS

VOLATILES

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01
Client ID: MW-100-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 13:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 11:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01 Date Collected: 05/14/24 13:00

Client ID: MW-100-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02
Client ID: MW-101B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 11:29
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02 Date Collected: 05/14/24 12:10

Client ID: MW-101B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03
Client ID: MW-102-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 10:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 11:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03 Date Collected: 05/14/24 10:15

Client ID: MW-102-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04
Client ID: MW-102B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 09:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 12:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	430	E	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04 Date Collected: 05/14/24 09:10

Client ID: MW-102B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	61		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04 D
Client ID: MW-102B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 09:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/21/24 21:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	420		ug/l	10	0.71	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05
Client ID: MW-103-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 10:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 12:41
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	4.0		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.54		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.34	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05 Date Collected: 05/15/24 10:10

Client ID: MW-103-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.3	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06
Client ID: MW-103B-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 11:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 13:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	0.78	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.22	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.11	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06 Date Collected: 05/15/24 11:15

Client ID: MW-103B-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07 D
Client ID: MW-104-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 16:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	15		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	1.3	J	ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	450		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	1.1	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07 D
Client ID: MW-104-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	3.6	J	ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	820		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	6.1	J	ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08
Client ID: MW-2-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:45
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 13:30
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08 Date Collected: 05/14/24 14:45

Client ID: MW-2-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09
Client ID: MW-2S-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:30
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 13:54
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.93	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.54		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09 Date Collected: 05/14/24 14:30

Client ID: MW-2S-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-10
Client ID: MW-12S-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 13:30
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 14:18
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	0.98	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.97		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.72	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-10 Date Collected: 05/15/24 13:30

Client ID: MW-12S-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.1	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-11
Client ID: MW-13S-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 13:00
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 14:42
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-11 Date Collected: 05/15/24 13:00

Client ID: MW-13S-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12
Client ID: CHA-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 15:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	4.1		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.55		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.14	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12 Date Collected: 05/15/24 12:00

Client ID: CHA-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.3	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13
Client ID: WC-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 14:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 15:29
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	1.5	J	ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.22	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	27		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13 Date Collected: 05/15/24 14:00

Client ID: WC-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	39		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-14
Client ID: TRIP BLANK
Sample Location: WATERFORD NY

Date Collected: 05/15/24 00:00
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/20/24 15:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-14 Date Collected: 05/15/24 00:00

Client ID: TRIP BLANK Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/24 08:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1924094-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/24 08:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1924094-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/24 08:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1924094-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/21/24 20:58
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1924321-5					
Vinyl chloride	ND		ug/l	1.0	0.07

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1924094-3 WG1924094-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	98		110		70-130	12		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	98		110		63-130	12		20
1,1,2-Trichloroethane	98		110		70-130	12		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	88		98		62-150	11		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	96		100		67-130	4		20
trans-1,3-Dichloropropene	98		110		70-130	12		20
cis-1,3-Dichloropropene	95		110		70-130	15		20
Bromoform	88		99		54-136	12		20
1,1,2,2-Tetrachloroethane	120		130		67-130	8		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	99		110		70-130	11		20
Chloromethane	110		120		64-130	9		20
Bromomethane	77		84		39-139	9		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1924094-3 WG1924094-4								
Chloroethane	120		130		55-138	8		20
1,1-Dichloroethene	97		100		61-145	3		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	89		92		70-130	3		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	88		100		63-130	13		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	94		100		70-130	6		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	97		100		36-147	3		20
Acetone	81		100		58-148	**21**	Q	20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	94		120		63-138	**24**	Q	20
4-Methyl-2-pentanone	92		110		59-130	18		20
2-Hexanone	95		110		57-130	15		20
Bromochloromethane	94		100		70-130	6		20
1,2-Dibromoethane	99		110		70-130	11		20
1,2-Dibromo-3-chloropropane	90		110		41-144	20		20
Isopropylbenzene	96		100		70-130	4		20
1,2,3-Trichlorobenzene	93		110		70-130	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1924094-3 WG1924094-4								
1,2,4-Trichlorobenzene	96		110		70-130	14		20
Methyl Acetate	92		100		70-130	8		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	80		100		56-162	**22**	Q	20
Freon-113	98		99		70-130	1		20
Methyl cyclohexane	97		96		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	105		102		70-130
Dibromofluoromethane	99		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1924321-3 WG1924321-4								
Vinyl chloride	110		110		55-140	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	106		102		70-130
Dibromofluoromethane	93		93		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1924094-6 WG1924094-7 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	ND	10	11	110		11	110		70-130	0		20
Carbon tetrachloride	ND	10	11	110		11	110		63-132	0		20
1,2-Dichloropropane	ND	10	12	120		11	110		70-130	9		20
Dibromochloromethane	ND	10	11	110		10	100		63-130	10		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	ND	10	10	100		11	110		70-130	10		20
Chlorobenzene	0.78J	10	11	110		12	120		75-130	9		20
Trichlorofluoromethane	ND	10	10	100		11	110		62-150	10		20
1,2-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
1,1,1-Trichloroethane	ND	10	11	110		11	110		67-130	0		20
Bromodichloromethane	ND	10	11	110		10	100		67-130	10		20
trans-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
cis-1,3-Dichloropropene	ND	10	9.6	96		9.5	95		70-130	1		20
Bromoform	ND	10	9.6	96		9.4	94		54-136	2		20
1,1,2,2-Tetrachloroethane	ND	10	13	130		13	130		67-130	0		20
Benzene	0.22J	10	12	120		12	120		70-130	0		20
Toluene	ND	10	11	110		11	110		70-130	0		20
Ethylbenzene	ND	10	10	100		10	100		70-130	0		20
Chloromethane	ND	10	12	120		12	120		64-130	0		20
Bromomethane	ND	10	6.0	60		6.9	69		39-139	14		20
Vinyl chloride	0.11J	10	12	120		12	120		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1924094-6 WG1924094-7 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Chloroethane	ND	10	12	120		12	120		55-138	0		20
1,1-Dichloroethene	ND	10	11	110		11	110		61-145	0		20
trans-1,2-Dichloroethene	ND	10	10	100		10	100		70-130	0		20
Trichloroethene	ND	10	9.3	93		9.2	92		70-130	1		20
1,2-Dichlorobenzene	ND	10	11	110		10	100		70-130	10		20
1,3-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,4-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
Methyl tert butyl ether	ND	10	9.9	99		9.8	98		63-130	1		20
p/m-Xylene	ND	20	19	95		19	95		70-130	0		20
o-Xylene	ND	20	18	90		19	95		70-130	5		20
cis-1,2-Dichloroethene	ND	10	11	110		10	100		70-130	10		20
Styrene	ND	20	20	100		20	100		70-130	0		20
Dichlorodifluoromethane	ND	10	10	100		10	100		36-147	0		20
Acetone	2.0J	10	13	130		12	120		58-148	8		20
Carbon disulfide	ND	10	11	110		11	110		51-130	0		20
2-Butanone	ND	10	12	120		10	100		63-138	18		20
4-Methyl-2-pentanone	ND	10	11	110		10	100		59-130	10		20
2-Hexanone	ND	10	11	110		11	110		57-130	0		20
Bromochloromethane	ND	10	10	100		10	100		70-130	0		20
1,2-Dibromoethane	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	10	100		9.5	95		41-144	5		20
Isopropylbenzene	ND	10	9.4	94		9.8	98		70-130	4		20
1,2,3-Trichlorobenzene	ND	10	9.5	95		9.8	98		70-130	3		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1924094-6 WG1924094-7 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
1,2,4-Trichlorobenzene	ND	10	9.6	96		9.6	96		70-130	0		20
Methyl Acetate	ND	10	10	100		9.9	99		70-130	1		20
Cyclohexane	ND	10	9.9J	99		10	100		70-130	1		20
1,4-Dioxane	ND	500	510	102		480	96		56-162	6		20
Freon-113	ND	10	10	100		10	100		70-130	0		20
Methyl cyclohexane	ND	10	9.0J	90		9.1J	91		70-130	1		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		106		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	102		99		70-130
Toluene-d8	104		104		70-130

SEMIVOLATILES

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01
Client ID: MW-100-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 13:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/19/24 23:42
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01 Date Collected: 05/14/24 13:00

Client ID: MW-100-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	75		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01
Client ID: MW-100-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 13:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 13:24
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.13		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01 Date Collected: 05/14/24 13:00

Client ID: MW-100-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	56		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02
Client ID: MW-101B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/20/24 00:06
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02 Date Collected: 05/14/24 12:10

Client ID: MW-101B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	77		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02
Client ID: MW-101B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 13:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.01	J	ug/l	0.10	0.01	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02 Date Collected: 05/14/24 12:10

Client ID: MW-101B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	56		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03
Client ID: MW-102-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 10:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/20/24 00:30
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03 Date Collected: 05/14/24 10:15

Client ID: MW-102-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	83		41-149

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03
Client ID: MW-102-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 10:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 13:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03 Date Collected: 05/14/24 10:15

Client ID: MW-102-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	61		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04
Client ID: MW-102B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 09:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/20/24 00:54
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04 Date Collected: 05/14/24 09:10

Client ID: MW-102B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	85		41-149

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04
Client ID: MW-102B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 09:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 14:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.09	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.1		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.25		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04 Date Collected: 05/14/24 09:10

Client ID: MW-102B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	64		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05
Client ID: MW-103-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 10:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/22/24 02:11
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05 Date Collected: 05/15/24 10:10

Client ID: MW-103-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	75		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05
Client ID: MW-103-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 10:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/22/24 09:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.14		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05 Date Collected: 05/15/24 10:10

Client ID: MW-103-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	61		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06
Client ID: MW-103B-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 11:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/22/24 07:23
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06 Date Collected: 05/15/24 11:15

Client ID: MW-103B-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	46		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06
Client ID: MW-103B-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 11:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/22/24 09:18
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.05	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.01	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06 Date Collected: 05/15/24 11:15

Client ID: MW-103B-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	41		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07
Client ID: MW-104-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/22/24 04:11
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07 Date Collected: 05/15/24 12:10

Client ID: MW-104-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	67		41-149

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07
Client ID: MW-104-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/22/24 10:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.12		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07 Date Collected: 05/15/24 12:10

Client ID: MW-104-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	59		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08
Client ID: MW-2-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:45
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/20/24 01:18
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08 Date Collected: 05/14/24 14:45

Client ID: MW-2-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	79		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08
Client ID: MW-2-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:45
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 14:29
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.04	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08 Date Collected: 05/14/24 14:45

Client ID: MW-2-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	61		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09
Client ID: MW-2S-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:30
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/20/24 05:44
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09 Date Collected: 05/14/24 14:30

Client ID: MW-2S-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	19		10-120
4-Terphenyl-d14	83		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09
Client ID: MW-2S-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:30
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 14:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	0.03	J	ug/l	0.20	0.02	1
Fluoranthene	0.45		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.13		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.25		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.73		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	1.3		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.40		ug/l	0.10	0.01	1
Chrysene	0.54		ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	1.2		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.11		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.16		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.99		ug/l	0.10	0.01	1
Pyrene	0.44		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.07	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09 Date Collected: 05/14/24 14:30

Client ID: MW-2S-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	60		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12
Client ID: CHA-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/22/24 05:47
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12 Date Collected: 05/15/24 12:00

Client ID: CHA-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	73		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12
Client ID: CHA-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/22/24 10:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.06	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12 Date Collected: 05/15/24 12:00

Client ID: CHA-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	111		10-120
4-Terphenyl-d14	63		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13
Client ID: WC-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 14:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/22/24 08:11
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13 Date Collected: 05/15/24 14:00

Client ID: WC-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	67		41-149

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13
Client ID: WC-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 14:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/22/24 10:42
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.11		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.22		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Chrysene	0.10		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.18		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.17		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13 Date Collected: 05/15/24 14:00

Client ID: WC-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	58		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 21:16
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,08-09 Batch: WG1922957-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 21:16
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,08-09 Batch: WG1922957-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	83		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 08:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04,08-09 Batch: WG1922958-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/19/24 08:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/18/24 18:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04,08-09 Batch: WG1922958-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	58		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/21/24 22:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07,12-13 Batch: WG1923710-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/21/24 22:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07,12-13 Batch: WG1923710-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	77		41-149

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/22/24 08:12
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-07,12-13 Batch: WG1923711-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/22/24 08:12
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/21/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-07,12-13 Batch: WG1923711-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	58		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,08-09 Batch: WG1922957-2 WG1922957-3								
Bis(2-chloroethyl)ether	62		49		40-140	23		30
3,3'-Dichlorobenzidine	75		58		40-140	26		30
2,4-Dinitrotoluene	92		73		48-143	23		30
2,6-Dinitrotoluene	91		73		40-140	22		30
4-Chlorophenyl phenyl ether	79		63		40-140	23		30
4-Bromophenyl phenyl ether	89		72		40-140	21		30
Bis(2-chloroisopropyl)ether	53		42		40-140	23		30
Bis(2-chloroethoxy)methane	66		55		40-140	18		30
Hexachlorocyclopentadiene	74		60		40-140	21		30
Isophorone	70		58		40-140	19		30
Nitrobenzene	69		55		40-140	23		30
NDPA/DPA	86		68		40-140	23		30
n-Nitrosodi-n-propylamine	71		55		29-132	25		30
Bis(2-ethylhexyl)phthalate	81		72		40-140	12		30
Butyl benzyl phthalate	89		77		40-140	14		30
Di-n-butylphthalate	88		73		40-140	19		30
Di-n-octylphthalate	83		74		40-140	11		30
Diethyl phthalate	88		69		40-140	24		30
Dimethyl phthalate	85		69		40-140	21		30
Biphenyl	71		60		40-140	17		30
4-Chloroaniline	70		52		40-140	30		30
2-Nitroaniline	92		75		52-143	20		30
3-Nitroaniline	84		60		25-145	**33**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,08-09 Batch: WG1922957-2 WG1922957-3								
4-Nitroaniline	90		65		51-143	**32**	Q	30
Dibenzofuran	75		60		40-140	22		30
1,2,4,5-Tetrachlorobenzene	72		61		2-134	17		30
Acetophenone	64		55		39-129	15		30
2,4,6-Trichlorophenol	83		66		30-130	23		30
p-Chloro-m-cresol	80		68		23-97	16		30
2-Chlorophenol	67		54		27-123	21		30
2,4-Dichlorophenol	74		62		30-130	18		30
2,4-Dimethylphenol	74		66		30-130	11		30
2-Nitrophenol	79		60		30-130	27		30
4-Nitrophenol	**91**	Q	68		10-80	29		30
2,4-Dinitrophenol	90		57		20-130	**45**	Q	30
4,6-Dinitro-o-cresol	107		80		20-164	29		30
Phenol	46		39		12-110	16		30
2-Methylphenol	64		54		30-130	17		30
3-Methylphenol/4-Methylphenol	65		54		30-130	18		30
2,4,5-Trichlorophenol	84		67		30-130	23		30
Carbazole	81		69		55-144	16		30
Atrazine	98		80		40-140	20		30
Benzaldehyde	123		103		40-140	18		30
Caprolactam	36		24		10-130	**40**	Q	30
2,3,4,6-Tetrachlorophenol	92		72		40-140	24		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,08-09 Batch: WG1922957-2 WG1922957-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		45		21-120
Phenol-d6	49		39		10-120
Nitrobenzene-d5	71		56		23-120
2-Fluorobiphenyl	72		60		15-120
2,4,6-Tribromophenol	96		73		10-120
4-Terphenyl-d14	84		71		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04,08-09 Batch: WG1922958-2 WG1922958-3								
Acenaphthene	77		59		40-140	26		40
2-Chloronaphthalene	67		53		40-140	23		40
Fluoranthene	80		60		40-140	29		40
Hexachlorobutadiene	74		57		40-140	26		40
Naphthalene	67		52		40-140	25		40
Benzo(a)anthracene	102		75		40-140	31		40
Benzo(a)pyrene	84		63		40-140	29		40
Benzo(b)fluoranthene	84		64		40-140	27		40
Benzo(k)fluoranthene	85		64		40-140	28		40
Chrysene	96		70		40-140	31		40
Acenaphthylene	68		54		40-140	23		40
Anthracene	88		67		40-140	27		40
Benzo(ghi)perylene	80		59		40-140	30		40
Fluorene	78		60		40-140	26		40
Phenanthrene	84		63		40-140	29		40
Dibenzo(a,h)anthracene	81		60		40-140	30		40
Indeno(1,2,3-cd)pyrene	89		67		40-140	28		40
Pyrene	79		59		40-140	29		40
2-Methylnaphthalene	67		53		40-140	23		40
Pentachlorophenol	97		64		40-140	**41**	Q	40
Hexachlorobenzene	95		73		40-140	26		40
Hexachloroethane	66		51		40-140	26		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04,08-09 Batch: WG1922958-2 WG1922958-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		42		21-120
Phenol-d6	49		36		10-120
Nitrobenzene-d5	77		58		23-120
2-Fluorobiphenyl	65		51		15-120
2,4,6-Tribromophenol	111		84		10-120
4-Terphenyl-d14	61		46		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07,12-13 Batch: WG1923710-2 WG1923710-3								
Bis(2-chloroethyl)ether	54		46		40-140	16		30
3,3'-Dichlorobenzidine	70		51		40-140	**31**	Q	30
2,4-Dinitrotoluene	87		62		48-143	**34**	Q	30
2,6-Dinitrotoluene	92		64		40-140	**36**	Q	30
4-Chlorophenyl phenyl ether	78		55		40-140	**35**	Q	30
4-Bromophenyl phenyl ether	85		60		40-140	**34**	Q	30
Bis(2-chloroisopropyl)ether	48		41		40-140	16		30
Bis(2-chloroethoxy)methane	64		53		40-140	19		30
Hexachlorocyclopentadiene	64		54		40-140	17		30
Isophorone	65		53		40-140	20		30
Nitrobenzene	63		51		40-140	21		30
NDPA/DPA	84		58		40-140	**37**	Q	30
n-Nitrosodi-n-propylamine	63		51		29-132	21		30
Bis(2-ethylhexyl)phthalate	85		58		40-140	**38**	Q	30
Butyl benzyl phthalate	88		64		40-140	**32**	Q	30
Di-n-butylphthalate	88		60		40-140	**38**	Q	30
Di-n-octylphthalate	87		61		40-140	**35**	Q	30
Diethyl phthalate	88		59		40-140	**39**	Q	30
Dimethyl phthalate	87		60		40-140	**37**	Q	30
Biphenyl	74		54		40-140	**31**	Q	30
4-Chloroaniline	70		54		40-140	26		30
2-Nitroaniline	93		64		52-143	**37**	Q	30
3-Nitroaniline	80		58		25-145	**32**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07,12-13 Batch: WG1923710-2 WG1923710-3								
4-Nitroaniline	82		55		51-143	**39**	Q	30
Dibenzofuran	75		54		40-140	**33**	Q	30
1,2,4,5-Tetrachlorobenzene	70		54		2-134	26		30
Acetophenone	61		49		39-129	22		30
2,4,6-Trichlorophenol	82		58		30-130	**34**	Q	30
p-Chloro-m-cresol	86		60		23-97	**36**	Q	30
2-Chlorophenol	61		53		27-123	14		30
2,4-Dichlorophenol	74		57		30-130	26		30
2,4-Dimethylphenol	77		57		30-130	30		30
2-Nitrophenol	72		61		30-130	17		30
4-Nitrophenol	**91**	Q	65		10-80	**33**	Q	30
2,4-Dinitrophenol	92		66		20-130	**33**	Q	30
4,6-Dinitro-o-cresol	102		74		20-164	**32**	Q	30
Phenol	52		40		12-110	26		30
2-Methylphenol	67		52		30-130	25		30
3-Methylphenol/4-Methylphenol	68		52		30-130	27		30
2,4,5-Trichlorophenol	86		62		30-130	**32**	Q	30
Carbazole	81		57		55-144	**35**	Q	30
Atrazine	88		60		40-140	**38**	Q	30
Benzaldehyde	116		100		40-140	15		30
Caprolactam	43		28		10-130	**42**	Q	30
2,3,4,6-Tetrachlorophenol	91		62		40-140	**38**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07,12-13 Batch: WG1923710-2 WG1923710-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		47		21-120
Phenol-d6	50		42		10-120
Nitrobenzene-d5	63		56		23-120
2-Fluorobiphenyl	70		54		15-120
2,4,6-Tribromophenol	96		67		10-120
4-Terphenyl-d14	83		56		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07,12-13 Batch: WG1923711-2 WG1923711-3								
Acenaphthene	82		62		40-140	28		40
2-Chloronaphthalene	68		54		40-140	23		40
Fluoranthene	85		61		40-140	33		40
Hexachlorobutadiene	66		58		40-140	13		40
Naphthalene	74		54		40-140	31		40
Benzo(a)anthracene	109		74		40-140	38		40
Benzo(a)pyrene	89		62		40-140	36		40
Benzo(b)fluoranthene	93		67		40-140	33		40
Benzo(k)fluoranthene	89		59		40-140	**41**	Q	40
Chrysene	100		68		40-140	38		40
Acenaphthylene	71		55		40-140	25		40
Anthracene	93		66		40-140	34		40
Benzo(ghi)perylene	87		55		40-140	**45**	Q	40
Fluorene	86		62		40-140	32		40
Phenanthrene	92		64		40-140	36		40
Dibenzo(a,h)anthracene	86		55		40-140	**44**	Q	40
Indeno(1,2,3-cd)pyrene	96		61		40-140	**45**	Q	40
Pyrene	84		60		40-140	33		40
2-Methylnaphthalene	67		54		40-140	21		40
Pentachlorophenol	107		72		40-140	39		40
Hexachlorobenzene	99		72		40-140	32		40
Hexachloroethane	59		53		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07,12-13 Batch: WG1923711-2 WG1923711-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		52		21-120
Phenol-d6	58		46		10-120
Nitrobenzene-d5	78		65		23-120
2-Fluorobiphenyl	67		53		15-120
2,4,6-Tribromophenol	118		86		10-120
4-Terphenyl-d14	63		45		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07,12-13 QC Batch ID: WG1923710-4 WG1923710-5 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Bis(2-chloroethyl)ether	ND	18.2	10	55		8.2	45		40-140	20		30
3,3'-Dichlorobenzidine	ND	18.2	3.4J	**19**	Q	3.1J	**17**	Q	40-140	9		30
2,4-Dinitrotoluene	ND	18.2	14	77		10	55		48-143	**33**	Q	30
2,6-Dinitrotoluene	ND	18.2	14	77		11	61		40-140	24		30
4-Chlorophenyl phenyl ether	ND	18.2	12	66		9.5	52		40-140	23		30
4-Bromophenyl phenyl ether	ND	18.2	13	72		10	55		40-140	26		30
Bis(2-chloroisopropyl)ether	ND	18.2	8.7	48		7.5	41		40-140	15		30
Bis(2-chloroethoxy)methane	ND	18.2	11	61		9.1	50		40-140	19		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		10.J	55		40-140	26		30
Isophorone	ND	18.2	11	61		9.1	50		40-140	19		30
Nitrobenzene	ND	18.2	11	61		9.4	52		40-140	16		30
NDPA/DPA	ND	18.2	9.8	54		9.2	51		40-140	6		30
n-Nitrosodi-n-propylamine	ND	18.2	11	61		9.1	50		29-132	19		30
Bis(2-ethylhexyl)phthalate	ND	18.2	13	72		10	55		40-140	26		30
Butyl benzyl phthalate	ND	18.2	14	77		11	61		40-140	24		30
Di-n-butylphthalate	ND	18.2	14	77		11	61		40-140	24		30
Di-n-octylphthalate	ND	18.2	14	77		11	61		40-140	24		30
Diethyl phthalate	ND	18.2	14	77		10	55		40-140	**33**	Q	30
Dimethyl phthalate	ND	18.2	13	72		10	55		40-140	26		30
Biphenyl	ND	18.2	12	66		9.4	52		40-140	24		30
4-Chloroaniline	ND	18.2	10	55		8.2	45		40-140	20		30
2-Nitroaniline	ND	18.2	15	83		11	61		52-143	**31**	Q	30
3-Nitroaniline	ND	18.2	12	66		9.3	51		25-145	25		30

Matrix Spike Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07,12-13 QC Batch ID: WG1923710-4 WG1923710-5 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
4-Nitroaniline	ND	18.2	12	66		9.7	53		51-143	21		30
Dibenzofuran	ND	18.2	12	66		9.4	52		40-140	24		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	12	66		9.2J	51		2-134	26		30
Acetophenone	ND	18.2	11	61		8.4	46		39-129	27		30
2,4,6-Trichlorophenol	ND	18.2	13	72		10	55		30-130	26		30
p-Chloro-m-cresol	ND	18.2	14	77		10	55		23-97	**33**	Q	30
2-Chlorophenol	ND	18.2	11	61		8.9	49		27-123	21		30
2,4-Dichlorophenol	ND	18.2	13	72		10	55		30-130	26		30
2,4-Dimethylphenol	ND	18.2	8.9	49		7.7	42		30-130	14		30
2-Nitrophenol	ND	18.2	13	72		10	55		30-130	26		30
4-Nitrophenol	ND	18.2	16	**88**	Q	12	66		10-80	29		30
2,4-Dinitrophenol	ND	18.2	17.J	94		14.J	77		20-130	19		30
4,6-Dinitro-o-cresol	ND	18.2	17	94		13	72		20-164	27		30
Phenol	ND	18.2	9.3	51		6.7	37		12-110	**33**	Q	30
2-Methylphenol	ND	18.2	11	61		9.1	50		30-130	19		30
3-Methylphenol/4-Methylphenol	ND	18.2	11	61		9.1	50		30-130	19		30
2,4,5-Trichlorophenol	ND	18.2	14	77		11	61		30-130	24		30
Carbazole	ND	18.2	13	72		9.6	**53**	Q	55-144	30		30
Atrazine	ND	18.2	14	77		10	55		40-140	**33**	Q	30
Benzaldehyde	ND	18.2	22	120		18	99		40-140	20		30
Caprolactam	ND	18.2	8.1J	45		6.1J	34		10-130	28		30
2,3,4,6-Tetrachlorophenol	ND	18.2	15	83		11	61		40-140	**31**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07,12-13 QC Batch ID: WG1923710-4 WG1923710-5 QC Sample: L2426911-06 Client ID: MW-103B-20240515												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	78		61		10-120
2-Fluorobiphenyl	66		49		15-120
2-Fluorophenol	59		44		21-120
4-Terphenyl-d14	70		50		41-149
Nitrobenzene-d5	65		52		23-120
Phenol-d6	50		37		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024 ***Lab Number:*** L2426911

Project Number: 060017.000.0005000 ***Report Date:*** 05/24/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07,12-13 QC Batch ID: WG1923711-4 WG1923711-5 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Acenaphthene	0.05J	18.2	13	72		9.7	53		40-140	29		40
2-Chloronaphthalene	ND	18.2	12	66		8.4	46		40-140	35		40
Fluoranthene	ND	18.2	13	72		9.3	51		40-140	33		40
Hexachlorobutadiene	ND	18.2	12	66		9.2	51		40-140	26		40
Naphthalene	0.06J	18.2	12	66		8.7	48		40-140	32		40
Benzo(a)anthracene	ND	18.2	16	88		11	61		40-140	37		40
Benzo(a)pyrene	ND	18.2	13	72		9.4	52		40-140	32		40
Benzo(b)fluoranthene	ND	18.2	14	77		9.4	52		40-140	39		40
Benzo(k)fluoranthene	ND	18.2	13	72		9.2	51		40-140	34		40
Chrysene	ND	18.2	14	77		9.8	54		40-140	35		40
Acenaphthylene	ND	18.2	12	66		8.5	47		40-140	34		40
Anthracene	0.01J	18.2	13	72		9.9	54		40-140	27		40
Benzo(ghi)perylene	ND	18.2	13	72		9.2	51		40-140	34		40
Fluorene	0.04J	18.2	13	72		9.5	52		40-140	31		40
Phenanthrene	0.07J	18.2	14	77		9.9	54		40-140	34		40
Dibenzo(a,h)anthracene	ND	18.2	13	72		9.2	51		40-140	34		40
Indeno(1,2,3-cd)pyrene	ND	18.2	14	77		10	55		40-140	33		40
Pyrene	ND	18.2	13	72		9.2	51		40-140	34		40
2-Methylnaphthalene	0.04J	18.2	12	66		8.5	47		40-140	34		40
Pentachlorophenol	ND	18.2	18	99		12	66		40-140	40		40
Hexachlorobenzene	ND	18.2	15	83		11	61		40-140	31		40
Hexachloroethane	ND	18.2	11	61		8.3	46		40-140	28		40

Matrix Spike Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07,12-13 QC Batch ID: WG1923711-4 WG1923711-5 QC Sample: L2426911-06 Client ID: MW-103B-20240515												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	98		69		10-120
2-Fluorobiphenyl	62		45		15-120
2-Fluorophenol	61		46		21-120
4-Terphenyl-d14	52		**36**	Q	41-149
Nitrobenzene-d5	76		57		23-120
Phenol-d6	57		40		10-120

PCBS

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01
Client ID: MW-100-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 13:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 12:14
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02
Client ID: MW-101B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 12:24
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03
Client ID: MW-102-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 10:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 12:33
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04
Client ID: MW-102B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 09:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 12:42
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05
Client ID: MW-103-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 10:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 12:52
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	2.15		ug/l	0.071	0.061	1	B
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	2.15		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06
Client ID: MW-103B-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 11:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 13:01
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	0.571		ug/l	0.071	0.061	1	B
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	0.571		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07
Client ID: MW-104-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 13:30
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	1.02		ug/l	0.071	0.061	1	B
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	1.02		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08
Client ID: MW-2-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:45
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 13:39
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09
Client ID: MW-2S-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:30
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 13:48
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	B
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	B
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12
Client ID: CHA-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 13:58
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	1.84		ug/l	0.071	0.061	1	B
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	1.84		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000
Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13
Client ID: WC-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 14:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/20/24 14:07
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	0.696		ug/l	0.071	0.061	1	B
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	0.696		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/20/24 11:46
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/19/24 01:26
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-09,12-13 Batch: WG1922988-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	106		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09,12-13 Batch: WG1922988-2 WG1922988-3									
Aroclor 1016	69		75		40-140	7		50	A
Aroclor 1260	66		69		40-140	6		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	74		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		75		30-150	B
Decachlorobiphenyl	101		114		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1922988-4 WG1922988-5 QC Sample: L2426911-06 Client ID: MW-103B-20240515													
Aroclor 1016	ND	1.78	1.73	97		1.57	88		40-140	10		50	A
Aroclor 1260	ND	1.78	1.23	69		1.07	60		40-140	14		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		65		30-150	A
Decachlorobiphenyl	82		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		68		30-150	B
Decachlorobiphenyl	110		105		30-150	B

METALS

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01 Date Collected: 05/14/24 13:00

Client ID: MW-100-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15.8		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00097	J	mg/l	0.00400	0.00042	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00484		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Barium, Total	0.1096		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.00048	J	mg/l	0.00050	0.00010	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Cadmium, Total	0.00018	J	mg/l	0.00020	0.00005	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Calcium, Total	223.		mg/l	0.100	0.0394	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Chromium, Total	0.01049		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00906		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Copper, Total	0.01642		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Iron, Total	30.1		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Lead, Total	0.00546		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Magnesium, Total	20.5		mg/l	0.700	0.242	10	05/18/24 09:39	05/23/24 06:05	EPA 3005A	1,6020B	EJF
Manganese, Total	8.431		mg/l	0.01000	0.00440	10	05/18/24 09:39	05/23/24 06:05	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:27	EPA 7470A	1,7470A	JWN
Nickel, Total	0.01596		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Potassium, Total	8.79		mg/l	1.00	0.309	10	05/18/24 09:39	05/23/24 06:05	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Sodium, Total	104.		mg/l	1.00	0.293	10	05/18/24 09:39	05/23/24 06:05	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.01374		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Zinc, Total	0.03491		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/22/24 19:33	EPA 3005A	1,6020B	MRC
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.596		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 08:53	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02 Date Collected: 05/14/24 12:10

Client ID: MW-101B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.48		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00069	J	mg/l	0.00400	0.00042	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00496		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Barium, Total	1.695		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Calcium, Total	13.0		mg/l	1.00	0.394	10	05/18/24 09:39	05/23/24 06:09	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00265		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00301		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Copper, Total	0.00533		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Iron, Total	3.76		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Lead, Total	0.00139		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Magnesium, Total	5.38		mg/l	0.700	0.242	10	05/18/24 09:39	05/23/24 06:09	EPA 3005A	1,6020B	EJF
Manganese, Total	1.095		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:31	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00912		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Potassium, Total	8.01		mg/l	1.00	0.309	10	05/18/24 09:39	05/23/24 06:09	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Sodium, Total	262.		mg/l	1.00	0.293	10	05/18/24 09:39	05/23/24 06:09	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.00202	J	mg/l	0.00500	0.00157	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Zinc, Total	0.00812	J	mg/l	0.01000	0.00341	1	05/18/24 09:39	05/22/24 19:38	EPA 3005A	1,6020B	MRC
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.157		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 08:57	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03 Date Collected: 05/14/24 10:15

Client ID: MW-102-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.64		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Antimony, Total	0.00182	J	mg/l	0.00400	0.00042	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.02930		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Barium, Total	0.04700		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.00024	J	mg/l	0.00050	0.00010	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Cadmium, Total	0.00018	J	mg/l	0.00020	0.00005	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Calcium, Total	108.		mg/l	0.100	0.0394	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00905		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00228		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Copper, Total	0.01990		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Iron, Total	92.5		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Lead, Total	0.01125		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Magnesium, Total	9.76		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:14	EPA 3005A	1,6020B	EJF
Manganese, Total	1.488		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Mercury, Total	0.00033		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:34	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00370		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Potassium, Total	2.49		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:14	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00906		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Silver, Total	0.00020	J	mg/l	0.00040	0.00016	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Sodium, Total	18.2		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:14	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.01718		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Zinc, Total	0.1011		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/22/24 19:42	EPA 3005A	1,6020B	MRC
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	2.88		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 09:02	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04 Date Collected: 05/14/24 09:10

Client ID: MW-102B-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0799		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00037	J	mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Barium, Total	1.162		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Calcium, Total	89.0		mg/l	0.100	0.0394	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00079	J	mg/l	0.00100	0.00017	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Copper, Total	0.00059	J	mg/l	0.00100	0.00038	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Iron, Total	0.377		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Magnesium, Total	21.3		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:18	EPA 3005A	1,6020B	EJF
Manganese, Total	0.5156		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:44	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00297		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Potassium, Total	10.1		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:18	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Sodium, Total	112.		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:18	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Zinc, Total	0.03572		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/22/24 19:47	EPA 3005A	1,6020B	MRC
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.125		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 09:42	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05 Date Collected: 05/15/24 10:10

Client ID: MW-103-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0721		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00639		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Barium, Total	0.09373		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Calcium, Total	59.2		mg/l	0.100	0.0394	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00101		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00023	J	mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Copper, Total	0.00070	J	mg/l	0.00100	0.00038	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Iron, Total	2.30		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Magnesium, Total	10.2		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:23	EPA 3005A	1,6020B	EJF
Manganese, Total	4.611		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:47	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00076	J	mg/l	0.00200	0.00055	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Potassium, Total	2.45		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:23	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Sodium, Total	84.3		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:23	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/22/24 19:52	EPA 3005A	1,6020B	MRC
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	1.98		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 09:46	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06 Date Collected: 05/15/24 11:15

Client ID: MW-103B-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.25		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Antimony, Total	0.00253	J	mg/l	0.00400	0.00042	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00369		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Barium, Total	0.1284		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.00018	J	mg/l	0.00050	0.00010	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Calcium, Total	28.2		mg/l	0.100	0.0394	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00800		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00326		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Copper, Total	0.00913		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Iron, Total	6.37		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Lead, Total	0.00379		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Magnesium, Total	5.52		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Manganese, Total	0.6360		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/20/24 08:10	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00778		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Potassium, Total	5.92		mg/l	0.100	0.0309	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Sodium, Total	31.3		mg/l	0.100	0.0293	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.00673		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Zinc, Total	2.720		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/19/24 13:20	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0420	J	mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 09:06	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07 Date Collected: 05/15/24 12:10

Client ID: MW-104-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.59		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Arsenic, Total	0.00469		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Barium, Total	0.1044		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Beryllium, Total	0.00015	J	mg/l	0.00050	0.00010	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Calcium, Total	45.5		mg/l	0.100	0.0394	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Chromium, Total	0.00497		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Cobalt, Total	0.00202		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Copper, Total	0.00818		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Iron, Total	11.4		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Lead, Total	0.00492		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Magnesium, Total	9.93		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:27	EPA 3005A	1,6020B	EJF
Manganese, Total	3.788		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:50	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00510		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Potassium, Total	2.36		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:27	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Sodium, Total	82.0		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:27	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Vanadium, Total	0.00514		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Zinc, Total	0.01233		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/22/24 19:56	EPA 3005A	1,6020B	MRC
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	3.49		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 09:51	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08 Date Collected: 05/14/24 14:45

Client ID: MW-2-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0554		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00239		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Barium, Total	0.3573		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00028		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Calcium, Total	84.8		mg/l	0.100	0.0394	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00112		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Copper, Total	0.00959		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Iron, Total	0.426		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Lead, Total	0.00062	J	mg/l	0.00100	0.00034	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Magnesium, Total	30.7		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Manganese, Total	0.6479		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:54	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00395		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Potassium, Total	9.75		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Sodium, Total	127.		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00580	J	mg/l	0.01000	0.00341	1	05/18/24 09:39	05/23/24 06:32	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0510		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 09:55	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09 Date Collected: 05/14/24 14:30

Client ID: MW-2S-20240514 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	22.8		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00096	J	mg/l	0.00400	0.00042	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.01302		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Barium, Total	0.4058		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00242		mg/l	0.00050	0.00010	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00771		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Calcium, Total	48.3		mg/l	0.100	0.0394	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Chromium, Total	0.05830		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.03596		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Copper, Total	0.1182		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Iron, Total	48.5		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Lead, Total	0.3705		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Magnesium, Total	18.9		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Manganese, Total	3.034		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00095		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 12:57	EPA 7470A	1,7470A	JWN
Nickel, Total	0.05864		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Potassium, Total	6.31		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Selenium, Total	0.0144		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Silver, Total	0.00266		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Sodium, Total	178.		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00064	J	mg/l	0.00100	0.00014	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.04013		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Zinc, Total	0.4749		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/23/24 06:36	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 10:00	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12 Date Collected: 05/15/24 12:00

Client ID: CHA-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.116		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00647		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Barium, Total	0.1233		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Calcium, Total	50.6		mg/l	0.100	0.0394	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00107		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00029	J	mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Copper, Total	0.00064	J	mg/l	0.00100	0.00038	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Iron, Total	2.45		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Lead, Total	0.00046	J	mg/l	0.00100	0.00034	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Magnesium, Total	10.1		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Manganese, Total	3.501		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 13:00	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00063	J	mg/l	0.00200	0.00055	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Potassium, Total	2.41		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Sodium, Total	82.8		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/23/24 06:41	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	2.02		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 10:04	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13 Date Collected: 05/15/24 14:00

Client ID: WC-1-20240515 Date Received: 05/15/24

Sample Location: WATERFORD NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7.48		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00108	J	mg/l	0.00400	0.00042	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00986		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Barium, Total	0.6443		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00039	J	mg/l	0.00050	0.00010	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00022		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Calcium, Total	55.5		mg/l	0.100	0.0394	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Chromium, Total	0.01386		mg/l	0.00100	0.00017	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00985		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Copper, Total	0.02941		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Iron, Total	22.5		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Lead, Total	0.02300		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Magnesium, Total	15.9		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Manganese, Total	3.356		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/22/24 13:04	EPA 7470A	1,7470A	JWN
Nickel, Total	0.01849		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Potassium, Total	6.97		mg/l	0.100	0.0309	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00312	J	mg/l	0.00500	0.00173	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Sodium, Total	116.		mg/l	0.100	0.0293	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.01472		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Zinc, Total	0.3241		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/23/24 06:45	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	19.6		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 10:09	EPA 3005A	1,6020B	EJF

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

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): 01-09,12-13 Batch: WG1922789-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Chromium, Total	0.00060	J	mg/l	0.00100	0.00017	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Sodium, Total	0.0306	J	mg/l	0.100	0.0293	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/18/24 09:39	05/19/24 14:08	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09,12-13 Batch: WG1922794-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/18/24 10:56	05/20/24 08:03	1,7470A	JWN

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-09,12-13 Batch: WG1923124-1										
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/19/24 17:29	05/20/24 08:44	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09,12-13 Batch: WG1922789-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	95		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	90		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	106		-		80-120	-		
Magnesium, Total	107		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09,12-13 Batch: WG1922789-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-09,12-13 Batch: WG1922794-2					
Mercury, Total	85	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09,12-13 Batch: WG1923124-2					
Iron, Dissolved	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

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): 01-09,12-13 QC Batch ID: WG1922789-3 WG1922789-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Aluminum, Total	3.25	2	5.56	116		5.54	114		75-125	0		20
Antimony, Total	0.00253J	0.5	0.5064	101		0.5096	102		75-125	1		20
Arsenic, Total	0.00369	0.12	0.1277	103		0.1288	104		75-125	1		20
Barium, Total	0.1284	2	2.285	108		2.267	107		75-125	1		20
Beryllium, Total	0.00018J	0.05	0.05055	101		0.05207	104		75-125	3		20
Cadmium, Total	ND	0.053	0.05382	102		0.05527	104		75-125	3		20
Calcium, Total	28.2	10	38.2	100		38.8	106		75-125	2		20
Chromium, Total	0.00800	0.2	0.2062	99		0.2058	99		75-125	0		20
Cobalt, Total	0.00326	0.5	0.5197	103		0.5218	104		75-125	0		20
Copper, Total	0.00913	0.25	0.2617	101		0.2656	102		75-125	1		20
Iron, Total	6.37	1	8.13	**176**	Q	8.08	**171**	Q	75-125	1		20
Lead, Total	0.00379	0.53	0.5589	105		0.5661	106		75-125	1		20
Magnesium, Total	5.52	10	17.3	118		17.2	117		75-125	1		20
Manganese, Total	0.6360	0.5	1.234	120		1.241	121		75-125	1		20
Nickel, Total	0.00778	0.5	0.5093	100		0.5136	101		75-125	1		20
Potassium, Total	5.92	10	17.8	119		17.9	120		75-125	1		20
Selenium, Total	ND	0.12	0.126	105		0.127	106		75-125	1		20
Silver, Total	ND	0.05	0.05404	108		0.05513	110		75-125	2		20
Sodium, Total	31.3	10	43.3	120		43.0	117		75-125	1		20
Thallium, Total	ND	0.12	0.1291	108		0.1314	110		75-125	2		20
Vanadium, Total	0.00673	0.5	0.4962	98		0.5001	99		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

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): 01-09,12-13 QC Batch ID: WG1922789-3 WG1922789-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515											
Zinc, Total	2.720	0.5	3.677	**191**	Q	3.673	**191**	Q	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1922794-3 WG1922794-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515											
Mercury, Total	ND	0.005	0.00485	97		0.00506	101		75-125	4	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1923124-3 WG1923124-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515											
Iron, Dissolved	0.0420J	1	0.999	100		0.985	98		75-125	1	20

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.000500(

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2426911
Report Date: 05/24/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1922789-6 QC Sample: L2426911-06 Client ID: MW-103B-20240515						
Aluminum, Total	3.25	3.33	mg/l	2		20
Barium, Total	0.1284	0.1284	mg/l	0		20
Calcium, Total	28.2	28.4	mg/l	1		20
Iron, Total	6.37	6.88	mg/l	8		20
Magnesium, Total	5.52	6.11	mg/l	11		20
Manganese, Total	0.6360	0.6942	mg/l	9		20
Potassium, Total	5.92	6.55	mg/l	11		20
Sodium, Total	31.3	31.7	mg/l	1		20
Zinc, Total	2.720	2.991	mg/l	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-01
Client ID: MW-100-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 13:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	391.		mg CaCO3/L	2.00	NA	1	-	05/21/24 10:30	121,2320B	MKT
Nitrogen, Ammonia	0.257	J	mg/l	0.375	0.120	5	05/23/24 21:49	05/24/24 09:19	44,350.1	KEP
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	05/16/24 05:50	44,353.2	KAF
Sulfate	90.		mg/l	50	6.8	5	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	5.3		mg/l	0.50	0.10	1	-	05/20/24 06:29	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-02
Client ID: MW-101B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	413.		mg CaCO3/L	4.00	NA	2	-	05/21/24 13:49	121,2320B	MKT
Nitrogen, Ammonia	1.44		mg/l	0.375	0.120	5	05/23/24 21:49	05/24/24 09:20	44,350.1	KEP
Nitrogen, Nitrate	0.12		mg/l	0.10	0.023	1	-	05/16/24 05:51	44,353.2	KAF
Sulfate	4.6	J	mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	2.1		mg/l	0.50	0.10	1	-	05/20/24 07:05	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-03
Client ID: MW-102-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 10:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	178.		mg CaCO3/L	2.00	NA	1	-	05/21/24 11:35	121,2320B	MKT
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	05/23/24 21:49	05/24/24 09:21	44,350.1	KEP
Nitrogen, Nitrate	0.078	J	mg/l	0.10	0.023	1	-	05/16/24 05:52	44,353.2	KAF
Sulfate	40.		mg/l	20	2.7	2	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	2.7		mg/l	0.50	0.10	1	-	05/20/24 07:33	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-04
Client ID: MW-102B-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 09:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	395.		mg CaCO3/L	2.00	NA	1	-	05/21/24 11:40	121,2320B	MKT
Nitrogen, Ammonia	1.35		mg/l	0.075	0.024	1	05/23/24 21:49	05/24/24 09:22	44,350.1	KEP
Nitrogen, Nitrate	0.24		mg/l	0.10	0.023	1	-	05/16/24 05:54	44,353.2	KAF
Sulfate	40.		mg/l	20	2.7	2	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	4.7		mg/l	0.50	0.10	1	-	05/20/24 08:09	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-05
Client ID: MW-103-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 10:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	227.		mg CaCO3/L	2.00	NA	1	-	05/21/24 11:50	121,2320B	MKT
Nitrogen, Ammonia	1.13		mg/l	0.075	0.024	1	05/23/24 21:49	05/24/24 09:23	44,350.1	KEP
Nitrogen, Nitrate	0.25		mg/l	0.10	0.023	1	-	05/16/24 05:59	44,353.2	KAF
Sulfate	16.		mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	3.5		mg/l	0.50	0.10	1	-	05/20/24 08:44	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-06
Client ID: MW-103B-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 11:15
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	116.		mg CaCO3/L	2.00	NA	1	-	05/21/24 11:56	121,2320B	MKT
Nitrogen, Ammonia	0.286		mg/l	0.150	0.048	2	05/23/24 21:49	05/24/24 09:24	44,350.1	KEP
Nitrogen, Nitrate	0.16		mg/l	0.10	0.023	1	-	05/16/24 06:00	44,353.2	KAF
Sulfate	ND		mg/l	20	2.7	2	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	12		mg/l	1.0	0.19	2	-	05/20/24 09:12	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-07
Client ID: MW-104-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:10
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	205.		mg CaCO3/L	2.00	NA	1	-	05/21/24 12:09	121,2320B	MKT
Nitrogen, Ammonia	1.29		mg/l	0.150	0.048	2	05/23/24 21:49	05/24/24 09:29	44,350.1	KEP
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	05/16/24 06:04	44,353.2	KAF
Sulfate	9.7	J	mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	4.0		mg/l	0.50	0.10	1	-	05/20/24 10:47	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-08
Client ID: MW-2-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:45
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	160.		mg CaCO3/L	2.00	NA	1	-	05/21/24 12:15	121,2320B	MKT
Nitrogen, Ammonia	1.72		mg/l	0.075	0.024	1	05/23/24 21:49	05/24/24 09:45	44,350.1	KEP
Nitrogen, Nitrate	0.041	J	mg/l	0.10	0.023	1	-	05/16/24 06:05	44,353.2	KAF
Sulfate	71.		mg/l	25	3.4	2.5	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	0.44	J	mg/l	0.50	0.10	1	-	05/20/24 11:22	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-09
Client ID: MW-2S-20240514
Sample Location: WATERFORD NY

Date Collected: 05/14/24 14:30
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	99.8		mg CaCO3/L	2.00	NA	1	-	05/21/24 12:20	121,2320B	MKT
Nitrogen, Ammonia	0.096		mg/l	0.075	0.024	1	05/23/24 21:49	05/24/24 09:30	44,350.1	KEP
Nitrogen, Nitrate	5.3		mg/l	0.10	0.023	1	-	05/16/24 06:07	44,353.2	KAF
Sulfate	30.		mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	0.97		mg/l	0.50	0.10	1	-	05/20/24 12:00	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-12
Client ID: CHA-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 12:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	224.		mg CaCO3/L	2.00	NA	1	-	05/21/24 12:28	121,2320B	MKT
Nitrogen, Ammonia	1.18		mg/l	0.075	0.024	1	05/23/24 21:49	05/24/24 09:31	44,350.1	KEP
Nitrogen, Nitrate	0.25		mg/l	0.10	0.023	1	-	05/16/24 06:08	44,353.2	KAF
Sulfate	16.		mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	3.5		mg/l	0.50	0.10	1	-	05/20/24 12:35	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2426911-13
Client ID: WC-1-20240515
Sample Location: WATERFORD NY

Date Collected: 05/15/24 14:00
Date Received: 05/15/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	266.		mg CaCO3/L	2.00	NA	1	-	05/21/24 12:34	121,2320B	MKT
Nitrogen, Ammonia	0.742		mg/l	0.375	0.120	5	05/23/24 21:49	05/24/24 09:32	44,350.1	KEP
Nitrogen, Nitrate	2.4		mg/l	0.10	0.023	1	-	05/16/24 06:09	44,353.2	KAF
Sulfate	38.		mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
Total Organic Carbon	6.1		mg/l	5.0	0.97	10	-	05/20/24 12:59	1,9060A	DEW

Project Name: FRIEDRICHSOHN 2024 **Lab Number:** L2426911

Project Number: 060017.000.0005000 **Report Date:** 05/24/24

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): 13 Batch: WG1921712-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	05/16/24 02:56	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 01-09,12 Batch: WG1921761-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.023	1	-	05/16/24 05:29	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 01-09,12-13 Batch: WG1923177-1										
Total Organic Carbon	ND		mg/l	0.50	0.10	1	-	05/20/24 03:51	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1923742-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	05/21/24 08:07	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 02-09,12-13 Batch: WG1923788-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	05/21/24 11:16	121,2320B	MKT
General Chemistry - Westborough Lab for sample(s): 01-09,12 Batch: WG1924354-1										
Sulfate	2.0	J	mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
General Chemistry - Westborough Lab for sample(s): 13 Batch: WG1924356-1										
Sulfate	2.1	J	mg/l	10	1.4	1	05/22/24 11:30	05/22/24 11:30	1,9038	MRW
General Chemistry - Westborough Lab for sample(s): 01-09,12-13 Batch: WG1925214-1										
Nitrogen, Ammonia	ND		mg/l	0.075	0.024	1	05/23/24 21:49	05/24/24 09:16	44,350.1	KEP

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13 Batch: WG1921712-2								
Nitrogen, Nitrate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09,12 Batch: WG1921761-2								
Nitrogen, Nitrate	102		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 Batch: WG1923177-2								
Total Organic Carbon	92		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1923742-2								
Alkalinity, Total	101		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 02-09,12-13 Batch: WG1923788-2								
Alkalinity, Total	100		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-09,12 Batch: WG1924354-2								
Sulfate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 13 Batch: WG1924356-2								
Sulfate	95		-		90-110	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 Batch: WG1925214-2					
Nitrogen, Ammonia	102	-	90-110	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

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): 13 QC Batch ID: WG1921712-4 QC Sample: L2426864-01 Client ID: MS Sample												
Nitrogen, Nitrate	5.2	4	9.4	105		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-09,12 QC Batch ID: WG1921761-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Nitrogen, Nitrate	0.16	4	4.2	101		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1923177-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Total Organic Carbon	12	16	28	98		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1923177-6 QC Sample: L2426911-07 Client ID: MW-104-20240515												
Total Organic Carbon	4.0	16	20	100		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1923742-4 QC Sample: L2426926-03 Client ID: MS Sample												
Alkalinity, Total	128.	100	227	99		-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 02-09,12-13 QC Batch ID: WG1923788-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Alkalinity, Total	116.	100	224	107		-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-09,12 QC Batch ID: WG1924354-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515												
Sulfate	ND	80	92	115		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 13 QC Batch ID: WG1924356-4 QC Sample: L2426911-13 Client ID: WC-1-20240515												
Sulfate	38.	50	88	100		-	-		55-147	-		14

Matrix Spike Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1925214-4 QC Sample: L2426911-06 Client ID: MW-103B-20240515									
Nitrogen, Ammonia	0.286	8	8.34	101	-	-	90-110	-	20
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1925214-6 QC Sample: L2427204-05 Client ID: MS Sample									
Nitrogen, Ammonia	0.150	4	4.56	110	-	-	90-110	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13 QC Batch ID: WG1921712-3 QC Sample: L2426864-01 Client ID: DUP Sample						
Nitrogen, Nitrate	5.2	5.2	mg/l	0		6
General Chemistry - Westborough Lab Associated sample(s): 01-09,12 QC Batch ID: WG1921761-3 QC Sample: L2426911-06 Client ID: MW-103B-20240515						
Nitrogen, Nitrate	0.16	0.15	mg/l	6		6
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1923177-3 QC Sample: L2426911-06 Client ID: MW-103B-20240515						
Total Organic Carbon	12	12	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1923177-5 QC Sample: L2426911-07 Client ID: MW-104-20240515						
Total Organic Carbon	4.0	4.0	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1923742-3 QC Sample: L2426926-03 Client ID: DUP Sample						
Alkalinity, Total	128.	125	mg CaCO3/L	2		10
General Chemistry - Westborough Lab Associated sample(s): 02-09,12-13 QC Batch ID: WG1923788-3 QC Sample: L2426911-06 Client ID: MW-103B-20240515						
Alkalinity, Total	116.	116	mg CaCO3/L	0		10
General Chemistry - Westborough Lab Associated sample(s): 01-09,12 QC Batch ID: WG1924354-3 QC Sample: L2426911-06 Client ID: MW-103B-20240515						
Sulfate	ND	ND	mg/l	NC		14
General Chemistry - Westborough Lab Associated sample(s): 13 QC Batch ID: WG1924356-3 QC Sample: L2426911-13 Client ID: WC-1-20240515						
Sulfate	38.	37	mg/l	3		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: FRIEDRICHSOHN 2024

Project Number: 060017.000.0005000

Lab Number: L2426911

Report Date: 05/24/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1925214-3 QC Sample: L2426911-06 Client ID: MW-103B-20240515						
Nitrogen, Ammonia	0.286	0.266	mg/l	7		20
General Chemistry - Westborough Lab Associated sample(s): 01-09,12-13 QC Batch ID: WG1925214-5 QC Sample: L2427204-05 Client ID: DUP Sample						
Nitrogen, Ammonia	0.150	0.112	mg/l	**29**	Q	20

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-01A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-01B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-01C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-01D	Vial H2SO4 preserved	D	NA		3.7	Y	Absent		TOC-9060(28)
L2426911-01E	Vial H2SO4 preserved	D	NA		3.7	Y	Absent		TOC-9060(28)
L2426911-01F	Vial H2SO4 preserved	D	NA		3.7	Y	Absent		TOC-9060(28)
L2426911-01G	Amber 120ml unpreserved	D	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2426911-01H	Amber 120ml unpreserved	D	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2426911-01J	Plastic 250ml unpreserved/No Headspace	D	NA		3.7	Y	Absent		ALK-T-2320(14)
L2426911-01K	Plastic 250ml unpreserved	D	7	7	3.7	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-01L	Plastic 250ml HNO3 preserved	D	<2	<2	3.7	Y	Absent		FE-6020S(180)
L2426911-01M	Plastic 250ml HNO3 preserved	D	<2	<2	3.7	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2426911-01N	Amber 250ml unpreserved	D	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-01O	Amber 250ml unpreserved	D	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-01P	Plastic 500ml H2SO4 preserved	D	<2	<2	3.7	Y	Absent		NH3-350(28)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-02A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-02B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-02C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-02D	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-02E	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-02F	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-02G	Amber 120ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2426911-02H	Amber 120ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2426911-02J	Plastic 250ml unpreserved/No Headspace	E	NA		2.6	Y	Absent		ALK-T-2320(14)
L2426911-02K	Plastic 250ml unpreserved	E	7	7	2.6	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-02L	Plastic 250ml HNO3 preserved	E	<2	<2	2.6	Y	Absent		FE-6020S(180)
L2426911-02M	Plastic 250ml HNO3 preserved	E	<2	<2	2.6	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2426911-02N	Amber 250ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-02O	Amber 250ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-02P	Plastic 500ml H2SO4 preserved	E	<2	<2	2.6	Y	Absent		NH3-350(28)
L2426911-03A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-03B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-03C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-03D	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-03E	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-03F	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-03G	Amber 120ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2426911-03H	Amber 120ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2426911-03J	Plastic 250ml unpreserved/No Headspace	E	NA		2.6	Y	Absent		ALK-T-2320(14)
L2426911-03K	Plastic 250ml unpreserved	E	7	7	2.6	Y	Absent		SO4-9038(28),NO3-353(2)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-03L	Plastic 250ml HNO3 preserved	E	<2	<2	2.6	Y	Absent		FE-6020S(180)
L2426911-03M	Plastic 250ml HNO3 preserved	E	<2	<2	2.6	Y	Absent		TL-6020T(180),FE-6020T(180),BA-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2426911-03N	Amber 250ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-03O	Amber 250ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-03P	Plastic 500ml H2SO4 preserved	E	<2	<2	2.6	Y	Absent		NH3-350(28)
L2426911-04A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-04B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-04C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-04D	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-04E	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-04F	Vial H2SO4 preserved	E	NA		2.6	Y	Absent		TOC-9060(28)
L2426911-04G	Amber 120ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2426911-04H	Amber 120ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2426911-04J	Plastic 250ml unpreserved/No Headspace	E	NA		2.6	Y	Absent		ALK-T-2320(14)
L2426911-04K	Plastic 250ml unpreserved	E	7	7	2.6	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-04L	Plastic 250ml HNO3 preserved	E	<2	<2	2.6	Y	Absent		FE-6020S(180)
L2426911-04M	Plastic 250ml HNO3 preserved	E	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2426911-04N	Amber 250ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-04O	Amber 250ml unpreserved	E	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-04P	Plastic 500ml H2SO4 preserved	E	<2	<2	2.6	Y	Absent		NH3-350(28)
L2426911-05A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-05B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-05C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-05D	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-05E	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-05F	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-05G	Amber 120ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-05H	Amber 120ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-05J	Plastic 250ml unpreserved/No Headspace	C	NA		4.5	Y	Absent		ALK-T-2320(14)
L2426911-05K	Plastic 250ml unpreserved	C	7	7	4.5	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-05L	Plastic 250ml HNO3 preserved	C	<2	<2	4.5	Y	Absent		FE-6020S(180)
L2426911-05M	Plastic 250ml HNO3 preserved	C	<2	<2	4.5	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2426911-05N	Amber 250ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-05O	Amber 250ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-05P	Plastic 500ml H2SO4 preserved	C	<2	<2	4.5	Y	Absent		NH3-350(28)
L2426911-06A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06A1	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06A2	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06B1	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06B2	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06C1	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06C2	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-06D	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-06D1	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06D2	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06E	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06E1	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06E2	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06F	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06F1	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06F2	Vial H2SO4 preserved	B	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-06G	Amber 120ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-06G1	Amber 120ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-06G2	Amber 120ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-06H	Amber 120ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-06H1	Amber 120ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-06H2	Amber 120ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-06J	Plastic 250ml unpreserved/No Headspace	B	NA		4.5	Y	Absent		ALK-T-2320(14)
L2426911-06J1	Plastic 250ml unpreserved/No Headspace	B	NA		4.5	Y	Absent		ALK-T-2320(14)
L2426911-06J2	Plastic 250ml unpreserved/No Headspace	B	NA		4.5	Y	Absent		ALK-T-2320(14)
L2426911-06K	Plastic 250ml unpreserved	B	7	7	4.5	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-06K1	Plastic 250ml unpreserved	B	7	7	4.5	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-06K2	Plastic 250ml unpreserved	B	7	7	4.5	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-06L	Plastic 250ml HNO3 preserved	B	<2	<2	4.5	Y	Absent		FE-6020S(180)
L2426911-06L1	Plastic 250ml HNO3 preserved	B	<2	<2	4.5	Y	Absent		FE-6020S(180)
L2426911-06L2	Plastic 250ml HNO3 preserved	B	<2	<2	4.5	Y	Absent		FE-6020S(180)
L2426911-06M	Plastic 250ml HNO3 preserved	B	<2	<2	4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-06M1	Plastic 250ml HNO3 preserved	B	<2	<2	4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2426911-06M2	Plastic 250ml HNO3 preserved	B	<2	<2	4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2426911-06N	Amber 250ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-06N1	Amber 250ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-06N2	Amber 250ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-06O	Amber 250ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-06O1	Amber 250ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-06O2	Amber 250ml unpreserved	B	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-06P	Plastic 500ml H2SO4 preserved	B	<2	<2	4.5	Y	Absent		NH3-350(28)
L2426911-06P1	Plastic 500ml H2SO4 preserved	B	<2	<2	4.5	Y	Absent		NH3-350(28)
L2426911-06P2	Plastic 500ml H2SO4 preserved	B	<2	<2	4.5	Y	Absent		NH3-350(28)
L2426911-07A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-07B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-07C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-07D	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-07E	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-07F	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-07G	Amber 120ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-07H	Amber 120ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-07J	Plastic 250ml unpreserved/No Headspace	C	NA		4.5	Y	Absent		ALK-T-2320(14)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-07K	Plastic 250ml unpreserved	C	7	7	4.5	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-07L	Plastic 250ml HNO3 preserved	C	<2	<2	4.5	Y	Absent		FE-6020S(180)
L2426911-07M	Plastic 250ml HNO3 preserved	C	<2	<2	4.5	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2426911-07N	Amber 250ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-07O	Amber 250ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-07P	Plastic 500ml H2SO4 preserved	C	<2	<2	4.5	Y	Absent		NH3-350(28)
L2426911-08A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-08B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-08C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-08D	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-08E	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-08F	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-08G	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2426911-08H	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2426911-08J	Plastic 250ml unpreserved/No Headspace	A	NA		2.3	Y	Absent		ALK-T-2320(14)
L2426911-08K	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-08L	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		FE-6020S(180)
L2426911-08M	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2426911-08N	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-08O	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-08P	Plastic 500ml H2SO4 preserved	A	<2	<2	2.3	Y	Absent		NH3-350(28)
L2426911-09A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-09B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-09C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-09D	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-09E	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-09F	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-09G	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2426911-09H	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2426911-09J	Plastic 250ml unpreserved/No Headspace	A	NA		2.3	Y	Absent		ALK-T-2320(14)
L2426911-09K	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-09L	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		FE-6020S(180)
L2426911-09M	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2426911-09N	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-09O	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-09P	Plastic 500ml H2SO4 preserved	A	<2	<2	2.3	Y	Absent		NH3-350(28)
L2426911-10A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-10B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-10C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-11A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-11B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-11C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-12A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-12B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-12C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-12D	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-12E	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-12F	Vial H2SO4 preserved	C	NA		4.5	Y	Absent		TOC-9060(28)
L2426911-12G	Amber 120ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-12H	Amber 120ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8082-LVI(365)
L2426911-12J	Plastic 250ml unpreserved/No Headspace	C	NA		4.5	Y	Absent		ALK-T-2320(14)
L2426911-12K	Plastic 250ml unpreserved	C	7	7	4.5	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-12L	Plastic 250ml HNO3 preserved	C	<2	<2	4.5	Y	Absent		FE-6020S(180)
L2426911-12M	Plastic 250ml HNO3 preserved	C	<2	<2	4.5	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2426911-12N	Amber 250ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-12O	Amber 250ml unpreserved	C	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-12P	Plastic 500ml H2SO4 preserved	C	<2	<2	4.5	Y	Absent		NH3-350(28)
L2426911-13A	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-13B	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-13C	Vial HCl preserved	D	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2426911-13D	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-13E	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-13F	Vial H2SO4 preserved	A	NA		2.3	Y	Absent		TOC-9060(28)
L2426911-13G	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2426911-13H	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2426911-13J	Plastic 250ml unpreserved/No Headspace	A	NA		2.3	Y	Absent		ALK-T-2320(14)
L2426911-13K	Plastic 250ml unpreserved	A	7	7	2.3	Y	Absent		SO4-9038(28),NO3-353(2)
L2426911-13L	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426911-13M	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2426911-13N	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-13O	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2426911-13P	Plastic 500ml H2SO4 preserved	A	<2	<2	2.3	Y	Absent		NH3-350(28)
L2426911-14A	Vial HCl preserved	C	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2426911-14B	Vial HCl preserved	C	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2426911-14C	Vial HCl preserved	C	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2426911-14D	Vial HCl preserved	C	NA		4.5	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	FRIEDRICHSOHN 2024	**Lab Number:**	L2426911
Project Number:	060017.000.0005000	**Report Date:**	05/24/24

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

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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:	FRIEDRICHSOHN 2024	**Lab Number:**	L2426911
Project Number:	060017.000.0005000	**Report Date:**	05/24/24

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:	FRIEDRICHSOHN 2024	**Lab Number:**	L2426911
Project Number:	060017.000.0005000	**Report Date:**	05/24/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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

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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/16/24

ALPHA Job #: L2426941

Client Information
Client: CHA
Address: 11 Winners Circle Albany NY 12205
Phone: 315-257-7250
Fax:
Email: kehmann@chasolutions.com

Project Information
Project Name: Friedrichsonn 2024
Project Location: Waterford NY
Project #: 060017.000.000 5060
(Use Project name as Project #)
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
ASP-A: ☐ ASP-B: X
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. Total Hg Metals & Dissolved Metals

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	NYTCL-8270	NYTCL-8260	TCL PCBs - 8082	TAL Metals - 6020	Dissolved Metals 3005	Dissolved Iron 6020	TOC - 9060	Nitrate - 353.2	Total Alk - 2320	Ammonia NH3 - 350.1	Sulfate 7038	Sample Specific Comments	Total Bottle
26911-01	MW-100-20240514	5/14/24	13:00	GW	CRH	X	X	X	X	X	X	X	X	X	X	X		
02	MW-101B-20240514	↓	12:10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
03	MW-102-20240514	↓	10:15															
04	MW-102B-20240514	↓	9:10															
05	MW-103-20240515	5/15/24	10:10															
06	MW-103B-20240515	↓	11:15														MW-103B	
07	MW-104-20240515	↓	12:10															
08	MW-2-20240514	5/14/24	14:45															
09	MW-25-20240514	↓	14:30															
06	MS/MSD-20240515	5/15/24	11:15															

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
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	5/15/24 15:12		5/15/24 1512
PACE	5/15/24 1512		5/16/24 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

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 2

Date Rec'd in Lab: 5/16/24

ALPHA Job #: L2426911

Client Information

Client: CHA
Address: 11 Winners Circle
Albany NY 12205
Phone: 315-257-7250
Fax:
Email: kchmann@chasolutions.com

Project Information

Project Name: Friedrich John 2024
Project Location: Waterford NY
Project #: 060017.000.0005000
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

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

NYTCL 8260
NYTCL 8270
TCLP BS 2082
TAL Metals 6020
Dissolved Metals 200.8
Dissolved Iron 6020
TOC - 9060
Nitrate - 353.2
Total Alk - 2320
Ammonia - 350.1
Nitrogen
Sulfate - 9038

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
26911-10	MW-12S-20240515	5/15/24	13:30	GW	CRH	
11	MW-13S-20240515		15:00			
12	CHA-1-20240515		12:00			
13	WC-1-20240515		14:00			
14	TRIP BLANK	—	—	W	—	

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
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	5/15/24 15:12		5/15/24 1512
	5/15/24 1512		5/16/24 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)

ATTACHMENT 2

Data Validation Report

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

June 12, 2024

Ms. Karyn Ehmann
Assistant Project Engineer III
CHA
III Winners Circle
P.O. Box 5269
Albany, New York 12205-0269

Re: Data Validation Report
Friedrichsohn Cooperage
May 2024 Ground Water Sampling Events

Dear Ms. Ehmann:

The data usability summary report (DUSR) and data validation reviews are attached to this letter for the Friedrichsohn Cooperage, May 2024 ground water sampling events. The data were mostly acceptable for Alpha Analytica Labs, SDG number L2426911 with some issues that are identified and discussed in the validation summaries. There were data that were qualified rejected, unusable (R) in the data pack. The reason for qualifying the data is outlined in the DUSR and QA/QC review. The data is rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms is attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist CHA.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

z:\projects\2023\23600-23620\23611-friedrichsohn cooperage\temp-review\friedrichsohn-241.ltr.docx

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report
for Alpha Analytical Labs
SDG Number: L2426911

10 Ground Water Samples, 1 Field Duplicate,
and 1 Trip Blank
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of semi-volatiles, PCBs, TAL metals, dissolved iron, ammonia, nitrate, sulfate, total organic carbon, and alkalinity analyses for 10 ground water samples and 1 field duplicate, and the results of volatile analyses for 12 ground water samples, 1 field duplicate, and 1 trip blank.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The volatile result for vinyl chloride in sample MW-102B-20240514 was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for vinyl chloride marked "E" in the undiluted sample was qualified as estimated (J).

- The positive volatile results for acetone were qualified as "estimated" (J) for samples MW-103B-20240515, MW-13S-20240515, and WC-1-20240515 because relative percent difference for acetone was above the allowable maximum in the associated aqueous LCS/LCSD.

- The "not detected" semi-volatile result for 3,3'-dichlorobenzidine was qualified as "rejected, unusable" (R) for sample MW-103B-20240515 because 2 of 2 percent recoveries for 3,3'-dichlorobenzidine were below QC limits and below 30% in the aqueous MS/MSD sample.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The “not detected” semi-volatile result for carbazole was qualified as “estimated” (UJ) for sample MW-103B-20240515 because 1 of 2 percent recoveries for carbazole was below QC limits, but not below 30% in the aqueous MS/MSD sample.

- Positive SIM semi-volatile results for benzo(ghi)perylene and indeno(1,2,3-cd))pyrene were qualified as “estimated” (J) for sample WC-1-20240515 because the relative percent differences for benzo(ghi)perylene and indeno(1,2,3-cd))pyrene were above the allowable maximum for the associated aqueous LCS/LCSD.

- The positive PCB results for aroclor 1242 were qualified as “estimated, biased high” (J+) for samples MW-104-20240515 and WC-1-20240515 because the %RPDs for dual column quantitation of aroclor 1242 were above the allowable maximum, but not above 70% and the higher results were reported.

- The positive metal results for magnesium and potassium were qualified as estimated (J) for all 10 ground water samples and the field duplicate because %Ds for magnesium and potassium were above the allowable maximum in the associated aqueous serial dilution sample and the results were above the RL.

- The positive metal results for aluminum and barium were qualified as estimated (J) for samples MW-103-20240515 and CHA-1-20240515 because the relative percent differences for aluminum and barium were above the allowable maximum in the aqueous field duplicate pair MW-103-20240515/CHA-1-20240515.

All data that are not qualified rejected (R) are considered usable with estimated (J, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A12	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A12	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-01	**Date Collected**	: 05/14/24 13:00
Client ID	: MW-100-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 11:05
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A12	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A14	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A14	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-03	**Date Collected**	: 05/14/24 10:15
Client ID	: MW-102-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 11:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A14	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A15	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	2.5	0.70	U	
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U	
67-66-3	Chloroform	ND	2.5	0.70	U	
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U	
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U	
124-48-1	Dibromochloromethane	ND	0.50	0.15	U	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U	
127-18-4	Tetrachloroethene	ND	0.50	0.18	U	
108-90-7	Chlorobenzene	ND	2.5	0.70	U	
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U	
75-27-4	Bromodichloromethane	ND	0.50	0.19	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U	
75-25-2	Bromoform	ND	2.0	0.65	U	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U	
71-43-2	Benzene	ND	0.50	0.16	U	
108-88-3	Toluene	ND	2.5	0.70	U	
100-41-4	Ethylbenzene	ND	2.5	0.70	U	
74-87-3	Chloromethane	ND	2.5	0.70	U	
74-83-9	Bromomethane	ND	2.5	0.70	U	
75-01-4	Vinyl chloride	430	1.0	0.07	E	J
75-00-3	Chloroethane	ND	2.5	0.70	U	
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A15	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	61	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A15	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04D	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 21:23
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05240521N06	**Instrument ID**	: VOA105
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	420	10	0.71	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	4.0	2.5	0.70	
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.54	0.50	0.16	
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.34	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	1.3	10	0.27	J
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-05	**Date Collected**	: 05/15/24 10:10
Client ID	: MW-103-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 12:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A16	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A17	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	0.78	2.5	0.70	J
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.22	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.11	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A17	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	2.0	5.0	1.5	J	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-06	**Date Collected**	: 05/15/24 11:15
Client ID	: MW-103B-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 13:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A17	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07D	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 16:17
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A25	Instrument ID	: GONZO
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	ND	2.5	0.90	U
108-90-7	Chlorobenzene	15	12	3.5	
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	1.3	2.5	0.80	J
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U
75-01-4	Vinyl chloride	450	5.0	0.36	
75-00-3	Chloroethane	ND	12	3.5	U
75-35-4	1,1-Dichloroethene	1.1	2.5	0.84	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07D	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 16:17
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A25	Instrument ID	: GONZO
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	ND	2.5	0.88	U
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	0.83	U
179601-23-1	p/m-Xylene	3.6	12	3.5	J
95-47-6	o-Xylene	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	820	12	3.5	
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
79-20-9	Methyl Acetate	ND	10	1.2	U
110-82-7	Cyclohexane	6.1	50	1.4	J
123-91-1	1,4-Dioxane	ND	1200	300	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-07D	**Date Collected**	: 05/15/24 12:10
Client ID	: MW-104-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 16:17
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A25	**Instrument ID**	: GONZO
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	12	3.5	U
108-87-2	Methyl cyclohexane	ND	50	2.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A18	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A18	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A18	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A19	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	0.93	2.5	0.70	J
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.54	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A19	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A19	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-10	Date Collected	: 05/15/24 13:30
Client ID	: MW-12S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A20	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	0.98	2.5	0.70	J
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.97	0.50	0.16	
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.72	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-10	Date Collected	: 05/15/24 13:30
Client ID	: MW-12S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A20	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.1	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	1.2	10	0.27	J
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-10	Date Collected	: 05/15/24 13:30
Client ID	: MW-12S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A20	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-11	Date Collected	: 05/15/24 13:00
Client ID	: MW-13S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A21	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.10	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-11	Date Collected	: 05/15/24 13:00
Client ID	: MW-13S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A21	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	13	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-11	Date Collected	: 05/15/24 13:00
Client ID	: MW-13S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A21	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	4.1	2.5	0.70	
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.55	0.50	0.16	
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.14	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	1.3	10	0.27	J
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-12	**Date Collected**	: 05/15/24 12:00
Client ID	: CHA-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 15:05
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A22	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A23	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	1.5	2.5	0.70	J
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.22	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	27	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A23	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	39	2.5	0.70		
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.1	5.0	1.5	J	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	1.2	10	0.27	J	
123-91-1	1,4-Dioxane	ND	250	61.	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A23	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-14	Date Collected	: 05/15/24 00:00
Client ID	: TRIP BLANK	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A24	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-14	Date Collected	: 05/15/24 00:00
Client ID	: TRIP BLANK	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A24	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-14	Date Collected	: 05/15/24 00:00
Client ID	: TRIP BLANK	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A24	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 23:42
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-01	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 23:42
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-01	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-01	**Date Collected**	: 05/14/24 13:00
Client ID	: MW-100-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/19/24 23:42
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-01	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:06
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-02	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:06
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-02	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-02	**Date Collected**	: 05/14/24 12:10
Client ID	: MW-101B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 00:06
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-02	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:30
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-03	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:30
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-03	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-03	**Date Collected**	: 05/14/24 10:15
Client ID	: MW-102-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 00:30
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-03	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:54
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-04	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:54
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-04	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 00:54
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-04	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 02:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-05	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 02:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-05	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-05	**Date Collected**	: 05/15/24 10:10
Client ID	: MW-103-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 02:11
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-05	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 07:23
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-06	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U	R
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U	
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U	
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U	
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U	
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U	
78-59-1	Isophorone	ND	5.0	1.2	U	
98-95-3	Nitrobenzene	ND	2.0	0.77	U	
86-30-6	NDPA/DPA	ND	2.0	0.42	U	
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U	
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U	
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U	
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U	
84-66-2	Diethyl phthalate	ND	5.0	0.38	U	
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U	
92-52-4	Biphenyl	ND	2.0	0.46	U	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U	
88-74-4	2-Nitroaniline	ND	5.0	0.50	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 07:23
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-06	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
99-09-2	3-Nitroaniline	ND	5.0	0.81	U	
100-01-6	4-Nitroaniline	ND	5.0	0.80	U	
132-64-9	Dibenzofuran	ND	2.0	0.50	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U	
98-86-2	Acetophenone	ND	5.0	0.53	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U	
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U	
95-57-8	2-Chlorophenol	ND	2.0	0.48	U	
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U	
88-75-5	2-Nitrophenol	ND	10	0.85	U	
100-02-7	4-Nitrophenol	ND	10	0.67	U	
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U	
108-95-2	Phenol	ND	5.0	0.57	U	
95-48-7	2-Methylphenol	ND	5.0	0.49	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U	
86-74-8	Carbazole	ND	2.0	0.49	U	UJ
1912-24-9	Atrazine	ND	10	0.76	U	
100-52-7	Benzaldehyde	ND	5.0	0.53	U	
105-60-2	Caprolactam	ND	10	3.3	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-06	**Date Collected**	: 05/15/24 11:15
Client ID	: MW-103B-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 07:23
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-06	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 04:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-07	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 04:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-07	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-07	**Date Collected**	: 05/15/24 12:10
Client ID	: MW-104-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 04:11
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-07	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 01:18
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-08	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 01:18
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-08	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-08	**Date Collected**	: 05/14/24 14:45
Client ID	: MW-2-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 01:18
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-08	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 05:44
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-09	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 05:44
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-09	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-09	**Date Collected**	: 05/14/24 14:30
Client ID	: MW-2S-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 05:44
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-09	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 05:47
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-12	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 05:47
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-12	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-12	**Date Collected**	: 05/15/24 12:00
Client ID	: CHA-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 05:47
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-12	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 08:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-13	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 08:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-13	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-13	**Date Collected**	: 05/15/24 14:00
Client ID	: WC-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 08:11
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-13	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 13:24
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-01	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.13	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 13:40
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-02	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.01	0.10	0.01	J
85-01-8	Phenanthrene	0.02	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 13:56
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-03	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.06	0.10	0.05	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.02	0.10	0.01	J
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 14:13
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-04	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.09	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	1.1	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.04	0.10	0.01	J
85-01-8	Phenanthrene	0.04	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.25	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 09:01
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-05	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.04	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.14	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.02	0.10	0.01	J
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	0.07	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 09:18
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-06	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.05	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.06	0.10	0.05	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.01	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.04	0.10	0.01	J
85-01-8	Phenanthrene	0.07	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.04	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 10:09
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-07	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.04	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.12	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	0.07	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 14:29
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-08	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.05	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.04	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.06	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.03	0.10	0.01	J
218-01-9	Chrysene	0.04	0.10	0.01	J
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	0.03	0.10	0.01	J
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.03	0.10	0.01	J
129-00-0	Pyrene	0.04	0.10	0.02	J
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 14:46
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-09	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.02	0.10	0.01	J
91-58-7	2-Chloronaphthalene	0.03	0.20	0.02	J
206-44-0	Fluoranthene	0.45	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.13	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.25	0.10	0.02	
50-32-8	Benzo(a)pyrene	0.73	0.10	0.02	
205-99-2	Benzo(b)fluoranthene	1.3	0.10	0.01	
207-08-9	Benzo(k)fluoranthene	0.40	0.10	0.01	
218-01-9	Chrysene	0.54	0.10	0.01	
208-96-8	Acenaphthylene	0.03	0.10	0.01	J
120-12-7	Anthracene	0.05	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	1.2	0.10	0.01	
86-73-7	Fluorene	0.03	0.10	0.01	J
85-01-8	Phenanthrene	0.11	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	0.16	0.10	0.01	
193-39-5	Indeno(1,2,3-cd)pyrene	0.99	0.10	0.01	
129-00-0	Pyrene	0.44	0.10	0.02	
91-57-6	2-Methylnaphthalene	0.04	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	0.07	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 10:25
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-12	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.04	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.05	0.10	0.05	J
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.03	0.10	0.01	J
85-01-8	Phenanthrene	0.03	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	0.06	0.80	0.01	J
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 10:42
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 26911-13	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	0.02	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.10	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.08	0.10	0.05	J
56-55-3	Benzo(a)anthracene	0.06	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.11	0.10	0.02	
205-99-2	Benzo(b)fluoranthene	0.22	0.10	0.01	
207-08-9	Benzo(k)fluoranthene	0.08	0.10	0.01	J
218-01-9	Chrysene	0.10	0.10	0.01	
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	0.18	0.10	0.01	J
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.04	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.17	0.10	0.01	J
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	0.02	0.80	0.01	J
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:14
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-19	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:24
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-20	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:33
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-21	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:42
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-22	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:52
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-23	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:52
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-23	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	2.15	0.071	0.061	
1336-36-3	PCBs, Total	2.15	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:01
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-24	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:01
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-24	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	0.571	0.071	0.061	
1336-36-3	PCBs, Total	0.571	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-27	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-27	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	1.02	0.071	0.061	J+
1336-36-3	PCBs, Total	1.02	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:39
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-28	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:48
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-29	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:48
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-29	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:58
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-30	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:58
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-30	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	1.84	0.071	0.061	
1336-36-3	PCBs, Total	1.84	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:07
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-31	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:07
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-31	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	0.696	0.071	0.061	J+
1336-36-3	PCBs, Total	0.696	0.071	0.061	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 13:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: WKP
Lab File ID	: WG1923073.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	3.25	0.0100	0.00327		
7440-36-0	Antimony, Total	0.00253	0.00400	0.00042	J	
7440-38-2	Arsenic, Total	0.00369	0.00050	0.00016		
7440-39-3	Barium, Total	0.1284	0.00050	0.00017		
7440-41-7	Beryllium, Total	0.00018	0.00050	0.00010	J	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	28.2	0.100	0.0394		
7440-47-3	Chromium, Total	0.00800	0.00100	0.00017		
7440-48-4	Cobalt, Total	0.00326	0.00050	0.00016		
7440-50-8	Copper, Total	0.00913	0.00100	0.00038		
7439-89-6	Iron, Total	6.37	0.0500	0.0191		
7439-92-1	Lead, Total	0.00379	0.00100	0.00034		
7439-95-4	Magnesium, Total	5.52	0.0700	0.0242		J
7439-96-5	Manganese, Total	0.6360	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00778	0.00200	0.00055		
7440-09-7	Potassium, Total	5.92	0.100	0.0309		J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Total	31.3	0.100	0.0293		
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	0.00673	0.00500	0.00157		
7440-66-6	Zinc, Total	2.720	0.01000	0.00341		

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.596	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.157	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	2.88	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 09:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: EJF
Lab File ID	: WG1923187.csv	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 05/19/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-89-6	Iron, Dissolved	0.125	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	1.98	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.0420	0.0500	0.0191	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	3.49	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.0510	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 10:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-12	**Date Collected**	: 05/15/24 12:00
Client ID	: CHA-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 10:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: EJF
Lab File ID	: WG1923187.csv	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 05/19/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-89-6	Iron, Dissolved	2.02	0.0500	0.0191	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 10:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	19.6	0.0500	0.0191	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	15.8	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00097	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00484	0.00050	0.00016	
7440-39-3	Barium, Total	0.1096	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00048	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00018	0.00020	0.00005	J
7440-70-2	Calcium, Total	223.	0.100	0.0394	
7440-47-3	Chromium, Total	0.01049	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00906	0.00050	0.00016	
7440-50-8	Copper, Total	0.01642	0.00100	0.00038	
7439-89-6	Iron, Total	30.1	0.0500	0.0191	
7439-92-1	Lead, Total	0.00546	0.00100	0.00034	
7440-02-0	Nickel, Total	0.01596	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.01374	0.00500	0.00157	
7440-66-6	Zinc, Total	0.03491	0.01000	0.00341	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	1.48	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00069	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00496	0.00050	0.00016	
7440-39-3	Barium, Total	1.695	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00265	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00301	0.00050	0.00016	
7440-50-8	Copper, Total	0.00533	0.00100	0.00038	
7439-89-6	Iron, Total	3.76	0.0500	0.0191	
7439-92-1	Lead, Total	0.00139	0.00100	0.00034	
7439-96-5	Manganese, Total	1.095	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00912	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00202	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.00812	0.01000	0.00341	J

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	1.64	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00182	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.02930	0.00050	0.00016	
7440-39-3	Barium, Total	0.04700	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00024	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00018	0.00020	0.00005	J
7440-70-2	Calcium, Total	108.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00905	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00228	0.00050	0.00016	
7440-50-8	Copper, Total	0.01990	0.00100	0.00038	
7439-89-6	Iron, Total	92.5	0.0500	0.0191	
7439-92-1	Lead, Total	0.01125	0.00100	0.00034	
7439-96-5	Manganese, Total	1.488	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00370	0.00200	0.00055	
7782-49-2	Selenium, Total	0.00906	0.00500	0.00173	
7440-22-4	Silver, Total	0.00020	0.00040	0.00016	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.01718	0.00500	0.00157	
7440-66-6	Zinc, Total	0.1011	0.01000	0.00341	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0799	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00037	0.00050	0.00016	J
7440-39-3	Barium, Total	1.162	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	89.0	0.100	0.0394	
7440-47-3	Chromium, Total	0.00079	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00059	0.00100	0.00038	J
7439-89-6	Iron, Total	0.377	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-96-5	Manganese, Total	0.5156	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00297	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.03572	0.01000	0.00341	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.0721	0.0100	0.00327		J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Total	0.00639	0.00050	0.00016		
7440-39-3	Barium, Total	0.09373	0.00050	0.00017		J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	59.2	0.100	0.0394		
7440-47-3	Chromium, Total	0.00101	0.00100	0.00017		
7440-48-4	Cobalt, Total	0.00023	0.00050	0.00016	J	
7440-50-8	Copper, Total	0.00070	0.00100	0.00038	J	
7439-89-6	Iron, Total	2.30	0.0500	0.0191		
7439-92-1	Lead, Total	ND	0.00100	0.00034	U	
7439-96-5	Manganese, Total	4.611	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00076	0.00200	0.00055	J	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	2.59	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00469	0.00050	0.00016	
7440-39-3	Barium, Total	0.1044	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00015	0.00050	0.00010	J
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	45.5	0.100	0.0394	
7440-47-3	Chromium, Total	0.00497	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00202	0.00050	0.00016	
7440-50-8	Copper, Total	0.00818	0.00100	0.00038	
7439-89-6	Iron, Total	11.4	0.0500	0.0191	
7439-92-1	Lead, Total	0.00492	0.00100	0.00034	
7439-96-5	Manganese, Total	3.788	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00510	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00514	0.00500	0.00157	
7440-66-6	Zinc, Total	0.01233	0.01000	0.00341	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:05
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	20.5	0.700	0.242	J
7439-96-5	Manganese, Total	8.431	0.01000	0.00440	
7440-09-7	Potassium, Total	8.79	1.00	0.309	J
7440-23-5	Sodium, Total	104.	1.00	0.293	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:09
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	13.0	1.00	0.394	
7439-95-4	Magnesium, Total	5.38	0.700	0.242	J
7440-09-7	Potassium, Total	8.01	1.00	0.309	J
7440-23-5	Sodium, Total	262.	1.00	0.293	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	9.76	0.0700	0.0242	J
7440-09-7	Potassium, Total	2.49	0.100	0.0309	J
7440-23-5	Sodium, Total	18.2	0.100	0.0293	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	21.3	0.0700	0.0242	J
7440-09-7	Potassium, Total	10.1	0.100	0.0309	J
7440-23-5	Sodium, Total	112.	0.100	0.0293	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	10.2	0.0700	0.0242	J
7440-09-7	Potassium, Total	2.45	0.100	0.0309	J
7440-23-5	Sodium, Total	84.3	0.100	0.0293	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	9.93	0.0700	0.0242	J
7440-09-7	Potassium, Total	2.36	0.100	0.0309	J
7440-23-5	Sodium, Total	82.0	0.100	0.0293	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0554	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00239	0.00050	0.00016	
7440-39-3	Barium, Total	0.3573	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00028	0.00020	0.00005	
7440-70-2	Calcium, Total	84.8	0.100	0.0394	
7440-47-3	Chromium, Total	0.00112	0.00100	0.00017	
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00959	0.00100	0.00038	
7439-89-6	Iron, Total	0.426	0.0500	0.0191	
7439-92-1	Lead, Total	0.00062	0.00100	0.00034	J
7439-95-4	Magnesium, Total	30.7	0.0700	0.0242	J
7439-96-5	Manganese, Total	0.6479	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00395	0.00200	0.00055	
7440-09-7	Potassium, Total	9.75	0.100	0.0309	J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	127.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00580	0.01000	0.00341	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	22.8	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00096	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01302	0.00050	0.00016	
7440-39-3	Barium, Total	0.4058	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00242	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00771	0.00020	0.00005	
7440-70-2	Calcium, Total	48.3	0.100	0.0394	
7440-47-3	Chromium, Total	0.05830	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.03596	0.00050	0.00016	
7440-50-8	Copper, Total	0.1182	0.00100	0.00038	
7439-89-6	Iron, Total	48.5	0.0500	0.0191	
7439-92-1	Lead, Total	0.3705	0.00100	0.00034	
7439-95-4	Magnesium, Total	18.9	0.0700	0.0242	J
7439-96-5	Manganese, Total	3.034	0.00100	0.00044	
7440-02-0	Nickel, Total	0.05864	0.00200	0.00055	
7440-09-7	Potassium, Total	6.31	0.100	0.0309	J
7782-49-2	Selenium, Total	0.0144	0.00500	0.00173	
7440-22-4	Silver, Total	0.00266	0.00040	0.00016	
7440-23-5	Sodium, Total	178.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00064	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.04013	0.00500	0.00157	
7440-66-6	Zinc, Total	0.4749	0.01000	0.00341	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.116	0.0100	0.00327		J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Total	0.00647	0.00050	0.00016		
7440-39-3	Barium, Total	0.1233	0.00050	0.00017		J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	50.6	0.100	0.0394		
7440-47-3	Chromium, Total	0.00107	0.00100	0.00017		
7440-48-4	Cobalt, Total	0.00029	0.00050	0.00016	J	
7440-50-8	Copper, Total	0.00064	0.00100	0.00038	J	
7439-89-6	Iron, Total	2.45	0.0500	0.0191		
7439-92-1	Lead, Total	0.00046	0.00100	0.00034	J	
7439-95-4	Magnesium, Total	10.1	0.0700	0.0242		J
7439-96-5	Manganese, Total	3.501	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00063	0.00200	0.00055	J	
7440-09-7	Potassium, Total	2.41	0.100	0.0309		J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Total	82.8	0.100	0.0293		
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U	
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	7.48	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00108	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00986	0.00050	0.00016	
7440-39-3	Barium, Total	0.6443	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00039	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00022	0.00020	0.00005	
7440-70-2	Calcium, Total	55.5	0.100	0.0394	
7440-47-3	Chromium, Total	0.01386	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00985	0.00050	0.00016	
7440-50-8	Copper, Total	0.02941	0.00100	0.00038	
7439-89-6	Iron, Total	22.5	0.0500	0.0191	
7439-92-1	Lead, Total	0.02300	0.00100	0.00034	
7439-95-4	Magnesium, Total	15.9	0.0700	0.0242	J
7439-96-5	Manganese, Total	3.356	0.00100	0.00044	
7440-02-0	Nickel, Total	0.01849	0.00200	0.00055	
7440-09-7	Potassium, Total	6.97	0.100	0.0309	J
7782-49-2	Selenium, Total	0.00312	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	116.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00015	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.01472	0.00500	0.00157	
7440-66-6	Zinc, Total	0.3241	0.01000	0.00341	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1923201.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00033	0.00020	0.00009	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00095	0.00020	0.00009	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 13:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 13:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:19
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	0.257	0.375	0.120	J

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-02	**Date Collected**	: 05/14/24 12:10
Client ID	: MW-101B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/24/24 09:20
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 44,350.1	**Analyst**	: KEP
Lab File ID	: NH320240524-B	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 05/23/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7664-41-7	Nitrogen, Ammonia	1.44	0.375	0.120	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:21
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	ND	0.075	0.024	U

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/24/24 09:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 44,350.1	**Analyst**	: KEP
Lab File ID	: NH320240524-B	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 05/23/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7664-41-7	Nitrogen, Ammonia	1.35	0.075	0.024	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	1.13	0.075	0.024	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:24
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	0.286	0.150	0.048	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:29
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	1.29	0.150	0.048	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-08	**Date Collected**	: 05/14/24 14:45
Client ID	: MW-2-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/24/24 09:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 44,350.1	**Analyst**	: KEP
Lab File ID	: NH320240524-B	**Instrument ID**	: LACHAT
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 05/23/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7664-41-7	Nitrogen, Ammonia	1.72	0.075	0.024	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	0.096	0.075	0.024	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	1.18	0.075	0.024	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/24/24 09:32
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 44,350.1	Analyst	: KEP
Lab File ID	: NH320240524-B	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/23/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7664-41-7	Nitrogen, Ammonia	0.742	0.375	0.120	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 05:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	ND	0.10	0.023	U

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 05:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	0.12	0.10	0.023	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 05:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	0.078	0.10	0.023	J

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 05:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	0.24	0.10	0.023	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 05:59
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	0.25	0.10	0.023	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 06:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	0.16	0.10	0.023	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 06:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	ND	0.10	0.023	U

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 06:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	0.041	0.10	0.023	J

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 06:07
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	5.3	0.10	0.023	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 06:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	0.25	0.10	0.023	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/16/24 06:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 44,353.2	Analyst	: KAF
Lab File ID	: NO3240516-A1	Instrument ID	: LACHAT
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	2.4	0.10	0.023	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 06:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	5.3	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 07:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	2.1	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 07:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	2.7	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	4.7	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	3.5	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:12
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	12	1.0	0.19	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 10:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	4.0	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-08	**Date Collected**	: 05/14/24 14:45
Client ID	: MW-2-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 11:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9060A	**Analyst**	: DEW
Lab File ID	: WG1923177	**Instrument ID**	: TOC-VW4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-44-0	Total Organic Carbon	0.44	0.50	0.10	J

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	0.97	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-12	**Date Collected**	: 05/15/24 12:00
Client ID	: CHA-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 12:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9060A	**Analyst**	: DEW
Lab File ID	: WG1923177	**Instrument ID**	: TOC-VW4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-44-0	Total Organic Carbon	3.5	0.50	0.10	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:59
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,9060A	Analyst	: DEW
Lab File ID	: WG1923177	Instrument ID	: TOC-VW4
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-44-0	Total Organic Carbon	6.1	5.0	0.97	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	90.	50	6.8	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	4.6	10	1.4	J

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	40.	20	2.7	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	40.	20	2.7	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	16.	10	1.4	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 2
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	ND	20	2.7	U

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-07	**Date Collected**	: 05/15/24 12:10
Client ID	: MW-104-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 11:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MRW
Lab File ID	: WG1924354.csv	**Instrument ID**	: SPEC6
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 05/22/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	9.7	10	1.4	J

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	71.	25	3.4	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-09	**Date Collected**	: 05/14/24 14:30
Client ID	: MW-2S-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 11:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MRW
Lab File ID	: WG1924354.csv	**Instrument ID**	: SPEC6
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 05/22/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	30.	10	1.4	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924354.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	16.	10	1.4	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 11:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,9038	Analyst	: MRW
Lab File ID	: WG1924356.csv	Instrument ID	: SPEC6
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	: 05/22/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	38.	10	1.4	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 11:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MKT
Lab File ID	: 240521_csv.csv	**Instrument ID**	: TITR5
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	395.	2.00	NA	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-05	**Date Collected**	: 05/15/24 10:10
Client ID	: MW-103-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 11:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MKT
Lab File ID	: 240521_csv.csv	**Instrument ID**	: TITR5
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	227.	2.00	NA	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-06	**Date Collected**	: 05/15/24 11:15
Client ID	: MW-103B-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 11:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MKT
Lab File ID	: 240521_csv.csv	**Instrument ID**	: TITR5
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	116.	2.00	NA	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/21/24 12:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 121,2320B	Analyst	: MKT
Lab File ID	: 240521_csv.csv	Instrument ID	: TITR5
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg CaCO3/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
471-34-1	Alkalinity, Total	205.	2.00	NA	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-08	**Date Collected**	: 05/14/24 14:45
Client ID	: MW-2-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 12:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MKT
Lab File ID	: 240521_csv.csv	**Instrument ID**	: TITR5
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	160.	2.00	NA	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-09	**Date Collected**	: 05/14/24 14:30
Client ID	: MW-2S-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 12:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MKT
Lab File ID	: 240521_csv.csv	**Instrument ID**	: TITR5
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	99.8	2.00	NA	

Form 1
WETCHEM

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-12	**Date Collected**	: 05/15/24 12:00
Client ID	: CHA-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 12:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MKT
Lab File ID	: 240521_csv.csv	**Instrument ID**	: TITR5
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		mg CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	224.	2.00	NA	

Form 1
WETCHEM

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/21/24 12:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 121,2320B	Analyst	: MKT
Lab File ID	: 240521_csv.csv	Instrument ID	: TITR5
Sample Amount	:	%Solids	: N/A
Digestion Method	:	Date Digested	:

		mg CaCO3/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
471-34-1	Alkalinity, Total	266.	2.00	NA	

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data
for Alpha Analytical, SDG Number: L2426911

12 Ground Water Samples, 1 Field Duplicate,
and 1 Trip Blank
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for acetone, 2-butanone, bromodichloromethane, 4-methyl-2-pentanone, and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 for GONZO on 05-09-24. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for acetone, bromochloromethane, 2-butanone, bromodichloromethane, 4-methyl-2-pentanone, and 1,1,2-trichloroethane were below the method minimums, but not below 0.010 on 05-20-24 (VG240520A01). The %D for bromomethane was above the method maximum on 05-20-24 (VG240520A01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %Ds for bromomethane and 1,4-dioxane were above the allowable maximum (20%) on 05-20-24 (VG240520A01). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: The analyses of the method and trip blanks reported target compounds as not detected.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: Analyzed, but not reported.

Laboratory Control Sample: The relative percent difference (RPD) for vinyl chloride was below the allowable maximum and the percent recoveries (%Rs) were within QC limits for aqueous samples WG1924321-3/4.

The %Rs for target compounds were within QC limits, but the RPDs for acetone, 2-butanone, and 1,4-dioxane were above the allowable maximum for aqueous samples WG1924094-3/4. Positive results for these compounds should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The relative percent differences for benzene and chlorobenzene were below the allowable maximum (20%) for aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The result for vinyl chloride in sample MW-102B-20240514 was quantitated by extrapolating data above the highest calibration standard and marked ‘E’ by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result that is flagged as ‘E’ in the undiluted sample should be considered estimated (J). The use of the diluted result for vinyl chloride is recommended for sample MW-102B-20240514. It is recommended that the undiluted results be used for all other compounds.

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1924094-3	Analysis Date : 05/20/24 06:38	File ID : VG240520A01
LCSD Sample ID	: WG1924094-4	Analysis Date : 05/20/24 07:02	File ID : VG240520A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.9	99	10	10	100	1	70-130	20
1,1-Dichloroethane	10	11	110	10	11	110	0	70-130	20
Chloroform	10	9.8	98	10	11	110	12	70-130	20
Carbon tetrachloride	10	10	100	10	9.9	99	1	63-132	20
1,2-Dichloropropane	10	10	100	10	11	110	10	70-130	20
Dibromochloromethane	10	9.8	98	10	11	110	12	63-130	20
1,1,2-Trichloroethane	10	9.8	98	10	11	110	12	70-130	20
Tetrachloroethene	10	10	100	10	11	110	10	70-130	20
Chlorobenzene	10	10	100	10	11	110	10	75-130	20
Trichlorofluoromethane	10	8.8	88	10	9.8	98	11	62-150	20
1,2-Dichloroethane	10	10	100	10	11	110	10	70-130	20
1,1,1-Trichloroethane	10	10	100	10	11	110	10	67-130	20
Bromodichloromethane	10	9.6	96	10	10	100	4	67-130	20
trans-1,3-Dichloropropene	10	9.8	98	10	11	110	12	70-130	20
cis-1,3-Dichloropropene	10	9.5	95	10	11	110	15	70-130	20
Bromoform	10	8.8	88	10	9.9	99	12	54-136	20
1,1,2,2-Tetrachloroethane	10	12	120	10	13	130	8	67-130	20
Benzene	10	10	100	10	11	110	10	70-130	20
Toluene	10	10	100	10	11	110	10	70-130	20
Ethylbenzene	10	9.9	99	10	11	110	11	70-130	20
Chloromethane	10	11	110	10	12	120	9	64-130	20
Bromomethane	10	7.7	77	10	8.4	84	9	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	12	120	10	13	130	8	55-138	20
1,1-Dichloroethene	10	9.7	97	10	10	100	3	61-145	20
trans-1,2-Dichloroethene	10	9.8	98	10	10	100	2	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1924094-3 Analysis Date : 05/20/24 06:38	File ID	: VG240520A01
LCSD Sample ID	: WG1924094-4 Analysis Date : 05/20/24 07:02	File ID	: VG240520A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	8.9	89	10	9.2	92	3	70-130	20
1,2-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,3-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,4-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
Methyl tert butyl ether	10	8.8	88	10	10	100	13	63-130	20
p/m-Xylene	20	19	95	20	20	100	5	70-130	20
o-Xylene	20	18	90	20	19	95	5	70-130	20
cis-1,2-Dichloroethene	10	9.4	94	10	10	100	6	70-130	20
Styrene	20	19	95	20	21	105	10	70-130	20
Dichlorodifluoromethane	10	9.7	97	10	10	100	3	36-147	20
Acetone	10	8.1	81	10	10	100	21 Q	58-148	20
Carbon disulfide	10	10	100	10	10	100	0	51-130	20
2-Butanone	10	9.4	94	10	12	120	24 Q	63-138	20
4-Methyl-2-pentanone	10	9.2	92	10	11	110	18	59-130	20
2-Hexanone	10	9.5	95	10	11	110	15	57-130	20
Bromochloromethane	10	9.4	94	10	10	100	6	70-130	20
1,2-Dibromoethane	10	9.9	99	10	11	110	11	70-130	20
1,2-Dibromo-3-chloropropane	10	9.0	90	10	11	110	20	41-144	20
Isopropylbenzene	10	9.6	96	10	10	100	4	70-130	20
1,2,3-Trichlorobenzene	10	9.3	93	10	11	110	17	70-130	20
1,2,4-Trichlorobenzene	10	9.6	96	10	11	110	14	70-130	20
Methyl Acetate	10	9.2	92	10	10	100	8	70-130	20
Cyclohexane	10	10	100	10	10	100	0	70-130	20
1,4-Dioxane	500	400	80	500	500	100	22 Q	56-162	20
Freon-113	10	9.8	98	10	9.9	99	1	70-130	20
Methyl cyclohexane	10	9.7	97	10	9.6	96	1	70-130	20

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL21111**
Calibration dates	**: 05/09/24 17:50 05/09/24 21:24**		

Calibration Files

L11 =VG240509A03.D L1 =VG240509A05.D L2 =VG240509A07.D L3 =VG240509A08.D L4 =VG240509A09.D

L6 =VG240509A10.D L8 =VG240509A11.D L10 =VG240509A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo			0.192	0.259	0.271	0.280	0.264	0.257	0.254	12.37
3)	TP	Chloromethane		0.245	0.251	0.250	0.248	0.250	0.257	0.251	0.250	1.44
4)	TC	Vinyl chloride	0.243	0.155	0.229	0.268	0.263	0.276	0.291	0.291	0.252	17.79
5)	TP	Bromomethane		0.322	0.251	0.207	0.190	0.190	0.209	0.215	*L	0.9974
6)	TP	Chloroethane		0.157	0.215	0.196	0.192	0.156	0.130		0.174	18.13
7)	TP	Trichlorofluor			0.262	0.338	0.352	0.377	0.382	0.380	0.349	13.22
8)	TP	Ethyl ether		0.088	0.098	0.094	0.092	0.096	0.103	0.106	0.097	6.50
10)	TC	1,1-Dichloroet		0.110	0.154	0.177	0.183	0.197	0.206	0.210	0.177	19.92
11)	TP	Carbon disulfide		0.445	0.490	0.539	0.555	0.593	0.637	0.661	0.560	13.79
12)	TP	Freon-113			0.137	0.190	0.209	0.225	0.220	0.225	0.201	16.94
13)	TP	Iodomethane		0.213	0.199	0.206	0.247	0.276	0.292	0.292	0.246	16.63
14)	TP	Acrolein		0.024	0.024	0.030	0.031	0.032	0.033	0.034	0.030	13.61
15)	TP	Methylene chlo		0.207	0.220	0.204	0.208	0.210	0.226	0.230	0.215	4.78
17)	TP	Acetone		0.075	0.056	0.050	0.049	0.050	0.054	0.054	0.055	16.38
18)	TP	trans-1,2-Dich		0.159	0.188	0.191	0.199	0.207	0.224	0.230	0.200	11.86
19)	TP	Methyl acetate		0.150	0.110	0.099	0.104	0.107	0.114	0.119	0.115	14.78
20)	TP	Methyl tert butyl ether		0.422	0.467	0.490	0.518	0.546	0.598	0.617	0.523	13.39
21)	TP	tert-Butyl alc		0.015	0.014	0.015	0.015	0.017	0.019	0.019	0.016	12.46
22)	TP	Diisopropyl ether		0.537	0.615	0.655	0.703	0.739	0.813	0.837	0.700	15.31
23)	TP	1,1-Dichloroet		0.296	0.392	0.387	0.399	0.417	0.448	0.443	0.398	12.77
24)	TP	Halothane		0.108	0.143	0.157	0.163	0.173	0.181	0.185	0.158	16.75
25)	TP	Acrylonitrile		0.034	0.052	0.053	0.055	0.058	0.062	0.064	0.054	18.02
26)	TP	Ethyl tert-but		0.509	0.565	0.598	0.647	0.700	0.776	0.815	0.658	16.95
27)	TP	Vinyl acetate		0.249	0.255	0.260	0.265	0.258	0.263	0.271	0.260	2.80
28)	TP	cis-1,2-Dichlo		0.221	0.217	0.214	0.225	0.234	0.254	0.261	0.232	7.96
29)	TP	2,2-Dichloropr		0.210	0.258	0.284	0.306	0.329	0.340	0.339	0.295	16.35
30)	TP	Bromochloromet		0.084	0.105	0.102	0.103	0.106	0.114	0.119	0.105	10.47
31)	TP	Cyclohexane			0.254	0.336	0.402	0.448	0.431	0.450	*L	0.9988
32)	TC	Chloroform		0.322	0.359	0.367	0.387	0.397	0.421	0.434	0.384	9.97
33)	TP	Ethyl acetate		0.139	0.136	0.159	0.171	0.177	0.186	0.187	0.165	12.71
34)	TP	Carbon tetrachloride	0.248	0.181	0.308	0.297	0.322	0.343	0.348	0.345	0.299	19.40
35)	TP	Tetrahydrofuran		0.049	0.050	0.052	0.046	0.048	0.051	0.050	0.049	3.40
36)	S	Dibromofluoromethane	0.254	0.256	0.255	0.252	0.259	0.255	0.255	0.263	0.256	1.38
37)	TP	1,1,1-Trichlor		0.203	0.300	0.331	0.349	0.367	0.376	0.376	0.329	18.80
39)	TP	2-Butanone			0.045	0.077	0.076	0.077	0.084	0.081	0.073	19.61

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL21111**
Calibration dates	**: 05/09/24 17:50 05/09/24 21:24**		

Calibration Files
L11 =VG240509A03.D L1 =VG240509A05.D L2 =VG240509A07.D L3 =VG240509A08.D L4 =VG240509A09.D
L6 =VG240509A10.D L8 =VG240509A11.D L10 =VG240509A12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.174	0.228	0.268	0.287	0.310	0.313	0.313	0.270	19.48
41) TP	Benzene	0.740	0.648	0.782	0.832	0.865	0.904	0.978	1.017	0.846	14.48
42) TP	Tertiary-Amyl Methyl Ether		0.405	0.445	0.492	0.538	0.586	0.645	0.682	0.542	18.89
43) S	1,2-Dichloroethane-d4	0.288	0.297	0.300	0.312	0.306	0.315	0.311	0.329	0.307	4.01
44) TP	1,2-Dichloroet		0.281	0.293	0.289	0.301	0.307	0.329	0.334	0.305	6.64
47) TP	Methyl cyclohe			0.219	0.264	0.342	0.387	0.360	0.389	*L	0.9975
48) TP	Trichloroethene	0.251	0.208	0.230	0.235	0.247	0.266	0.291	0.304	0.254	12.61
50) TP	Dibromomethane		0.120	0.127	0.120	0.124	0.127	0.136	0.137	0.127	5.54
51) TC	1,2-Dichloropr		0.182	0.217	0.215	0.222	0.228	0.242		0.218	9.25
53) TP	2-Chloroethyl		0.074	0.092	0.098	0.111	0.119	0.129	0.131	0.108	19.59
54) TP	Bromodichlorom		0.259	0.290	0.284	0.293	0.304	0.325	0.334	0.298#	8.45
57) TP	1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	6.07
58) TP	cis-1,3-Dichlo		0.262	0.297	0.303	0.326	0.346	0.376	0.389	0.328	13.76
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.251	1.272	1.253	1.276	1.254	1.206	1.194	1.138	1.230	3.86
61) TC	Toluene		0.533	0.654	0.666	0.681	0.706	0.767	0.751	0.680	11.39
62) TP	4-Methyl-2-pen		0.059	0.065	0.071	0.078	0.081	0.090	0.089	0.076	15.50
63) TP	Tetrachloroethene		0.191	0.240	0.258	0.282	0.289	0.301	0.294	0.265	14.77
65) TP	trans-1,3-Dich		0.306	0.336	0.354	0.371	0.383	0.415	0.411	0.368	10.74
67) TP	Ethyl methacry			0.180	0.233	0.260	0.280	0.314	0.313	0.263	19.49
68) TP	1,1,2-Trichlor		0.187	0.188	0.177	0.185	0.187	0.206	0.205	0.191#	5.67
69) TP	Chlorodibromom		0.238	0.280	0.271	0.284	0.293	0.314	0.304	0.283	8.72
70) TP	1,3-Dichloropr		0.348	0.371	0.360	0.367	0.371	0.394	0.375	0.369	3.80
71) TP	1,2-Dibromoethane		0.195	0.220	0.217	0.220	0.219	0.234	0.221	0.218	5.32
72) TP	2-Hexanone		0.085	0.108	0.119	0.136	0.144	0.154	0.143	0.127	19.29
73) TP	Chlorobenzene		0.585	0.742	0.737	0.754	0.794	0.889	0.873	0.768	13.22
74) TC	Ethylbenzene		0.978	1.110	1.216	1.339	1.456	1.604	1.564	1.324	17.75
75) TP	1,1,1,2-Tetrac		0.220	0.259	0.265	0.280	0.292	0.316	0.315	0.278	12.23
76) TP	p/m Xylene		0.339	0.440	0.478	0.535	0.597	0.654	0.641	*Q	0.9982
77) TP	o Xylene		0.348	0.427	0.470	0.527	0.595	0.644	0.621	*Q	0.9978
78) TP	Styrene		0.512	0.691	0.805	0.961	1.083	1.167		*Q	0.9997
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.298	0.300	0.297	0.322	0.346	0.370	0.351	0.326	9.05
82) TP	Isopropylbenzene		1.383	1.812	1.970	2.243	2.465	2.601	2.461	*L	0.9979
83) S	4-Bromofluorobenzene	0.843	0.832	0.849	0.813	0.801	0.763	0.778	0.755	0.804	4.52
84) TP	Bromobenzene		0.567	0.604	0.559	0.559	0.571	0.627	0.608	0.585	4.71

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL21111**
Calibration dates	**: 05/09/24 17:50 05/09/24 21:24**		

Calibration Files
L11 =VG240509A03.D L1 =VG240509A05.D L2 =VG240509A07.D L3 =VG240509A08.D L4 =VG240509A09.D
L6 =VG240509A10.D L8 =VG240509A11.D L10 =VG240509A12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		1.759	2.218	2.325	2.640	2.880	3.023		2.474	18.90
86) TP	1,4-Dichlorobu		0.567	0.693	0.679	0.700	0.724	0.768	0.726	0.694	9.07
87) TP	1,1,2,2-Tetrac		0.465	0.422	0.440	0.431	0.424	0.452	0.443	0.440	3.48
88) TP	4-Ethyltoluene			1.780	1.966	2.169	2.358	2.542	2.393	2.201	13.02
89) TP	2-Chlorotoluene		1.153	1.469	1.517	1.625	1.698	1.830	1.748	1.577	14.30
90) TP	1,3,5-Trimethy		1.299	1.694	1.788	1.991	2.103	2.258	2.156	1.898	17.47
91) TP	1,2,3-Trichlor		0.397	0.392	0.397	0.421	0.430	0.460	0.432	0.418	5.97
92) TP	trans-1,4-Dich		0.131	0.130	0.140	0.150	0.150	0.159	0.153	0.145	7.78
93) TP	4-Chlorotoluene		1.333	1.570	1.604	1.675	1.746	1.896	1.827	1.664	11.21
94) TP	tert-Butylbenzene		0.967	1.262	1.368	1.566	1.699	1.805	1.722	*Q	0.9983
97) TP	1,2,4-Trimethy		1.222	1.611	1.737	1.944	2.071	2.235	2.134	1.851	19.12
98) TP	sec-Butylbenzene		1.286	1.706	1.893	2.274	2.528	2.580		*Q	0.9991
99) TP	p-Isopropyltol		1.012	1.491	1.684	2.025	2.218	2.306		*Q	0.9994
100) TP	1,3-Dichlorobe		0.921	1.049	1.053	1.104	1.155	1.248	1.215	1.106	10.09
101) TP	1,4-Dichlorobe		1.050	1.136	1.083	1.112	1.146	1.258	1.224	1.144	6.48
102) TP	p-Diethylbenzene			0.878	0.954	1.117	1.248	1.330		1.105	17.25
103) TP	n-Butylbenzene		0.892	1.213	1.355	1.626	1.765	1.813	1.719	*Q	0.9982
104) TP	1,2-Dichlorobe		0.899	0.998	1.005	1.019	1.063	1.151	1.138	1.039	8.43
105) TP	1,2,4,5-Tetram			1.150	1.345	1.493	1.707	1.921	1.882	1.583	19.39
106) TP	1,2-Dibromo-3-		0.076	0.077	0.077	0.073	0.077	0.087	0.085	0.079	6.35
107) TP	1,3,5-Trichlor		0.493	0.635	0.609	0.637	0.676	0.755	0.733	0.648	13.43
108) TP	Hexachlorobuta		0.153	0.162	0.157	0.186	0.191	0.202	0.195	0.178	11.29
109) TP	1,2,4-Trichlor		0.497	0.512	0.522	0.524	0.542	0.613	0.604	0.545	8.40
110) TP	Naphthalene		0.942	0.963	1.116	1.111	1.161	1.339	1.298	1.133	13.32
111) TP	1,2,3-Trichlor		0.431	0.434	0.435	0.431	0.441	0.492	0.471	0.448	5.36

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Instrument ID	: GONZO	Calibration Date	: 05/20/24 06:38
Lab File ID	: VG240520A01	Init. Calib. Date(s)	: 05/09/24 05/09/24
Sample No	: WG1924094-2	Init. Calib. Times	: 17:50 21:24
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	106	0
Dichlorodifluoromethane	0.254	0.246	-	3.1	20	100	0
Chloromethane	0.25	0.286	-	-14.4	20	121	0
Vinyl chloride	0.252	0.268	-	-6.3	20	106	0
Bromomethane	10	7.703	-	23*	20	84	0
Chloroethane	0.174	0.201	-	-15.5	20	108	0
Trichlorofluoromethane	0.349	0.308	-	11.7	20	96	0
Ethyl ether	0.097	0.087	-	10.3	20	97	0
1,1-Dichloroethene	0.177	0.172	-	2.8	20	102	0
Carbon disulfide	0.56	0.585	-	-4.5	20	115	0
Freon-113	0.201	0.197	-	2	20	110	0
Acrolein	0.03	0.03	-	0	20	105	0
Methylene chloride	0.215	0.213	-	0.9	20	110	0
Acetone	0.055	0.045	-	18.2	20	95	0
trans-1,2-Dichloroethene	0.2	0.195	-	2.5	20	108	0
Methyl acetate	0.115	0.105	-	8.7	20	112	0
Methyl tert-butyl ether	0.523	0.46	-	12	20	99	0
tert-Butyl alcohol	0.016	0.014	-	12.5	20	98	0
Diisopropyl ether	0.7	0.719	-	-2.7	20	116	0
1,1-Dichloroethane	0.398	0.423	-	-6.3	20	115	0
Halothane	0.158	0.155	-	1.9	20	105	0
Acrylonitrile	0.054	0.053	-	1.9	20	106	0
Ethyl tert-butyl ether	0.658	0.612	-	7	20	108	0
Vinyl acetate	0.26	0.434	-	-66.9*	20	176	0
cis-1,2-Dichloroethene	0.232	0.219	-	5.6	20	108	0
2,2-Dichloropropane	0.295	0.325	-	-10.2	20	121	0
Bromochloromethane	0.105	0.098*	-	6.7	20	102	0
Cyclohexane	10	10.11	-	-1.1	20	125	0
Chloroform	0.384	0.375	-	2.3	20	108	0
Ethyl acetate	0.165	0.17	-	-3	20	113	0
Carbon tetrachloride	0.299	0.301	-	-0.7	20	107	0
Tetrahydrofuran	0.049	0.052	-	-6.1	20	106	0
Dibromofluoromethane	0.256	0.253	-	1.2	20	106	0
1,1,1-Trichloroethane	0.329	0.345	-	-4.9	20	110	0
2-Butanone	0.073	0.069	-	5.5	20	95	0
1,1-Dichloropropene	0.27	0.278	-	-3	20	109	0
Benzene	0.846	0.868	-	-2.6	20	110	0
tert-Amyl methyl ether	0.542	0.468	-	13.7	20	100	0
1,2-Dichloroethane-d4	0.307	0.318	-	-3.6	20	108	0
1,2-Dichloroethane	0.305	0.304	-	0.3	20	111	0
Methyl cyclohexane	10	9.725	-	2.8	20	128	0
Trichloroethene	0.254	0.225	-	11.4	20	101	0
Dibromomethane	0.127	0.118	-	7.1	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Instrument ID	: GONZO	Calibration Date	: 05/20/24 06:38
Lab File ID	: VG240520A01	Init. Calib. Date(s)	: 05/09/24 05/09/24
Sample No	: WG1924094-2	Init. Calib. Times	: 17:50 21:24
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.218	0.227	-	-4.1	20	111	0
Bromodichloromethane	0.298	0.287*	-	3.7	20	107	0
1,4-Dioxane	0.00188	0.0015*	-	20.2*	20	92	0
cis-1,3-Dichloropropene	0.328	0.312	-	4.9	20	109	0
Chlorobenzene-d5	1	1	-	0	20	101	0
Toluene-d8	1.23	1.3	-	-5.7	20	102	0
Toluene	0.68	0.701	-	-3.1	20	106	0
4-Methyl-2-pentanone	0.076	0.07	-	7.9	20	99	0
Tetrachloroethene	0.265	0.281	-	-6	20	110	0
trans-1,3-Dichloropropene	0.368	0.362	-	1.6	20	103	0
Ethyl methacrylate	0.263	0.225	-	14.4	20	97	0
1,1,2-Trichloroethane	0.191	0.187*	-	2.1	20	106	0
Chlorodibromomethane	0.283	0.278	-	1.8	20	103	0
1,3-Dichloropropane	0.369	0.376	-	-1.9	20	105	0
1,2-Dibromoethane	0.218	0.216	-	0.9	20	100	0
2-Hexanone	0.127	0.12	-	5.5	20	101	0
Chlorobenzene	0.768	0.766	-	0.3	20	104	0
Ethylbenzene	1.324	1.315	-	0.7	20	109	0
1,1,1,2-Tetrachloroethane	0.278	0.276	-	0.7	20	105	0
p/m Xylene	20	18.823	-	5.9	20	109	0
o Xylene	20	18.112	-	9.4	20	107	0
Styrene	20	19.408	-	3	20	106	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
Bromoform	0.326	0.286	-	12.3	20	93	0
Isopropylbenzene	10	9.627	-	3.7	20	114	0
4-Bromofluorobenzene	0.804	0.843	-	-4.9	20	101	0
Bromobenzene	0.585	0.587	-	-0.3	20	102	0
n-Propylbenzene	2.474	2.806	-	-13.4	20	117	0
1,4-Dichlorobutane	0.694	0.742	-	-6.9	20	106	0
1,1,2,2-Tetrachloroethane	0.44	0.509	-	-15.7	20	112	0
4-Ethyltoluene	2.201	2.273	-	-3.3	20	113	0
2-Chlorotoluene	1.577	1.728	-	-9.6	20	111	0
1,3,5-Trimethylbenzene	1.898	2.035	-	-7.2	20	111	0
1,2,3-Trichloropropane	0.418	0.409	-	2.2	20	100	0
trans-1,4-Dichloro-2-buten	0.145	0.134	-	7.6	20	93	0
4-Chlorotoluene	1.664	1.767	-	-6.2	20	107	0
tert-Butylbenzene	10	10.027	-	-0.3	20	115	0
1,2,4-Trimethylbenzene	1.851	1.947	-	-5.2	20	109	0
sec-Butylbenzene	10	10.978	-	-9.8	20	121	0
p-Isopropyltoluene	10	10.727	-	-7.3	20	117	0
1,3-Dichlorobenzene	1.106	1.136	-	-2.7	20	105	0
1,4-Dichlorobenzene	1.144	1.158	-	-1.2	20	104	0
p-Diethylbenzene	1.105	1.118	-	-1.2	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: GONZO	**Calibration Date**	: 05/20/24 06:38
Lab File ID	: VG240520A01	**Init. Calib. Date(s)**	: 05/09/24 05/09/24
Sample No	: WG1924094-2	**Init. Calib. Times**	: 17:50 21:24
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	10	10.092	-	-0.9	20	121	0
1,2-Dichlorobenzene	1.039	1.06	-	-2	20	103	0
1,2,4,5-Tetramethylbenzene	1.583	1.403	-	11.4	20	102	0
1,2-Dibromo-3-chloropropan	0.079	0.071	-	10.1	20	90	0
1,3,5-Trichlorobenzene	0.648	0.671	-	-3.5	20	107	0
Hexachlorobutadiene	0.178	0.198	-	-11.2	20	123	0
1,2,4-Trichlorobenzene	0.545	0.524	-	3.9	20	98	0
Naphthalene	1.133	0.914	-	19.3	20	80	0
1,2,3-Trichlorobenzene	0.448	0.416	-	7.1	20	93	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for DAKOTA on 02-28-24. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRF for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimum, but not below 0.010 on 05-19-24 (WG1922710-3). The RRF for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimum, but not below 0.010 on 05-21-24 (WG1922717-3). The %Ds for bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, and 2,4-dinitrophenol were above the method maximum on 05-19-24 (WG1922710-3). The %Ds for bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were above the method maximum on 05-21-24 (WG1922717-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, and 2,4-dinitrophenol were above the allowable maximum (20%) on 05-19-24 (WG1922710-3). The %Ds for bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol were above the allowable maximum (20%) on 05-21-24 (WG1922717-3). Positive results for these compounds should be considered estimated (J) in associated samples.

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Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples and rinse blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 7 compounds (highlighted on attached Form 3) were above the allowable maximum; 1 of 2 percent recoveries (%Rs) for 4-nitrophenol was above QC limits; 1 of 2 %Rs for carbazole was below QC limits, but not below 30%; and 2 of 2 %Rs for 3,3'-dichlorobenzidine were below QC limits and below 30% for aqueous MS/MSD sample MW-103B-20240515. The "not detected" result for carbazole should be considered estimated (UJ) and the "not detected" result for 3,3'-dichlorobenzidine rejected, unusable (R) in sample MW-103B-20240515.

Laboratory Control Sample: The percent recoveries for 4-nitrophenol were above QC limits for aqueous samples WG1922957-2/3 and WG1923710-2/3. Positive results for 4-nitrophenol should be considered estimated, biased high (J+) in associated aqueous samples.

The relative percent differences (RPDs) for 3-nitroaniline, 4-nitroaniline, 2,4-dinitrophenol, and caprolactam were above the allowable maximum for aqueous samples WG1922957-2/3. The RPDs for 27 compounds (highlighted yellow on attached Form 3) were above the allowable maximum for aqueous samples WG1923710-2/3. Positive results for these compounds should be considered estimated (J) in associated aqueous samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked surrogate results were within GC/MS quantitation limits. The analyses of the ground water samples reported target compounds as not detected.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1922957-2	Analysis Date : 05/19/24 21:41	File ID : 922957-2
LCSD Sample ID	: WG1922957-3	Analysis Date : 05/19/24 22:05	File ID : 922957-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	18	11.	62	18	8.9	49	23	40-140	30
3,3'-Dichlorobenzidine	18	14.	75	18	11.	58	26	40-140	30
2,4-Dinitrotoluene	18	17.	92	18	13.	73	23	48-143	30
2,6-Dinitrotoluene	18	16.	91	18	13.	73	22	40-140	30
4-Chlorophenyl phenyl ether	18	14.	79	18	11.	63	23	40-140	30
4-Bromophenyl phenyl ether	18	16.	89	18	13.	72	21	40-140	30
Bis(2-chloroisopropyl)ether	18	9.6	53	18	7.7	42	23	40-140	30
Bis(2-chloroethoxy)methane	18	12.	66	18	10.	55	18	40-140	30
Hexachlorocyclopentadiene	18	13.	74	18	11.	60	21	40-140	30
Isophorone	18	13.	70	18	11.	58	19	40-140	30
Nitrobenzene	18	12.	69	18	9.9	55	23	40-140	30
NDPA/DPA	18	16.	86	18	12.	68	23	40-140	30
n-Nitrosodi-n-propylamine	18	13.	71	18	10.	55	25	29-132	30
Bis(2-ethylhexyl)phthalate	18	15.	81	18	13.	72	12	40-140	30
Butyl benzyl phthalate	18	16.	89	18	14.	77	14	40-140	30
Di-n-butylphthalate	18	16.	88	18	13.	73	19	40-140	30
Di-n-octylphthalate	18	15.	83	18	14.	74	11	40-140	30
Diethyl phthalate	18	16.	88	18	13.	69	24	40-140	30
Dimethyl phthalate	18	15.	85	18	12.	69	21	40-140	30
Biphenyl	18	13.	71	18	11.	60	17	40-140	30
4-Chloroaniline	18	13.	70	18	9.4	52	30	40-140	30
2-Nitroaniline	18	17.	92	18	14.	75	20	52-143	30
3-Nitroaniline	18	15.	84	18	11.	60	33 Q	25-145	30
4-Nitroaniline	18	16.	90	18	12.	65	32 Q	51-143	30
Dibenzofuran	18	14.	75	18	11.	60	22	40-140	30
1,2,4,5-Tetrachlorobenzene	18	13.	72	18	11.	61	17	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1922957-2	Analysis Date : 05/19/24 21:41	File ID : 922957-2
LCSD Sample ID	: WG1922957-3	Analysis Date : 05/19/24 22:05	File ID : 922957-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	18	12.	64		18	9.9	55	15	39-129	30
2,4,6-Trichlorophenol	18	15.	83		18	12.	66	23	30-130	30
p-Chloro-m-cresol	18	15.	80		18	12.	68	16	23-97	30
2-Chlorophenol	18	12.	67		18	9.7	54	21	27-123	30
2,4-Dichlorophenol	18	14.	74		18	11.	62	18	30-130	30
2,4-Dimethylphenol	18	14.	74		18	12.	66	11	30-130	30
2-Nitrophenol	18	14.	79		18	11.	60	27	30-130	30
4-Nitrophenol	18	17.	91	Q	18	12.	68	29	10-80	30
2,4-Dinitrophenol	18	16.	90		18	10.	57	45	Q 20-130	30
4,6-Dinitro-o-cresol	18	19.	107		18	15.	80	29	20-164	30
Phenol	18	8.3	46		18	7.0	39	16	12-110	30
2-Methylphenol	18	12.	64		18	9.8	54	17	30-130	30
3-Methylphenol/4-Methylphenol	18	12.	65		18	9.9	54	18	30-130	30
2,4,5-Trichlorophenol	18	15.	84		18	12.	67	23	30-130	30
Carbazole	18	15.	81		18	12.	69	16	55-144	30
Atrazine	18	18.	98		18	14.	80	20	40-140	30
Benzaldehyde	18	22.	123		18	19.	103	18	40-140	30
Caprolactam	18	6.5	36		18	4.3	24	40	Q 10-130	30
2,3,4,6-Tetrachlorophenol	18	17.	92		18	13.	72	24	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client : CHA Companies
Project Name : FRIEDRICHSOHN 2024
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG1923710-2 Analysis Date : 05/21/24 23:24 File ID : 923710-2
LCSD Sample ID : WG1923710-3 Analysis Date : 05/21/24 23:48 File ID : 923710-3
Lab Number : L2426911
Project Number : 060017.000.0005000

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD		Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	18	9.9	54	18	8.3	46	16		40-140	30
3,3'-Dichlorobenzidine	18	13.	70	18	9.4	51	31	Q	40-140	30
2,4-Dinitrotoluene	18	16.	87	18	11.	62	34	Q	48-143	30
2,6-Dinitrotoluene	18	17.	92	18	12.	64	36	Q	40-140	30
4-Chlorophenyl phenyl ether	18	14.	78	18	10.	55	35	Q	40-140	30
4-Bromophenyl phenyl ether	18	15.	85	18	11.	60	34	Q	40-140	30
Bis(2-chloroisopropyl)ether	18	8.7	48	18	7.5	41	16		40-140	30
Bis(2-chloroethoxy)methane	18	12.	64	18	9.6	53	19		40-140	30
Hexachlorocyclopentadiene	18	12.	64	18	9.9	54	17		40-140	30
Isophorone	18	12.	65	18	9.6	53	20		40-140	30
Nitrobenzene	18	11.	63	18	9.3	51	21		40-140	30
NDPA/DPA	18	15.	84	18	11.	58	37	Q	40-140	30
n-Nitrosodi-n-propylamine	18	11.	63	18	9.3	51	21		29-132	30
Bis(2-ethylhexyl)phthalate	18	15.	85	18	11.	58	38	Q	40-140	30
Butyl benzyl phthalate	18	16.	88	18	12.	64	32	Q	40-140	30
Di-n-butylphthalate	18	16.	88	18	11.	60	38	Q	40-140	30
Di-n-octylphthalate	18	16.	87	18	11.	61	35	Q	40-140	30
Diethyl phthalate	18	16.	88	18	11.	59	39	Q	40-140	30
Dimethyl phthalate	18	16.	87	18	11.	60	37	Q	40-140	30
Biphenyl	18	13.	74	18	9.8	54	31	Q	40-140	30
4-Chloroaniline	18	13.	70	18	9.9	54	26		40-140	30
2-Nitroaniline	18	17.	93	18	12.	64	37	Q	52-143	30
3-Nitroaniline	18	15.	80	18	10.	58	32	Q	25-145	30
4-Nitroaniline	18	15.	82	18	9.9	55	39	Q	51-143	30
Dibenzofuran	18	14.	75	18	9.8	54	33	Q	40-140	30
1,2,4,5-Tetrachlorobenzene	18	13.	70	18	9.9	54	26		2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1923710-2 Analysis Date : 05/21/24 23:24	File ID	: 923710-2
LCSD Sample ID	: WG1923710-3 Analysis Date : 05/21/24 23:48	File ID	: 923710-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	18	11.	61		18	8.9	49	22	39-129	30
2,4,6-Trichlorophenol	18	15.	82		18	10.	58	34 Q	30-130	30
p-Chloro-m-cresol	18	16.	86		18	11.	60	36 Q	23-97	30
2-Chlorophenol	18	11.	61		18	9.6	53	14	27-123	30
2,4-Dichlorophenol	18	13.	74		18	10.	57	26	30-130	30
2,4-Dimethylphenol	18	14.	77		18	10.	57	30	30-130	30
2-Nitrophenol	18	13.	72		18	11.	61	17	30-130	30
4-Nitrophenol	18	16.	91	Q	18	12.	65	33 Q	10-80	30
2,4-Dinitrophenol	18	17.	92		18	12.	66	33 Q	20-130	30
4,6-Dinitro-o-cresol	18	18.	102		18	14.	74	32 Q	20-164	30
Phenol	18	9.4	52		18	7.3	40	26	12-110	30
2-Methylphenol	18	12.	67		18	9.5	52	25	30-130	30
3-Methylphenol/4-Methylphenol	18	12.	68		18	9.5	52	27	30-130	30
2,4,5-Trichlorophenol	18	16.	86		18	11.	62	32 Q	30-130	30
Carbazole	18	15.	81		18	10.	57	35 Q	55-144	30
Atrazine	18	16.	88		18	11.	60	38 Q	40-140	30
Benzaldehyde	18	21.	116		18	18.	100	15	40-140	30
Caprolactam	18	7.9	43		18	5.0	28	42 Q	10-130	30
2,3,4,6-Tetrachlorophenol	18	16.	91		18	11.	62	38 Q	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2426911-06	Analysis Date	: 05/22/24 07:23
Matrix Spike	: WG1923710-4	MS Analysis Date	: 05/22/24 01:23
Matrix Spike Dup	: WG1923710-5	MSD Analysis Date	: 05/22/24 01:47

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	18.2	10.	55		18.2	8.2	45		20	40-140	30
3,3'-Dichlorobenzidine	ND	18.2	3.4J	19	Q	18.2	3.1J	17	Q	9	40-140	30
2,4-Dinitrotoluene	ND	18.2	14.	77		18.2	10.	55		33	Q	48-143	30
2,6-Dinitrotoluene	ND	18.2	14.	77		18.2	11.	61		24		40-140	30
4-Chlorophenyl phenyl ether	ND	18.2	12.	66		18.2	9.5	52		23		40-140	30
4-Bromophenyl phenyl ether	ND	18.2	13.	72		18.2	10.	55		26		40-140	30
Bis(2-chloroisopropyl)ether	ND	18.2	8.7	48		18.2	7.5	41		15		40-140	30
Bis(2-chloroethoxy)methane	ND	18.2	11.	61		18.2	9.1	50		19		40-140	30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		18.2	10.J	55		26		40-140	30
Isophorone	ND	18.2	11.	61		18.2	9.1	50		19		40-140	30
Nitrobenzene	ND	18.2	11.	61		18.2	9.4	52		16		40-140	30
NDPA/DPA	ND	18.2	9.8	54		18.2	9.2	51		6		40-140	30
n-Nitrosodi-n-propylamine	ND	18.2	11.	61		18.2	9.1	50		19		29-132	30
Bis(2-ethylhexyl)phthalate	ND	18.2	13.	72		18.2	10.	55		26		40-140	30
Butyl benzyl phthalate	ND	18.2	14.	77		18.2	11.	61		24		40-140	30
Di-n-butylphthalate	ND	18.2	14.	77		18.2	11.	61		24		40-140	30
Di-n-octylphthalate	ND	18.2	14.	77		18.2	11.	61		24		40-140	30
Diethyl phthalate	ND	18.2	14.	77		18.2	10.	55		33	Q	40-140	30
Dimethyl phthalate	ND	18.2	13.	72		18.2	10.	55		26		40-140	30
Biphenyl	ND	18.2	12.	66		18.2	9.4	52		24		40-140	30
4-Chloroaniline	ND	18.2	10.	55		18.2	8.2	45		20		40-140	30
2-Nitroaniline	ND	18.2	15.	83		18.2	11.	61		31	Q	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2426911-06	Analysis Date	: 05/22/24 07:23
Matrix Spike	: WG1923710-4	MS Analysis Date	: 05/22/24 01:23
Matrix Spike Dup	: WG1923710-5	MSD Analysis Date	: 05/22/24 01:47

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
3-Nitroaniline	ND	18.2	12.	66	18.2	9.3	51	25	25-145	30
4-Nitroaniline	ND	18.2	12.	66	18.2	9.7	53	21	51-143	30
Dibenzofuran	ND	18.2	12.	66	18.2	9.4	52	24	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	18.2	12.	66	18.2	9.2J	51	26	2-134	30
Acetophenone	ND	18.2	11.	61	18.2	8.4	46	27	39-129	30
2,4,6-Trichlorophenol	ND	18.2	13.	72	18.2	10.	55	26	30-130	30
p-Chloro-m-cresol	ND	18.2	14.	77	18.2	10.	55	33 Q	23-97	30
2-Chlorophenol	ND	18.2	11.	61	18.2	8.9	49	21	27-123	30
2,4-Dichlorophenol	ND	18.2	13.	72	18.2	10.	55	26	30-130	30
2,4-Dimethylphenol	ND	18.2	8.9	49	18.2	7.7	42	14	30-130	30
2-Nitrophenol	ND	18.2	13.	72	18.2	10.	55	26	30-130	30
4-Nitrophenol	ND	18.2	16.	88 Q	18.2	12.	66	29	10-80	30
2,4-Dinitrophenol	ND	18.2	17.J	94	18.2	14.J	77	19	20-130	30
4,6-Dinitro-o-cresol	ND	18.2	17.	94	18.2	13.	72	27	20-164	30
Phenol	ND	18.2	9.3	51	18.2	6.7	37	33 Q	12-110	30
2-Methylphenol	ND	18.2	11.	61	18.2	9.1	50	19	30-130	30
3-Methylphenol/4-Methylphenol	ND	18.2	11.	61	18.2	9.1	50	19	30-130	30
2,4,5-Trichlorophenol	ND	18.2	14.	77	18.2	11.	61	24	30-130	30
Carbazole	ND	18.2	13.	72	18.2	9.6	53 Q	30	55-144	30
Atrazine	ND	18.2	14.	77	18.2	10.	55	33 Q	40-140	30
Benzaldehyde	ND	18.2	22.	120	18.2	18.	99	20	40-140	30
Caprolactam	ND	18.2	8.1J	45	18.2	6.1J	34	28	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2426911-06	Analysis Date	: 05/22/24 07:23
Matrix Spike	: WG1923710-4	MS Analysis Date	: 05/22/24 01:23
Matrix Spike Dup	: WG1923710-5	MSD Analysis Date	: 05/22/24 01:47

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	18.2	15.	83	18.2	11.	61	31 Q	40-140	30

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files
L1 =APDPL1.D L2 =APDPL2.D L3 =APDPL3.D L4 =APDPL4.D L5 =APDPL5.D L6 =APDPL6.D L7 =APDPL
L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.681	0.654	0.669	0.718	0.746	0.734	0.716	0.919	0.786	0.827	0.745	10.83
3)	t	Pyridine	0.910	0.931	0.963	1.114	1.174	1.094	1.129	1.366	1.231	1.312	1.122	13.85
4)	S	2-Fluorophenol	1.087	0.953	1.017	1.021	1.065	1.019	1.018	1.276	1.092	1.159	1.071	8.54
5)	T	Aniline	1.462	1.534	1.587	1.553	1.602	1.558	1.519	1.946	1.651	1.711	1.612	8.45
6)	t	2-Chlorophenol	1.008	1.224	1.036	1.128	1.166	1.142	1.131	1.433	1.202	1.239	1.171	10.10
7)	S	Phenol-d6	1.312	1.284	1.275	1.326	1.347	1.336	1.327	1.698	1.441	1.490	1.383	9.36
8)	T	Phenol	1.296	1.386	1.519	1.421	1.556	1.528	1.478	1.879	1.588	1.629	1.528	10.37
9)	T	bis(2-Chloroethyl)ether	1.121	1.042	1.054	1.018	1.103	1.026	1.030	1.274	1.059	1.092	1.082	7.01
10)	T	1,3-Dichlorobenzene	1.561	1.448	1.493	1.419	1.497	1.463	1.406	1.741	1.441	1.476	1.495	6.51
11)	T	1,4-Dichlorobenzene	1.719	1.442	1.441	1.425	1.514	1.448	1.426	1.759	1.452	1.487	1.511	8.17
12)	T	1,2-Dichlorobenzene	1.458	1.373	1.397	1.422	1.510	1.379	1.381	1.676	1.376	1.413	1.439	6.53
13)	t	Benzyl alcohol	0.817	0.956	0.928	0.918	0.992	0.926	0.932	1.180	0.987	1.044	0.968	9.85
14)	T	bis(2-chloroisopropyl)ether	2.374	2.176	2.126	2.107	2.228	2.162	2.070	2.543	2.093	2.134	2.201	6.73
15)	T	2-Methylphenol	1.073	0.933	0.969	1.023	1.031	1.032	0.974	1.263	1.038	1.076	1.041	8.67
16)	T	Hexachloroethane	0.548	0.583	0.545	0.534	0.542	0.528	0.512	0.636	0.535	0.547	0.551	6.34
17)	T	n-Nitrosodi-n-propylamine	0.832	0.840	0.801	0.838	0.873	0.824	0.829	1.021	0.853	0.895	0.860	7.22
18)	T	3-Methylphenol/4-Methylphenol	1.379	1.131	1.029	1.060	1.106	1.072	1.065	1.306	1.097	1.131	1.138	10.02
19)	S	Nitrobenzene-d5	1.275	1.186	1.207	1.179	1.273	1.217	1.186	1.481	1.221	1.239	1.246	7.15
20)	T	Nitrobenzene	1.213	1.228	1.255	1.171	1.223	1.176	1.149	1.443	1.189	1.218	1.226	6.70
21)	T	Isophorone	2.141	1.917	2.127	2.044	2.179	2.209	2.093	2.640	2.186	2.302	2.184	8.72
22)	T	2-Nitrophenol		0.496	0.519	0.516	0.547	0.553	0.569	0.716	0.615	0.635	0.574	12.22
23)	T	2,4-Dimethylphenol	0.938	0.859	0.830	0.834	0.880	0.866	0.860	1.056	0.894	0.940	0.896	7.58
24)	T	bis(2-Chloroethoxy)methane	1.438	1.373	1.415	1.361	1.383	1.360	1.330	1.618	1.357	1.404	1.404	5.80
25)	T	2,4-Dichlorophenol	1.070	1.040	1.028	1.154	1.171	1.167	1.142	1.384	1.160	1.200	1.152	8.76
26)	T	1,2,4-Trichlorobenzene	1.561	1.385	1.423	1.436	1.509	1.455	1.429	1.718	1.424	1.458	1.480	6.56
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde			0.465	0.442	0.499	0.475	0.470	0.489	0.466	0.554	0.482	6.95
29)	T	Acetophenone	1.663	1.702	1.686	1.543	1.674	1.678	1.748	1.729	1.629	1.887	1.694	5.21
30)	T	m-Toluidine	1.126	1.209	1.164	1.085	1.192	1.249	1.261	1.233	1.203	1.407	1.213	7.19
31)	T	2-Chloroaniline	1.230	1.329	1.459	1.322	1.497	1.454	1.497	1.496	1.411	1.634	1.433	8.01
32)	T	n-Decane	1.627	1.485	1.372	1.317	1.459	1.374	1.351	1.353	1.334	1.507	1.418	6.96
33)	I	IS1_Naphthalene-d8	----------ISTD----------											
34)	T	Naphthalene	0.975	1.021	0.971	0.971	1.053	1.030	0.958	1.176	0.976	0.994	1.012	6.45
35)	T	Benzoic Acid				0.103	0.148	0.170	0.193	0.269	0.248	0.270	*L	0.9942
36)	T	4-Chloroaniline	0.137	0.115	0.128	0.124	0.129	0.134	0.121	0.148	0.126	0.132	0.129	7.13

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files
L1 =APDPL1.D L2 =APDPL2.D L3 =APDPL3.D L4 =APDPL4.D L5 =APDPL5.D L6 =APDPL6.D L7 =APDPL
L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	Hexachlorobutadiene	0.202	0.252	0.249	0.257	0.257	0.260	0.238	0.295	0.247	0.257	0.251	9.06
38)	T	p-Chloro-m-cresol	0.272	0.254	0.265	0.267	0.281	0.282	0.273	0.338	0.285	0.307	0.282	8.51
39)	T	2-Methylnaphthalene	0.721	0.754	0.656	0.676	0.717	0.695	0.670	0.827	0.693	0.721	0.713	6.92
40)	T	1-Methylnaphthalene	0.258	0.206	0.212	0.225	0.223	0.230	0.215	0.262	0.219	0.228	0.228	8.21
41)	T	Hexachlorocyclopentadiene	0.186	0.219	0.212	0.227	0.235	0.231	0.231	0.289	0.251	0.262	0.234	12.07
42)	T	2,4,6-Trichlorophenol	0.245	0.247	0.269	0.260	0.289	0.276	0.263	0.334	0.285	0.303	0.277	9.77
43)	T	2,4,5-Trichlorophenol	0.280	0.303	0.272	0.275	0.295	0.310	0.291	0.365	0.313	0.327	0.303	9.24
44)	S	2-Fluorobiphenyl	0.818	0.927	0.869	0.895	0.946	0.893	0.860	1.019	0.864	0.875	0.897	6.22
45)	T	2-Chloronaphthalene	0.746	0.747	0.739	0.749	0.771	0.780	0.715	0.870	0.730	0.753	0.760	5.63
46)	T	2-Nitroaniline	0.141	0.184	0.185	0.177	0.196	0.203	0.199	0.248	0.218	0.227	0.198	14.91
47)	T	1,4-Dinitrobenzene		0.066	0.073	0.082	0.085	0.092	0.084	0.111	0.102	0.106	0.089	17.04
48)	T	1,3-Dinitrobenzene		0.101	0.086	0.093	0.104	0.103	0.099	0.130	0.115	0.125	0.106	13.68
49)	T	Dimethyl phthalate	0.830	0.834	0.798	0.852	0.851	0.868	0.823	0.999	0.847	0.892	0.860	6.44
50)	T	Acenaphthylene	1.050	1.126	1.100	1.123	1.213	1.192	1.112	1.334	1.112	1.144	1.151	6.88
51)	T	2,6-Dinitrotoluene	0.120	0.151	0.158	0.162	0.167	0.173	0.166	0.209	0.182	0.194	0.168	14.39
52)	T	1,2-Dinitrobenzene		0.056	0.054	0.063	0.069	0.069	0.064	0.081	0.074	0.076	0.067	13.32
53)	I	IS2_Naphthalene-d8	----------ISTD----------											
54)	T	a-Terpineol	0.310	0.268	0.290	0.268	0.294	0.293	0.308	0.314	0.298	0.343	0.299	7.44
55)	T	3-Chloroaniline	0.118	0.117	0.137	0.131	0.141	0.129	0.134	0.137	0.132	0.148	0.132	7.14
56)	T	2,6-Dichlorophenol	0.287	0.300	0.303	0.304	0.318	0.318	0.326	0.334	0.312	0.356	0.316	6.19
57)	T	1-chloro-2-nitrobenzene	0.115	0.119	0.121	0.132	0.125	0.132	0.130	0.137	0.128	0.147	0.129	7.12
58)	T	Caprolactam				0.146	0.147	0.150	0.166	0.180	0.169	0.194	0.165	11.01
59)	T	1,2,4,5-Tetrachlorobenzene	0.470	0.459	0.437	0.432	0.444	0.434	0.447	0.446	0.421	0.476	0.447	3.90
60)	T	Biphenyl	0.851	0.918	0.870	0.887	0.886	0.900	0.914	0.898	0.838	0.945	0.891	3.60
61)	I	IS1_Acenaphthene-d10	----------ISTD----------											
62)	T	3-Nitroaniline		0.222	0.265	0.250	0.276	0.287	0.288	0.345	0.310	0.323	0.285	13.19
63)	T	Acenaphthene	0.985	1.008	1.025	1.032	0.982	0.994	1.002	1.149	1.001	1.032	1.021	4.72
64)	T	2,4-Dinitrophenol			0.061	0.120	0.119	0.134	0.158	0.200	0.189	0.206	*Q	0.9965
65)	T	Dibenzofuran	1.751	1.809	1.750	1.748	1.747	1.720	1.718	1.988	1.704	1.715	1.765	4.74
66)	T	2,4-Dinitrotoluene		0.290	0.291	0.317	0.333	0.354	0.371	0.451	0.401	0.424	*Q	0.9963
67)	T	4-Nitrophenol	0.200	0.200	0.215	0.228	0.222	0.225	0.238	0.293	0.259	0.272	0.235	13.09
68)	T	2,3,5,6-Tetrachlorophenol	0.369	0.348	0.364	0.422	0.422	0.410	0.417	0.492	0.439	0.458	0.414	10.70
69)	T	2,3,4,6-Tetrachlorophenol	0.331	0.329	0.385	0.388	0.410	0.401	0.404	0.472	0.417	0.430	0.397	10.80
70)	T	Diethyl phthalate	1.319	1.289	1.285	1.306	1.327	1.305	1.312	1.520	1.338	1.393	1.340	5.26
71)	T	Fluorene	1.368	1.355	1.318	1.356	1.326	1.314	1.288	1.517	1.317	1.344	1.350	4.68
72)	T	4-Chlorophenyl-phenylether	0.726	0.694	0.700	0.703	0.713	0.691	0.693	0.805	0.697	0.712	0.713	4.77

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files
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L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
73)	T	4-Nitroaniline		0.202	0.243	0.278	0.276	0.283	0.295	0.339	0.309	0.318	0.283	14.47
74)	T	4,6-Dinitro-o-cresol			0.144	0.171	0.181	0.196	0.216	0.269	0.258	0.275	*Q	0.9972
75)	T	NDPA/DPA	0.984	1.150	1.070	1.108	1.124	1.103	1.111	1.268	1.116	1.143	1.118	6.32
76)	T	Azobenzene	1.249	1.138	1.172	1.166	1.164	1.156	1.151	1.346	1.153	1.188	1.188	5.32
77)	S	2,4,6-Tribromophenol	0.255	0.256	0.238	0.252	0.245	0.252	0.259	0.305	0.275	0.292	0.263	8.16
78)	T	4-Bromophenyl-phenylether	0.401	0.428	0.466	0.446	0.452	0.443	0.444	0.519	0.463	0.489	0.455	7.08
79)	T	Hexachlorobenzene	0.531	0.552	0.566	0.552	0.533	0.523	0.542	0.625	0.555	0.583	0.556	5.36
80)	T	Pentachlorophenol				0.318	0.320	0.341	0.359	0.436	0.395	0.423	0.370	13.03
81)	I	IS2_Acenaphthene-d10	----------ISTD----------											
82)	T	Dichloran			0.142	0.148	0.153	0.156	0.183	0.193	0.210	0.235	0.178	18.88
83)	T	Pentachloronitrobenzene		0.177	0.170	0.168	0.176	0.188	0.198	0.201	0.206	0.229	0.190	10.63
84)	T	Atrazine	0.357	0.322	0.353	0.361	0.375	0.383	0.404	0.402	0.413	0.466	0.384	10.46
85)	I	IS1_Phenanthrene-d10	----------ISTD----------											
86)	T	Phenanthrene	1.117	1.039	1.003	1.035	1.025	1.016	0.977	1.190	0.988	0.994	1.038	6.36
87)	T	Anthracene	1.076	0.982	1.007	1.028	1.009	1.011	0.978	1.190	0.999	0.994	1.027	6.18
88)	T	Carbazole	1.073	0.881	0.926	0.933	0.963	0.968	0.931	1.112	0.946	0.953	0.968	7.25
89)	T	Di-n-butylphthalate	1.036	0.938	0.986	1.012	1.026	1.060	1.065	1.339	1.126	1.156	1.074	10.47
90)	T	Fluoranthene	1.398	1.331	1.247	1.242	1.248	1.244	1.193	1.487	1.253	1.265	1.291	6.92
91)	T	Benzidine	0.675	0.731	0.652	0.743	0.753	0.776	0.767	0.949	0.779	0.781	0.761	10.46
92)	T	Pyrene	1.497	1.357	1.297	1.350	1.358	1.339	1.293	1.532	1.285	1.284	1.359	6.43
93)	S	4-Terphenyl-d14	1.159	0.981	1.012	1.014	1.021	1.039	0.996	1.194	1.018	1.015	1.045	6.84
94)	T	Butyl benzyl phthalate			0.397	0.430	0.431	0.471	0.477	0.607	0.541	0.566	*L	0.9957
95)	I	IS2_Phenanthrene-d10	----------ISTD----------											
96)	T	Diphenamid	0.384	0.402	0.411	0.405	0.432	0.448	0.458	0.486	0.481	0.548	0.446	11.14
97)	T	n-Octadecane	0.377	0.403	0.390	0.368	0.397	0.412	0.406	0.422	0.411	0.463	0.405	6.49
98)	T	Parathion			0.071	0.065	0.071	0.074	0.084	0.095	0.106	0.126	*Q	0.9990
99)	T	3,3'-Dimethylbenzidine		0.338	0.368	0.406	0.459	0.483	0.561	0.632	0.667	0.757	*Q	0.9986
100)	I	IS1_Chrysene-d12	----------ISTD----------											
101)	T	Benzo[a]anthracene	1.511	1.335	1.274	1.319	1.313	1.313	1.316	1.588	1.339	1.371	1.368	7.34
102)	T	3,3'-Dichlorobenzidine	0.462	0.443	0.442	0.466	0.492	0.505	0.518	0.651	0.566	0.595	0.514	13.56
103)	T	Chrysene	1.566	1.387	1.350	1.302	1.289	1.269	1.238	1.469	1.223	1.243	1.333	8.38
104)	T	bis(2-Ethylhexyl)phthalate		0.530	0.552	0.614	0.645	0.686	0.727	0.907	0.767	0.796	*L	0.9946
105)	T	Di-n-octylphthalate			0.834	0.992	1.053	1.139	1.242	1.565	1.422	1.481	*L	0.9959
106)	T	Benzo(b)fluoranthene	1.404	1.336	1.281	1.324	1.382	1.375	1.403	1.651	1.471	1.482	1.411	7.42
107)	T	Benzo(k)fluoranthene	1.480	1.317	1.313	1.358	1.401	1.360	1.341	1.645	1.347	1.359	1.392	7.25
108)	T	Benzo(a)pyrene	1.189	1.195	1.231	1.240	1.270	1.280	1.300	1.568	1.366	1.379	1.302	8.70

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files

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L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	I	IS1_Perylene-d12	----------ISTD----------											
110)	T	Indeno(1,2,3-cd)pyrene	1.167	1.144	1.190	1.114	1.230	1.229	1.273	1.535	1.300	1.383	1.256	10.03
111)	T	Dibenzo[a,h]anthracene	1.088	1.097	1.095	1.093	1.177	1.186	1.176	1.423	1.212	1.198	1.175	8.54
112)	T	Benzo(g,h,i)perylene	1.193	1.135	1.145	1.119	1.160	1.176	1.143	1.396	1.180	1.173	1.182	6.66

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: DAKOTA		Calibration Date	: 05/19/24 19:59	
Lab File ID	: ABN0519		Init. Calib. Date(s)	: 02/28/24	02/29/24
Sample No	: WG1922710-3		Init. Calib. Times	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	86	0
n-Nitrosodimethylamine	0.745	0.721	-	3.2	20	84	0
Pyridine	1.122	1.08	-	3.7	20	85	0
2-Fluorophenol	1.071	0.986	-	7.9	20	83	0
Aniline	1.612	1.511	-	6.3	20	83	0
2-Chlorophenol	1.171	1.07	-	8.6	20	80	0
Phenol-d6	1.383	1.242	-	10.2	20	80	0
Phenol	1.528	1.298	-	15.1	20	73	0
Bis(2-chloroethyl)ether	1.082	0.933	-	13.8	20	78	0
1,3-Dichlorobenzene	1.495	1.383	-	7.5	20	81	0
1,4-Dichlorobenzene	1.511	1.36	-	10	20	81	0
1,2-Dichlorobenzene	1.439	1.353	-	6	20	84	0
Benzyl alcohol	0.968	0.863	-	10.8	20	80	0
Bis(2-chloroisopropyl)ethe	2.201	1.612	-	26.8*	20	64	0
2-Methylphenol	1.041	0.92	-	11.6	20	76	0
Hexachloroethane	0.551	0.507	-	8	20	83	0
n-Nitrosodi-n-propylamine	0.86	0.732	-	14.9	20	76	0
3-Methylphenol/4-Methylphe	1.138	0.989	-	13.1	20	79	0
Nitrobenzene-d5	1.246	1.152	-	7.5	20	81	0
Nitrobenzene	1.226	1.122	-	8.5	20	82	0
Isophorone	2.184	1.98	-	9.3	20	77	0
2-Nitrophenol	0.574	0.586	-	-2.1	20	91	0
2,4-Dimethylphenol	0.896	0.826	-	7.8	20	82	0
Bis(2-chloroethoxy)methane	1.404	1.192	-	15.1	20	75	0
2,4-Dichlorophenol	1.152	1.046	-	9.2	20	77	0
1,2,4-Trichlorobenzene	1.48	1.311	-	11.4	20	77	0
IS1_Naphthalene-d8	1	1	-	0	20	85	0
Naphthalene	1.012	0.909	-	10.2	20	75	0
Benzoic Acid	5	5.255	-	-5.1	20	102	0
4-Chloroaniline	0.129	0.123	-	4.7	20	78	0
Hexachlorobutadiene	0.251	0.25	-	0.4	20	81	0
p-Chloro-m-cresol	0.282	0.27	-	4.3	20	81	0
2-Methylnaphthalene	0.713	0.656	-	8	20	80	0
1-Methylnaphthalene	0.228	0.217	-	4.8	20	80	0
Hexachlorocyclopentadiene	0.234	0.307	-	-31.2*	20	112	0
2,4,6-Trichlorophenol	0.277	0.273	-	1.4	20	84	0
2,4,5-Trichlorophenol	0.303	0.298	-	1.7	20	81	0
2-Fluorobiphenyl	0.897	0.856	-	4.6	20	81	0
2-Chloronaphthalene	0.76	0.723	-	4.9	20	78	0
2-Nitroaniline	0.198	0.209	-	-5.6	20	87	0
1,4-Dinitrobenzene	0.089	0.099	-	-11.2	20	91	0
1,3-Dinitrobenzene	0.106	0.111	-	-4.7	20	92	0
Dimethyl phthalate	0.86	0.834	-	3	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: DAKOTA		Calibration Date	: 05/19/24 19:59	
Lab File ID	: ABN0519		Init. Calib. Date(s)	: 02/28/24	02/29/24
Sample No	: WG1922710-3		Init. Calib. Times	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.151	1.054	-	8.4	20	75	0
2,6-Dinitrotoluene	0.168	0.174	-	-3.6	20	85	0
1,2-Dinitrobenzene	0.067	0.064	-	4.5	20	79	0
IS1_Acenaphthene-d10	1	1	-	0	20	84	0
3-Nitroaniline	0.285	0.268	-	6	20	78	0
Acenaphthene	1.021	0.976	-	4.4	20	82	0
2,4-Dinitrophenol	5	6.328	-	-26.6*	20	126	0
Dibenzofuran	1.765	1.59	-	9.9	20	77	0
2,4-Dinitrotoluene	5	5.123	-	-2.5	20	92	0
4-Nitrophenol	0.235	0.237	-	-0.9	20	88	0
2,3,5,6-Tetrachlorophenol	0.414	0.436	-	-5.3	20	89	0
2,3,4,6-Tetrachlorophenol	0.397	0.431	-	-8.6	20	90	0
Diethyl phthalate	1.34	1.307	-	2.5	20	84	0
Fluorene	1.35	1.246	-	7.7	20	79	0
4-Chlorophenyl phenyl ethe	0.713	0.668	-	6.3	20	81	0
4-Nitroaniline	0.283	0.274	-	3.2	20	81	0
4,6-Dinitro-o-cresol	5	5.616	-	-12.3	20	105	0
NDPA/DPA	1.118	1.079	-	3.5	20	82	0
Azobenzene	1.188	1.126	-	5.2	20	81	0
2,4,6-Tribromophenol	0.263	0.279	-	-6.1	20	93	0
4-Bromophenyl phenyl ether	0.455	0.454	-	0.2	20	86	0
Hexachlorobenzene	0.556	0.565	-	-1.6	20	90	0
Pentachlorophenol	0.37	0.347	-	6.2	20	85	0
IS1_Phenanthrene-d10	1	1	-	0	20	85	0
Phenanthrene	1.038	0.966	-	6.9	20	81	0
Anthracene	1.027	0.981	-	4.5	20	82	0
Carbazole	0.968	0.89	-	8.1	20	78	0
Di-n-butylphthalate	1.074	1.025	-	4.6	20	82	0
Fluoranthene	1.291	1.233	-	4.5	20	84	0
Benzidine	0.761	0.714	-	6.2	20	78	0
Pyrene	1.359	1.301	-	4.3	20	83	0
4-Terphenyl-d14	1.045	1.017	-	2.7	20	83	0
Butyl benzyl phthalate	5	4.736	-	5.3	20	87	0
IS1_Chrysene-d12	1	1	-	0	20	87	0
Benzo(a)anthracene	1.368	1.267	-	7.4	20	84	0
3,3'-Dichlorobenzidine	0.514	0.488	-	5.1	20	84	0
Chrysene	1.333	1.213	-	9	20	84	0
Bis(2-ethylhexyl)phthalate	5	4.449	-	11	20	85	0
Di-n-octylphthalate	5	4.502	-	10	20	88	0
Benzo(b)fluoranthene	1.411	1.299	-	7.9	20	83	0
Benzo(k)fluoranthene	1.392	1.297	-	6.8	20	83	0
Benzo(a)pyrene	1.302	1.287	-	1.2	20	88	0
IS1_Perylene-d12	1	1	-	0	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		**Lab Number**	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		**Project Number**	: 060017.000.0005000	
Instrument ID	: DAKOTA		**Calibration Date**	: 05/19/24 19:59	
Lab File ID	: ABN0519		**Init. Calib. Date(s)**	: 02/28/24	02/29/24
Sample No	: WG1922710-3		**Init. Calib. Times**	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.256	1.072	-	14.6	20	82	0
Dibenzo(a,h)anthracene	1.175	1.039	-	11.6	20	82	0
Benzo(ghi)perylene	1.182	1.013	-	14.3	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: DAKOTA		Calibration Date	: 05/21/24 21:48	
Lab File ID	: ABN0521		Init. Calib. Date(s)	: 02/28/24	02/29/24
Sample No	: WG1922717-3		Init. Calib. Times	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
n-Nitrosodimethylamine	0.745	0.742	-	0.4	20	88	0
Pyridine	1.122	1.198	-	-6.8	20	95	0
2-Fluorophenol	1.071	1.003	-	6.3	20	85	0
Aniline	1.612	1.54	-	4.5	20	86	0
2-Chlorophenol	1.171	1.093	-	6.7	20	83	0
Phenol-d6	1.383	1.255	-	9.3	20	82	0
Phenol	1.528	1.342	-	12.2	20	76	0
Bis(2-chloroethyl)ether	1.082	0.929	-	14.1	20	79	0
1,3-Dichlorobenzene	1.495	1.39	-	7	20	82	0
1,4-Dichlorobenzene	1.511	1.446	-	4.3	20	87	0
1,2-Dichlorobenzene	1.439	1.357	-	5.7	20	85	0
Benzyl alcohol	0.968	0.885	-	8.6	20	83	0
Bis(2-chloroisopropyl)ethe	2.201	1.703	-	22.6*	20	68	0
2-Methylphenol	1.041	0.931	-	10.6	20	78	0
Hexachloroethane	0.551	0.521	-	5.4	20	86	0
n-Nitrosodi-n-propylamine	0.86	0.743	-	13.6	20	78	0
3-Methylphenol/4-Methylphe	1.138	0.978	-	14.1	20	79	0
Nitrobenzene-d5	1.246	1.219	-	2.2	20	87	0
Nitrobenzene	1.226	1.157	-	5.6	20	85	0
Isophorone	2.184	2.022	-	7.4	20	79	0
2-Nitrophenol	0.574	0.586	-	-2.1	20	92	0
2,4-Dimethylphenol	0.896	0.809	-	9.7	20	81	0
Bis(2-chloroethoxy)methane	1.404	1.207	-	14	20	77	0
2,4-Dichlorophenol	1.152	1.079	-	6.3	20	80	0
1,2,4-Trichlorobenzene	1.48	1.313	-	11.3	20	78	0
IS1_Naphthalene-d8	1	1	-	0	20	84	0
Naphthalene	1.012	0.924	-	8.7	20	76	0
Benzoic Acid	5	5.624	-	-12.5	20	112	0
4-Chloroaniline	0.129	0.118	-	8.5	20	74	0
Hexachlorobutadiene	0.251	0.262	-	-4.4	20	85	0
p-Chloro-m-cresol	0.282	0.271	-	3.9	20	81	0
2-Methylnaphthalene	0.713	0.676	-	5.2	20	82	0
1-Methylnaphthalene	0.228	0.208	-	8.8	20	76	0
Hexachlorocyclopentadiene	0.234	0.308	-	-31.6*	20	113	0
2,4,6-Trichlorophenol	0.277	0.267	-	3.6	20	82	0
2,4,5-Trichlorophenol	0.303	0.294	-	3	20	80	0
2-Fluorobiphenyl	0.897	0.869	-	3.1	20	82	0
2-Chloronaphthalene	0.76	0.692	-	8.9	20	75	0
2-Nitroaniline	0.198	0.199	-	-0.5	20	83	0
1,4-Dinitrobenzene	0.089	0.1	-	-12.4	20	91	0
1,3-Dinitrobenzene	0.106	0.116	-	-9.4	20	95	0
Dimethyl phthalate	0.86	0.851	-	1	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Instrument ID	: DAKOTA	Calibration Date	: 05/21/24 21:48
Lab File ID	: ABN0521	Init. Calib. Date(s)	: 02/28/24 02/29/24
Sample No	: WG1922717-3	Init. Calib. Times	: 20:52 04:00
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.151	1.064	-	7.6	20	75	0
2,6-Dinitrotoluene	0.168	0.177	-	-5.4	20	86	0
1,2-Dinitrobenzene	0.067	0.066	-	1.5	20	80	0
IS1_Acenaphthene-d10	1	1	-	0	20	81	0
3-Nitroaniline	0.285	0.298	-	-4.6	20	84	0
Acenaphthene	1.021	0.983	-	3.7	20	80	0
2,4-Dinitrophenol	5	6.4	-	-28*	20	123	0
Dibenzofuran	1.765	1.63	-	7.6	20	77	0
2,4-Dinitrotoluene	5	4.986	-	0.3	20	87	0
4-Nitrophenol	0.235	0.262	-	-11.5	20	94	0
2,3,5,6-Tetrachlorophenol	0.414	0.432	-	-4.3	20	85	0
2,3,4,6-Tetrachlorophenol	0.397	0.427	-	-7.6	20	86	0
Diethyl phthalate	1.34	1.344	-	-0.3	20	83	0
Fluorene	1.35	1.3	-	3.7	20	80	0
4-Chlorophenyl phenyl ethe	0.713	0.676	-	5.2	20	79	0
4-Nitroaniline	0.283	0.285	-	-0.7	20	81	0
4,6-Dinitro-o-cresol	5	6.004	-	-20.1*	20	110	0
NDPA/DPA	1.118	1.083	-	3.1	20	79	0
Azobenzene	1.188	1.145	-	3.6	20	80	0
2,4,6-Tribromophenol	0.263	0.281	-	-6.8	20	90	0
4-Bromophenyl phenyl ether	0.455	0.456	-	-0.2	20	83	0
Hexachlorobenzene	0.556	0.565	-	-1.6	20	87	0
Pentachlorophenol	0.37	0.364	-	1.6	20	86	0
IS1_Phenanthrene-d10	1	1	-	0	20	82	0
Phenanthrene	1.038	0.977	-	5.9	20	79	0
Anthracene	1.027	0.963	-	6.2	20	78	0
Carbazole	0.968	0.891	-	8	20	76	0
Di-n-butylphthalate	1.074	1.066	-	0.7	20	83	0
Fluoranthene	1.291	1.227	-	5	20	81	0
Benzidine	0.761	0.71	-	6.7	20	75	0
Pyrene	1.359	1.294	-	4.8	20	79	0
4-Terphenyl-d14	1.045	0.969	-	7.3	20	77	0
Butyl benzyl phthalate	5	4.655	-	6.9	20	82	0
IS1_Chrysene-d12	1	1	-	0	20	83	0
Benzo(a)anthracene	1.368	1.215	-	11.2	20	77	0
3,3'-Dichlorobenzidine	0.514	0.487	-	5.3	20	80	0
Chrysene	1.333	1.181	-	11.4	20	77	0
Bis(2-ethylhexyl)phthalate	5	4.515	-	9.7	20	82	0
Di-n-octylphthalate	5	4.581	-	8.4	20	85	0
Benzo(b)fluoranthene	1.411	1.365	-	3.3	20	82	0
Benzo(k)fluoranthene	1.392	1.259	-	9.6	20	77	0
Benzo(a)pyrene	1.302	1.236	-	5.1	20	80	0
IS1_Perylene-d12	1	1	-	0	20	86	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		**Lab Number**	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		**Project Number**	: 060017.000.0005000	
Instrument ID	: DAKOTA		**Calibration Date**	: 05/21/24 21:48	
Lab File ID	: ABN0521		**Init. Calib. Date(s)**	: 02/28/24	02/29/24
Sample No	: WG1922717-3		**Init. Calib. Times**	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.256	1.114	-	11.3	20	78	0
Dibenzo(a,h)anthracene	1.175	1.044	-	11.1	20	76	0
Benzo(ghi)perylene	1.182	1.026	-	13.2	20	75	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for target compounds were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-103B-20240515.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits, but the relative percent difference (RPD) for pentachlorophenol was above the allowable maximum for aqueous samples WG1922958-2/3. The %Rs for target compounds were within QC limits, but the RPDs for benzo(k)fluoranthene, benzo(ghi)perylene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd))pyrene were above the allowable maximum for aqueous samples WG1923711-2/3. Positive results for these compounds should be considered estimated (J) in associated aqueous samples.

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Field Duplicates: The analyses of aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 reported target compounds either as not detected or below the lowest standard in one or both samples; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1922958-2	Analysis Date : 05/19/24 09:16	File ID : 922958-2
LCSD Sample ID	: WG1922958-3	Analysis Date : 05/19/24 09:32	File ID : 922958-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	14	77	18	11	59	26	40-140	40
2-Chloronaphthalene	18	12	67	18	9.6	53	23	40-140	40
Fluoranthene	18	14	80	18	11	60	29	40-140	40
Hexachlorobutadiene	18	13	74	18	10	57	26	40-140	40
Naphthalene	18	12	67	18	9.4	52	25	40-140	40
Benzo(a)anthracene	18	18	102	18	14	75	31	40-140	40
Benzo(a)pyrene	18	15	84	18	11	63	29	40-140	40
Benzo(b)fluoranthene	18	15	84	18	12	64	27	40-140	40
Benzo(k)fluoranthene	18	15	85	18	12	64	28	40-140	40
Chrysene	18	18	96	18	13	70	31	40-140	40
Acenaphthylene	18	12	68	18	9.7	54	23	40-140	40
Anthracene	18	16	88	18	12	67	27	40-140	40
Benzo(ghi)perylene	18	14	80	18	11	59	30	40-140	40
Fluorene	18	14	78	18	11	60	26	40-140	40
Phenanthrene	18	15	84	18	12	63	29	40-140	40
Dibenzo(a,h)anthracene	18	15	81	18	11	60	30	40-140	40
Indeno(1,2,3-cd)pyrene	18	16	89	18	12	67	28	40-140	40
Pyrene	18	14	79	18	11	59	29	40-140	40
2-Methylnaphthalene	18	12	67	18	9.6	53	23	40-140	40
Pentachlorophenol	18	18	97	18	12	64	41 Q	40-140	40
Hexachlorobenzene	18	17	95	18	13	73	26	40-140	40
Hexachloroethane	18	12	66	18	9.2	51	26	40-140	40

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1923711-2	Analysis Date : 05/22/24 08:28	File ID : 923711-2
LCSD Sample ID	: WG1923711-3	Analysis Date : 05/22/24 08:45	File ID : 923711-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	15	82	18	11	62	28	40-140	40
2-Chloronaphthalene	18	12	68	18	9.9	54	23	40-140	40
Fluoranthene	18	15	85	18	11	61	33	40-140	40
Hexachlorobutadiene	18	12	66	18	11	58	13	40-140	40
Naphthalene	18	13	74	18	9.9	54	31	40-140	40
Benzo(a)anthracene	18	20	109	18	13	74	38	40-140	40
Benzo(a)pyrene	18	16	89	18	11	62	36	40-140	40
Benzo(b)fluoranthene	18	17	93	18	12	67	33	40-140	40
Benzo(k)fluoranthene	18	16	89	18	11	59	41 Q	40-140	40
Chrysene	18	18	100	18	12	68	38	40-140	40
Acenaphthylene	18	13	71	18	10	55	25	40-140	40
Anthracene	18	17	93	18	12	66	34	40-140	40
Benzo(ghi)perylene	18	16	87	18	10	55	45 Q	40-140	40
Fluorene	18	16	86	18	11	62	32	40-140	40
Phenanthrene	18	17	92	18	12	64	36	40-140	40
Dibenzo(a,h)anthracene	18	16	86	18	10	55	44 Q	40-140	40
Indeno(1,2,3-cd)pyrene	18	17	96	18	11	61	45 Q	40-140	40
Pyrene	18	15	84	18	11	60	33	40-140	40
2-Methylnaphthalene	18	12	67	18	9.9	54	21	40-140	40
Pentachlorophenol	18	19	107	18	13	72	39	40-140	40
Hexachlorobenzene	18	18	99	18	13	72	32	40-140	40
Hexachloroethane	18	11	59	18	9.7	53	11	40-140	40

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Alpha Analytical Labs
SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the ground water samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for aqueous MS/MSD sample MW-103B-20240515.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for aqueous samples WG1922988-2/3.

Field Duplicates: The relative percent difference for aroclor 1242 was below the allowable maximum (20%) for aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: Checked surrogate and aroclor results were within quantitation limits. The RPDs for dual column quantitation of aroclor 1242 in samples MW-104-20240515 and WC-1-20240515 were above the allowable maximum (25%), but not above 70% and the higher results were reported. Positive results for aroclor 1242 should be considered estimated, biased high (J+) in the samples.

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Identification Summary
Form 10
PCBs

Client	:	CHA Companies	Lab Number	:	L2426911
Project Name	:	FRIEDRICHSOHN 2024	Project Number	:	060017.000.0005000
Lab Sample ID	:	L2426911-07			
Client ID	:	MW-104-20240515			
Date Analyzed (1)	:	05/20/24 13:30	Date Analyzed (2)	:	05/20/24 13:30
Instrument ID (1)	:	PEST2	Instrument ID (2)	:	PEST2
GC Column (1)	:	CLP-Pesticide	GC Column (2)	:	CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1242	1	1.59	1.53	1.63	122.		
	2	1.73	1.68	1.78	307.		
COLUMN 1	3	1.91	1.86	1.96	54.1		
	4	1.97	1.92	2.02	39.3		
	5	2.33	2.27	2.37	25.8	0.782	
	1	1.81	1.75	1.85	166.		
	2	1.98	1.92	2.02	373.		
COLUMN 2	3	2.17	2.12	2.22	74.1		
	4	2.24	2.19	2.29	62.4		
	5	2.62	2.57	2.67	35.5	1.02	26

Identification Summary
Form 10
PCBs

Client	:	CHA Companies	Lab Number	:	L2426911
Project Name	:	FRIEDRICHSOHN 2024	Project Number	:	060017.000.0005000
Lab Sample ID	:	L2426911-13			
Client ID	:	WC-1-20240515			
Date Analyzed (1)	:	05/20/24 14:07	Date Analyzed (2)	:	05/20/24 14:07
Instrument ID (1)	:	PEST2	Instrument ID (2)	:	PEST2
GC Column (1)	:	CLP-Pesticide	GC Column (2)	:	CLP-PesticideII

			RT Window			Mean	
Analyte	Peak	RT	From	To	Concentration	Concentration	%RPD
AROCLOR 1242	1	1.59	1.53	1.63	55.8		
	2	1.73	1.68	1.78	228.		
COLUMN 1	3	1.91	1.86	1.96	34.7		
	4	1.97	1.92	2.02	16.4		
	5	2.32	2.27	2.37	17.7	0.503	
	1	1.81	1.75	1.85	110		
	2	1.98	1.92	2.02	262.		
COLUMN 2	3	2.17	2.12	2.22	44.4		
	4	2.23	2.19	2.29	40.3		
	5	2.62	2.57	2.67	30.8	0.696	32

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Metals Data
for Alpha Analytical Labs
SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration and method blanks reported target metals as either not detected or below the reporting limits, as required. Rinse

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries for applicable total target metals and dissolved iron were within control limits (75-125%) for aqueous MS/MSD sample MW-103B-20240515.

Laboratory Duplicates: The relative percent differences for total TAL metals and dissolved iron were below the allowable maximum (20%) for aqueous MS/MSD sample MW-103B-20240515, as required.

Field Duplicates: The relative percent difference (RPD) for dissolved iron was below the allowable maximum (20%) for dissolved aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

The RPDs for aluminum and barium were above the allowable maximum (20%) for total aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table). Positive results for aluminum and barium should be considered estimated (J) in total samples MW-103-202405215 and CHA-1-20240515.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for aqueous samples WG1922789-2, WG1923124-2, and WG1922794-2.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Serial Dilution: The %Ds for magnesium and potassium were above the allowable maximum (10%) for aqueous serial dilution sample MW-103B-20240515. Positive results for magnesium and potassium that are above the RL should be considered estimated (J) in associated total aqueous samples.

Total vs Dissolved: The dissolved results for iron were less than the total results plus 10%, as required.

Form 8
Serial Dilutions

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	Matrix	: WATER
Lab Sample ID	: L2426911-06	Analysis Date	: 05/19/24 13:20
Serial Dilution ID	: WG1922789-6	Analysis Date	: 05/19/24 13:39

Parameter	Initial Sample Result (mg/l)	Serial Dilution Result (mg/l)	% Difference	%D Limit
Aluminum, Total	3.25	3.33	2	20
Barium, Total	0.1284	0.1284	0	20
Calcium, Total	28.2	28.4	1	20
Iron, Total	6.37	6.88	8	20
Magnesium, Total	5.52	6.11	11	20
Manganese, Total	0.6360	0.6942	9	20
Potassium, Total	5.92	6.55	11	20
Sodium, Total	31.3	31.7	1	20
Zinc, Total	2.720	2.991	10	20

General Chemistry
Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Alkalinity Data for
Alpha Analytical Labs, SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported alkalinity as not detected.

Spike Sample Recovery: The percent recovery (%R) for alkalinity was within QC limits (86-116%) for aqueous spike sample MW-103-20230523.

Laboratory Duplicates: The relative percent difference for alkalinity was below the allowable maximum (20%) for aqueous duplicate sample MW-103-20230523, as required.

Field Duplicates: The relative percent difference for alkalinity was below the allowable maximum (20%) for aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

Laboratory Control Sample: The percent recoveries for alkalinity were within QC limits (90-110%) for aqueous samples WG1923742-2 and WG1923788-2.

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ALPHA GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Ammonia Data for
Alpha Analytical Labs, SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported ammonia as not detected.

Spike Sample Recovery: The percent recovery for ammonia was within QC limits (90-110%) for aqueous spike sample MW-103B-20240515.

Laboratory Duplicates: The relative percent difference for ammonia was below the allowable maximum (20%) for aqueous duplicate sample MW-103B-20240515, as required.

Field Duplicates: The relative percent difference for ammonia was below the allowable maximum (20%) for aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

Laboratory Control Sample: The percent recovery for ammonia was within QC limits (90-110%) for aqueous sample WG1925214-2.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Nitrate Data for
Alpha Analytical Labs, SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported nitrate as either as not detected or below the RL.

Spike Sample Recovery: The percent recovery for nitrate was within QC limits (83-113%) for aqueous spike sample MW-103B-20240515.

Laboratory Duplicates: The relative percent difference for nitrate was below the allowable maximum (20%) for aqueous duplicate sample MW-103B-20240515, as required.

Field Duplicates: The relative percent difference for nitrate was below the allowable maximum (20%) for aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

Laboratory Control Sample: The percent recoveries for nitrate were within QC limits (90-110%) for aqueous sample WG1921712-2 and WG1921761-2.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Sulfate Data for
Alpha Analytical Labs, SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate
Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported sulfate as not detected.

Spike Sample Recovery: The percent recoveries for sulfate were within QC limits (55-147%) for aqueous spike samples MW-103B-20240515 and WC-1-20240515.

Laboratory Duplicates: The relative percent difference for sulfate was below the allowable maximum (20%) for aqueous duplicate sample WC-1-20240515, as required.

Field Duplicates: The relative percent difference for sulfate was below the allowable maximum (20%) for aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

Laboratory Control Sample: The percent recoveries for sulfate were within QC limits (90-110%) for aqueous samples WG1924354-2 and WG1924356-2.

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ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Total Organic Carbon Data (TOC) for Alpha Analytical Labs, SDG Number: L2426911

10 Ground Water Samples and 1 Field Duplicate Collected May 14-15, 2024

Prepared by: Donald Anné
June 12, 2024

Holding Times: Samples were analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported TOC as either not detected or below the RL.

Spike Sample Recovery: The percent recoveries for TOC were within QC limits (80-120%) for aqueous spike samples MW-103B-20240515 and MW-104-20240515.

Laboratory Duplicates: The relative percent difference for TOC were below the allowable maximum (20%) for aqueous duplicate samples MW-103B-20240515 and MW-104-20240515, as required.

Field Duplicates: The relative percent difference for TOC was below the allowable maximum (20%) for aqueous field duplicate pair MW-103-20240515/CHA-1-20240515 (attached table), as required.

Laboratory Control Sample: The percent recovery for TOC was within QC limits (90-110%) for aqueous sample WG1923177-2.

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Project Name: FRIEDRICHSOHN 2024
Project Number: 060017.000.0005000

Lab Number: L2426911
Report Date: 05/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426911-01	MW-100-20240514	WATER	WATERFORD NY	05/14/24 13:00	05/15/24
L2426911-02	MW-101B-20240514	WATER	WATERFORD NY	05/14/24 12:10	05/15/24
L2426911-03	MW-102-20240514	WATER	WATERFORD NY	05/14/24 10:15	05/15/24
L2426911-04	MW-102B-20240514	WATER	WATERFORD NY	05/14/24 09:10	05/15/24
L2426911-05	MW-103-20240515	WATER	WATERFORD NY	05/15/24 10:10	05/15/24
L2426911-06	MW-103B-20240515	WATER	WATERFORD NY	05/15/24 11:15	05/15/24
L2426911-07	MW-104-20240515	WATER	WATERFORD NY	05/15/24 12:10	05/15/24
L2426911-08	MW-2-20240514	WATER	WATERFORD NY	05/14/24 14:45	05/15/24
L2426911-09	MW-2S-20240514	WATER	WATERFORD NY	05/14/24 14:30	05/15/24
L2426911-10	MW-12S-20240515	WATER	WATERFORD NY	05/15/24 13:30	05/15/24
L2426911-11	MW-13S-20240515	WATER	WATERFORD NY	05/15/24 13:00	05/15/24
L2426911-12	CHA-1-20240515	WATER	WATERFORD NY	05/15/24 12:00	05/15/24
L2426911-13	WC-1-20240515	WATER	WATERFORD NY	05/15/24 14:00	05/15/24
L2426911-14	TRIP BLANK	WATER	WATERFORD NY	05/15/24 00:00	05/15/24

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: CHA Companies
Project Name: FRIEDRICHSOHN 2024

Lab Number: L2426911
Project Number: 060017.000.0005000
Matrix:

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-100-20240514 (L2426911-01)	103	104	103	102	0
MW-101B-20240514 (L2426911-02)	106	102	105	101	0
MW-102-20240514 (L2426911-03)	104	103	106	101	0
MW-102B-20240514 (L2426911-04)	103	105	108	104	0
MW-102B-20240514 (L2426911-04D)	95	102	102	102	0
MW-103-20240515 (L2426911-05)	105	103	105	100	0
MW-103B-20240515 (L2426911-06)	103	103	106	102	0
MW-104-20240515 (L2426911-07D)	105	101	103	105	0
MW-2-20240514 (L2426911-08)	105	103	104	103	0
MW-2S-20240514 (L2426911-09)	106	103	103	103	0
MW-12S-20240515 (L2426911-10)	104	103	106	101	0
MW-13S-20240515 (L2426911-11)	102	103	106	99	0
CHA-1-20240515 (L2426911-12)	104	102	102	102	0
WC-1-20240515 (L2426911-13)	102	104	104	102	0
TRIP BLANK (L2426911-14)	107	103	102	103	0
WG1924094-3LCS	104	106	105	99	0
WG1924094-4LCSD	105	106	102	96	0
WG1924094-5BLANK	102	105	105	100	0
MW-103B-20240515MS	109	104	101	102	0
MW-103B-20240515MSD	106	104	102	99	0
WG1924321-3LCS	92	105	106	93	0
WG1924321-4LCSD	93	105	102	93	0
WG1924321-5BLANK	93	102	105	100	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1924094-3	**Analysis Date** : 05/20/24 06:38	**File ID** : VG240520A01
LCSD Sample ID	: WG1924094-4	**Analysis Date** : 05/20/24 07:02	**File ID** : VG240520A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.9	99	10	10	100	1	70-130	20
1,1-Dichloroethane	10	11	110	10	11	110	0	70-130	20
Chloroform	10	9.8	98	10	11	110	12	70-130	20
Carbon tetrachloride	10	10	100	10	9.9	99	1	63-132	20
1,2-Dichloropropane	10	10	100	10	11	110	10	70-130	20
Dibromochloromethane	10	9.8	98	10	11	110	12	63-130	20
1,1,2-Trichloroethane	10	9.8	98	10	11	110	12	70-130	20
Tetrachloroethene	10	10	100	10	11	110	10	70-130	20
Chlorobenzene	10	10	100	10	11	110	10	75-130	20
Trichlorofluoromethane	10	8.8	88	10	9.8	98	11	62-150	20
1,2-Dichloroethane	10	10	100	10	11	110	10	70-130	20
1,1,1-Trichloroethane	10	10	100	10	11	110	10	67-130	20
Bromodichloromethane	10	9.6	96	10	10	100	4	67-130	20
trans-1,3-Dichloropropene	10	9.8	98	10	11	110	12	70-130	20
cis-1,3-Dichloropropene	10	9.5	95	10	11	110	15	70-130	20
Bromoform	10	8.8	88	10	9.9	99	12	54-136	20
1,1,2,2-Tetrachloroethane	10	12	120	10	13	130	8	67-130	20
Benzene	10	10	100	10	11	110	10	70-130	20
Toluene	10	10	100	10	11	110	10	70-130	20
Ethylbenzene	10	9.9	99	10	11	110	11	70-130	20
Chloromethane	10	11	110	10	12	120	9	64-130	20
Bromomethane	10	7.7	77	10	8.4	84	9	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	12	120	10	13	130	8	55-138	20
1,1-Dichloroethene	10	9.7	97	10	10	100	3	61-145	20
trans-1,2-Dichloroethene	10	9.8	98	10	10	100	2	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1924094-3 **Analysis Date** : 05/20/24 06:38	**File ID**	: VG240520A01
LCSD Sample ID	: WG1924094-4 **Analysis Date** : 05/20/24 07:02	**File ID**	: VG240520A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	8.9	89	10	9.2	92	3	70-130	20
1,2-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,3-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
1,4-Dichlorobenzene	10	10	100	10	11	110	10	70-130	20
Methyl tert butyl ether	10	8.8	88	10	10	100	13	63-130	20
p/m-Xylene	20	19	95	20	20	100	5	70-130	20
o-Xylene	20	18	90	20	19	95	5	70-130	20
cis-1,2-Dichloroethene	10	9.4	94	10	10	100	6	70-130	20
Styrene	20	19	95	20	21	105	10	70-130	20
Dichlorodifluoromethane	10	9.7	97	10	10	100	3	36-147	20
Acetone	10	8.1	81	10	10	100	21 Q	58-148	20
Carbon disulfide	10	10	100	10	10	100	0	51-130	20
2-Butanone	10	9.4	94	10	12	120	24 Q	63-138	20
4-Methyl-2-pentanone	10	9.2	92	10	11	110	18	59-130	20
2-Hexanone	10	9.5	95	10	11	110	15	57-130	20
Bromochloromethane	10	9.4	94	10	10	100	6	70-130	20
1,2-Dibromoethane	10	9.9	99	10	11	110	11	70-130	20
1,2-Dibromo-3-chloropropane	10	9.0	90	10	11	110	20	41-144	20
Isopropylbenzene	10	9.6	96	10	10	100	4	70-130	20
1,2,3-Trichlorobenzene	10	9.3	93	10	11	110	17	70-130	20
1,2,4-Trichlorobenzene	10	9.6	96	10	11	110	14	70-130	20
Methyl Acetate	10	9.2	92	10	10	100	8	70-130	20
Cyclohexane	10	10	100	10	10	100	0	70-130	20
1,4-Dioxane	500	400	80	500	500	100	22 Q	56-162	20
Freon-113	10	9.8	98	10	9.9	99	1	70-130	20
Methyl cyclohexane	10	9.7	97	10	9.6	96	1	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1924321-3 **Analysis Date** : 05/21/24 19:16	**File ID**	: V05240521N01
LCSD Sample ID	: WG1924321-4 **Analysis Date** : 05/21/24 19:42	**File ID**	: V05240521N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	10	11	110	10	11	110	0	55-140	20

Method Blank Summary
Form 4
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: WG1924094-5	**Lab File ID**	: VG240520A05
Instrument ID	: GONZO		
Matrix	: WATER	**Analysis Date**	: 05/20/24 08:13

Client Sample No.	Lab Sample ID	Analysis Date
WG1924094-3LCS	WG1924094-3	05/20/24 06:38
WG1924094-4LCSD	WG1924094-4	05/20/24 07:02
MW-100-20240514	L2426911-01	05/20/24 11:05
MW-101B-20240514	L2426911-02	05/20/24 11:29
MW-102-20240514	L2426911-03	05/20/24 11:53
MW-102B-20240514	L2426911-04	05/20/24 12:17
MW-103-20240515	L2426911-05	05/20/24 12:41
MW-103B-20240515	L2426911-06	05/20/24 13:06
MW-2-20240514	L2426911-08	05/20/24 13:30
MW-2S-20240514	L2426911-09	05/20/24 13:54
MW-12S-20240515	L2426911-10	05/20/24 14:18
MW-13S-20240515	L2426911-11	05/20/24 14:42
CHA-1-20240515	L2426911-12	05/20/24 15:05
WC-1-20240515	L2426911-13	05/20/24 15:29
TRIP BLANK	L2426911-14	05/20/24 15:53
MW-104-20240515	L2426911-07D	05/20/24 16:17
MW-103B-20240515MS	WG1924094-6	05/20/24 16:41
MW-103B-20240515MSD	WG1924094-7	05/20/24 17:05

Method Blank Summary
Form 4
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: WG1924321-5	**Lab File ID**	: V05240521N05
Instrument ID	: VOA105		
Matrix	: WATER	**Analysis Date**	: 05/21/24 20:58

Client Sample No.	Lab Sample ID	Analysis Date
WG1924321-3LCS	WG1924321-3	05/21/24 19:16
WG1924321-4LCSD	WG1924321-4	05/21/24 19:42
MW-102B-20240514	L2426911-04D	05/21/24 21:23

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: VOA105	**Analysis Date**	: 04/05/24 16:53
Tune Standard	: WG1906007-1	**Tune File ID**	: V05240405NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.7
75	30.0 - 80.0% of mass 95	55.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.4 (1.4)1
174	Greater than 50.0% of mass 95	93.4
175	5.0 - 9.0% of mass 174	6.9 (7.4)1
176	Greater than 95.0% but less than 101% of mass	91 (97.4)1
177	5.0 - 9.0% of mass 176	5.6 (6.2)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1814525-1	V05240405N03	04/05/24 18:04
STD0.5PPB	R1814525-2	V05240405N05	04/05/24 18:54
STD2PPB	R1814525-3	V05240405N07	04/05/24 19:45
STD10PPB	R1814525-4	V05240405N09	04/05/24 20:36
STD30PPB	R1814525-5	V05240405N10	04/05/24 21:02
STD80PPB	R1814525-6	V05240405N11	04/05/24 21:27
STD120PPB	R1814525-7	V05240405N12	04/05/24 21:52
STD200PPB	R1814525-8	V05240405N13	04/05/24 22:18
Correlation Data Summary	R1814525-9	V05240405N18	04/06/24 00:24
ICV Quant Report	R1814525-9	V05240405N18	04/06/24 00:24

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: VOA105	**Analysis Date**	: 05/21/24 18:53
Tune Standard	: WG1924321-1	**Tune File ID**	: V05240521NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.3
75	30.0 - 80.0% of mass 95	47.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.2 (.3)1
174	Greater than 50.0% of mass 95	90.2
175	5.0 - 9.0% of mass 174	6.9 (7.6)1
176	Greater than 95.0% but less than 101% of mass	87.8 (97.3)1
177	5.0 - 9.0% of mass 176	5.9 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1924321-2CCAL	WG1924321-2	V05240521N01	05/21/24 19:16
WG1924321-3LCS	WG1924321-3	V05240521N01	05/21/24 19:16
WG1924321-4LCSD	WG1924321-4	V05240521N02	05/21/24 19:42
WG1924321-5BLANK	WG1924321-5	V05240521N05	05/21/24 20:58
MW-102B-20240514	L2426911-04D	V05240521N06	05/21/24 21:23

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: GONZO	**Analysis Date**	: 05/09/24 16:44
Tune Standard	: WG1919586-1	**Tune File ID**	: VG240509ABF2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 80.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.7 (.9)1
174	Greater than 50.0% of mass 95	82.8
175	5.0 - 9.0% of mass 174	6.7 (8.1)1
176	Greater than 95.0% but less than 101% of mass	81.7 (98.7)1
177	5.0 - 9.0% of mass 176	5.3 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1827283-1	VG240509A03	05/09/24 17:50
STD0.5PPB	R1827283-2	VG240509A05	05/09/24 18:37
STD2PPB	R1827283-3	VG240509A07	05/09/24 19:25
STD10PPB	R1827283-4	VG240509A08	05/09/24 19:49
STD30PPB	R1827283-5	VG240509A09	05/09/24 20:13
STD80PPB	R1827283-6	VG240509A10	05/09/24 20:37
STD120PPB	R1827283-7	VG240509A11	05/09/24 21:01
STD200PPB	R1827283-8	VG240509A12	05/09/24 21:24
Correlation Data Summary	R1827283-9	VG240509A17	05/09/24 23:24
ICV Quant Report	R1827283-9	VG240509A17	05/09/24 23:24

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: GONZO	**Analysis Date**	: 05/20/24 06:24
Tune Standard	: WG1924094-1	**Tune File ID**	: VG240520ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 80.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0% of mass 95	82
175	5.0 - 9.0% of mass 174	6.5 (7.9)1
176	Greater than 95.0% but less than 101% of mass	80 (97.6)1
177	5.0 - 9.0% of mass 176	5 (6.3)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1924094-2CCAL	WG1924094-2	VG240520A01	05/20/24 06:38
WG1924094-3LCS	WG1924094-3	VG240520A01	05/20/24 06:38
WG1924094-4LCSD	WG1924094-4	VG240520A02	05/20/24 07:02
WG1924094-5BLANK	WG1924094-5	VG240520A05	05/20/24 08:13
MW-100-20240514	L2426911-01	VG240520A12	05/20/24 11:05
MW-101B-20240514	L2426911-02	VG240520A13	05/20/24 11:29
MW-102-20240514	L2426911-03	VG240520A14	05/20/24 11:53
MW-102B-20240514	L2426911-04	VG240520A15	05/20/24 12:17
MW-103-20240515	L2426911-05	VG240520A16	05/20/24 12:41
MW-103B-20240515	L2426911-06	VG240520A17	05/20/24 13:06
MW-2-20240514	L2426911-08	VG240520A18	05/20/24 13:30
MW-2S-20240514	L2426911-09	VG240520A19	05/20/24 13:54
MW-12S-20240515	L2426911-10	VG240520A20	05/20/24 14:18
MW-13S-20240515	L2426911-11	VG240520A21	05/20/24 14:42
CHA-1-20240515	L2426911-12	VG240520A22	05/20/24 15:05
WC-1-20240515	L2426911-13	VG240520A23	05/20/24 15:29
TRIP BLANK	L2426911-14	VG240520A24	05/20/24 15:53
MW-104-20240515	L2426911-07D	VG240520A25	05/20/24 16:17
WG1924094-6MS	WG1924094-6	VG240520A26	05/20/24 16:41
WG1924094-7MSD	WG1924094-7	VG240520A27	05/20/24 17:05

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: GONZO	**Analysis Date**	: 05/20/24 06:38:00
Sample No	: WG1924094-2	**Lab File ID**	: VG240520A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1924094-2	509093	6.09	378567	9.64	209073	12.33
Upper Limit	1018186	6.59	757134	10.14	418146	12.83
Lower Limit	254547	5.59	189284	9.14	104537	11.83
Sample ID						
WG1924094-3 LCS	509093	6.09	378567	9.64	209073	12.33
WG1924094-4 LCSD	478585	6.09	353954	9.64	197075	12.33
WG1924094-5 BLANK	456319	6.09	333029	9.64	173311	12.33
MW-100-20240514	427881	6.10	306827	9.65	158815	12.33
MW-101B-20240514	423884	6.10	318786	9.65	160284	12.33
MW-102-20240514	411906	6.09	305423	9.65	152581	12.33
MW-102B-20240514	435795	6.10	311561	9.65	157505	12.33
MW-103-20240515	420645	6.10	311619	9.64	158991	12.33
MW-103B-20240515	423611	6.09	312244	9.64	157294	12.33
MW-2-20240514	424969	6.10	317557	9.65	161376	12.33
MW-2S-20240514	423493	6.10	313726	9.64	159858	12.33
MW-12S-20240515	436240	6.09	316619	9.64	159075	12.33
MW-13S-20240515	422828	6.09	304856	9.64	154501	12.33
CHA-1-20240515	406136	6.09	302464	9.64	151785	12.33
WC-1-20240515	413321	6.10	295293	9.64	149807	12.33
TRIP BLANK	405740	6.09	299219	9.64	154681	12.33
MW-104-20240515	419538	6.09	305485	9.64	155235	12.33
MW-103B-20240515 MS	441421	6.09	334309	9.64	187036	12.32
MW-103B-20240515 MSD	467182	6.09	351080	9.64	197542	12.32

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: VOA105	**Analysis Date**	: 05/21/24 19:16:00
Sample No	: WG1924321-2	**Lab File ID**	: V05240521N01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1924321-2	437687	5.68	336957	9.18	199253	11.95
Upper Limit	875374	6.18	673914	9.68	398506	12.45
Lower Limit	218844	5.18	168479	8.68	99627	11.45
Sample ID						
WG1924321-3 LCS	437687	5.68	336957	9.18	199253	11.95
WG1924321-4 LCSD	430334	5.68	332474	9.18	201127	11.95
WG1924321-5 BLANK	384567	5.68	301784	9.18	169863	11.95
MW-102B-20240514	381953	5.68	301755	9.18	171438	11.95

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A12	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A12	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-01	**Date Collected**	: 05/14/24 13:00
Client ID	: MW-100-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 11:05
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A12	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A14	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 11:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A14	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-03	**Date Collected**	: 05/14/24 10:15
Client ID	: MW-102-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 11:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A14	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A15	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	430	1.0	0.07	E
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A15	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	61	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A15	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04D	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/21/24 21:23
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: PID
Lab File ID	: V05240521N06	**Instrument ID**	: VOA105
Sample Amount	: 1 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	420	10	0.71	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	4.0	2.5	0.70	
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.54	0.50	0.16	
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.34	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	1.3	10	0.27	J
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A16	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A17	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	0.78	2.5	0.70	J
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.22	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.11	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A17	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.0	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-06	**Date Collected**	: 05/15/24 11:15
Client ID	: MW-103B-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 13:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A17	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07D	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 16:17
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A25	Instrument ID	: GONZO
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	12	3.5	U
75-34-3	1,1-Dichloroethane	ND	12	3.5	U
67-66-3	Chloroform	ND	12	3.5	U
56-23-5	Carbon tetrachloride	ND	2.5	0.67	U
78-87-5	1,2-Dichloropropane	ND	5.0	0.68	U
124-48-1	Dibromochloromethane	ND	2.5	0.74	U
79-00-5	1,1,2-Trichloroethane	ND	7.5	2.5	U
127-18-4	Tetrachloroethene	ND	2.5	0.90	U
108-90-7	Chlorobenzene	15	12	3.5	
75-69-4	Trichlorofluoromethane	ND	12	3.5	U
107-06-2	1,2-Dichloroethane	ND	2.5	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	12	3.5	U
75-27-4	Bromodichloromethane	ND	2.5	0.96	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.82	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.72	U
75-25-2	Bromoform	ND	10	3.2	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.84	U
71-43-2	Benzene	1.3	2.5	0.80	J
108-88-3	Toluene	ND	12	3.5	U
100-41-4	Ethylbenzene	ND	12	3.5	U
74-87-3	Chloromethane	ND	12	3.5	U
74-83-9	Bromomethane	ND	12	3.5	U
75-01-4	Vinyl chloride	450	5.0	0.36	
75-00-3	Chloroethane	ND	12	3.5	U
75-35-4	1,1-Dichloroethene	1.1	2.5	0.84	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07D	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 16:17
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A25	Instrument ID	: GONZO
Sample Amount	: 2 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	12	3.5	U
79-01-6	Trichloroethene	ND	2.5	0.88	U
95-50-1	1,2-Dichlorobenzene	ND	12	3.5	U
541-73-1	1,3-Dichlorobenzene	ND	12	3.5	U
106-46-7	1,4-Dichlorobenzene	ND	12	3.5	U
1634-04-4	Methyl tert butyl ether	ND	12	0.83	U
179601-23-1	p/m-Xylene	3.6	12	3.5	J
95-47-6	o-Xylene	ND	12	3.5	U
156-59-2	cis-1,2-Dichloroethene	820	12	3.5	
100-42-5	Styrene	ND	12	3.5	U
75-71-8	Dichlorodifluoromethane	ND	25	5.0	U
67-64-1	Acetone	ND	25	7.3	U
75-15-0	Carbon disulfide	ND	25	5.0	U
78-93-3	2-Butanone	ND	25	9.7	U
108-10-1	4-Methyl-2-pentanone	ND	25	5.0	U
591-78-6	2-Hexanone	ND	25	5.0	U
74-97-5	Bromochloromethane	ND	12	3.5	U
106-93-4	1,2-Dibromoethane	ND	10	3.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	3.5	U
98-82-8	Isopropylbenzene	ND	12	3.5	U
87-61-6	1,2,3-Trichlorobenzene	ND	12	3.5	U
120-82-1	1,2,4-Trichlorobenzene	ND	12	3.5	U
79-20-9	Methyl Acetate	ND	10	1.2	U
110-82-7	Cyclohexane	6.1	50	1.4	J
123-91-1	1,4-Dioxane	ND	1200	300	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-07D	**Date Collected**	: 05/15/24 12:10
Client ID	: MW-104-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 16:17
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A25	**Instrument ID**	: GONZO
Sample Amount	: 2 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	12	3.5	U
108-87-2	Methyl cyclohexane	ND	50	2.0	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A18	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A18	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A18	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A19	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	0.93	2.5	0.70	J
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	0.54	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A19	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A19	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-10	Date Collected	: 05/15/24 13:30
Client ID	: MW-12S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A20	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	0.98	2.5	0.70	J
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.97	0.50	0.16	
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.72	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-10	Date Collected	: 05/15/24 13:30
Client ID	: MW-12S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A20	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.1	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	1.2	10	0.27	J
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-10	**Date Collected**	: 05/15/24 13:30
Client ID	: MW-12S-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 14:18
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A20	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-11	Date Collected	: 05/15/24 13:00
Client ID	: MW-13S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A21	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.10	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-11	Date Collected	: 05/15/24 13:00
Client ID	: MW-13S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A21	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	13	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-11	Date Collected	: 05/15/24 13:00
Client ID	: MW-13S-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A21	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	4.1	2.5	0.70	
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.55	0.50	0.16	
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.14	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:05
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A22	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	1.3	10	0.27	J
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-12	**Date Collected**	: 05/15/24 12:00
Client ID	: CHA-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 15:05
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: VG240520A22	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A23	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	1.5	2.5	0.70	J
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	0.22	0.50	0.16	J
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	27	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A23	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	39	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	3.1	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	1.2	10	0.27	J
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A23	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-14	Date Collected	: 05/15/24 00:00
Client ID	: TRIP BLANK	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A24	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-14	Date Collected	: 05/15/24 00:00
Client ID	: TRIP BLANK	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A24	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-14	Date Collected	: 05/15/24 00:00
Client ID	: TRIP BLANK	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: VG240520A24	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A12.D
Acq On : 20 May 2024 11:05 am
Operator : GONZO:LAC
Sample : L2426911-01,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 21 19:22:25 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.102	96	427881	10.000 ug/L	0.00
Standard Area 1 = 509093			Recovery = 84.05%		
59) Chlorobenzene-d5	9.646	117	306827	10.000 ug/L	0.00
Standard Area 1 = 378567			Recovery = 81.05%		
79) 1,4-Dichlorobenzene-d4	12.327	152	158815	10.000 ug/L	0.00
Standard Area 1 = 209073			Recovery = 75.96%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.289	113	111330	10.160 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.60%		
43) 1,2-Dichloroethane-d4	5.821	65	135945	10.340 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.40%		
60) Toluene-d8	7.794	98	394118	10.439 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.39%		
83) 4-Bromofluorobenzene	11.126	95	131216	10.274 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.74%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.490	85	528	N.D.	
3) Chloromethane	1.885	50	342	N.D.	
4) Vinyl chloride	1.946	62	366	N.D.	
5) Bromomethane	2.273	94	922	Below Cal	85
6) Chloroethane	2.333	64	199	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.055	76	460	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.587	84	400	N.D.	
17) Acetone	3.640	43	3014	1.272 ug/L #	79
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	3.709	43	198	N.D.	
20) Methyl tert-butyl ether	3.602	73	348	N.D.	
23) 1,1-Dichloroethane	4.316	63	2050	0.121 ug/L	82
28) cis-1,2-Dichloroethene	4.848	96	1180	0.119 ug/L #	78
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D. d	
32) Chloroform	5.106	83	74	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A12.D
Acq On : 20 May 2024 11:05 am
Operator : GONZO:LAC
Sample : L2426911-01,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 21 19:22:25 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.319	97	76	N.D.		
39) 2-Butanone	5.395	43	159	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	6.284	95	1512	0.139	ug/L #	79
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.579	75	192	N.D.		
61) Toluene	7.858	92	229	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.309	166	91	N.D.		
65) trans-1,3-Dichloropropene	8.345	75	74	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	9.069	107	79	N.D.		
72) 2-Hexanone	9.076	43	68	N.D.		
73) Chlorobenzene	9.654	112	92	N.D.		
74) Ethylbenzene	9.703	91	74	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	10.542	173	77	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.126	83	94	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A13.D
Acq On : 20 May 2024 11:29 am
Operator : GONZO:LAC
Sample : L2426911-02,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 21 19:22:56 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.101	96	423884	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 83.26%			
59) Chlorobenzene-d5	9.645	117	318786	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 84.21%			
79) 1,4-Dichlorobenzene-d4	12.327	152	160284	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 76.66%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.288	113	109320	10.070	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.70%			
43) 1,2-Dichloroethane-d4	5.820	65	138064	10.601	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.01%			
60) Toluene-d8	7.793	98	400907	10.221	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.21%			
83) 4-Bromofluorobenzene	11.126	95	134713	10.451	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.51%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.482	85	670	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	1.953	62	314	N.D.		
5) Bromomethane	2.265	94	837	Below Cal		80
6) Chloroethane	2.363	64	134	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.055	76	5346	0.225	ug/L	96
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.587	84	309	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.739	43	221	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	5.114	83	73	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A13.D
Acq On : 20 May 2024 11:29 am
Operator : GONZO:LAC
Sample : L2426911-02,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 21 19:22:56 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.448	43	68	N.D.		
41) Benzene	5.706	78	81	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.	d	
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.851	92	83	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.653	91	814	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	10.295	173	84	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.327	146	104	N.D.		
101) 1,4-Dichlorobenzene	12.327	146	104	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A14.D
Acq On : 20 May 2024 11:53 am
Operator : GONZO:LAC
Sample : L2426911-03,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 21 19:23:26 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.094	96	411906	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 80.91%			
59) Chlorobenzene-d5	9.645	117	305423	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 80.68%			
79) 1,4-Dichlorobenzene-d4	12.327	152	152581	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 72.98%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.288	113	106378	10.084	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.84%			
43) 1,2-Dichloroethane-d4	5.820	65	131839	10.417	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.17%			
60) Toluene-d8	7.793	98	387608	10.314	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.14%			
83) 4-Bromofluorobenzene	11.126	95	130471	10.633	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.513	85	515	N.D.		
3) Chloromethane	1.908	50	362	N.D.		
4) Vinyl chloride	1.946	62	81	N.D.		
5) Bromomethane	2.265	94	796	Below Cal	#	60
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.055	76	576	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.579	84	71	N.D.		
17) Acetone	3.640	43	851	0.373 ug/L	#	79
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.685	43	156	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	4.331	63	78	N.D.		
28) cis-1,2-Dichloroethene	4.848	96	243	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A14.D
Acq On : 20 May 2024 11:53 am
Operator : GONZO:LAC
Sample : L2426911-03,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 21 19:23:26 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.068	97	69	N.D.		
39) 2-Butanone	5.425	43	83	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	6.306	95	877M3	0.084	ug/L	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.843	92	159	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.326	43	112	N.D.		
73) Chlorobenzene	9.653	112	175	N.D.		
74) Ethylbenzene	9.653	91	695	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A15.D
Acq On : 20 May 2024 12:17 pm
Operator : GONZO:LAC
Sample : L2426911-04,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 21 19:25:11 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.101	96	435795	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery =	85.60%		
59) Chlorobenzene-d5	9.645	117	311561	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery =	82.30%		
79) 1,4-Dichlorobenzene-d4	12.327	152	157505	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery =	75.33%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.288	113	116404	10.430	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.30%		
43) 1,2-Dichloroethane-d4	5.820	65	138262	10.326	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.26%		
60) Toluene-d8	7.793	98	400861	10.456	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.56%		
83) 4-Bromofluorobenzene	11.126	95	137024	10.818	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	108.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.528	85	289	N.D.		
3) Chloromethane	0.000		0	N.D.	d	
4) Vinyl chloride	1.946	62	4721063	429.756	ug/L	99
5) Bromomethane	2.272	94	865	Below Cal	#	71
6) Chloroethane	2.348	64	645	0.085	ug/L	97
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.017	96	85	N.D.		
11) Carbon disulfide	0.000		0	N.D.	d	
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.587	84	420	N.D.		
17) Acetone	3.647	43	1148	0.476	ug/L #	60
18) trans-1,2-Dichloroethene	3.739	96	423	N.D.		
19) Methyl acetate	3.723	43	86	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	4.840	96	616447	60.885	ug/L #	85
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.	d	
32) Chloroform	5.121	83	72	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A15.D
Acq On : 20 May 2024 12:17 pm
Operator : GONZO:LAC
Sample : L2426911-04,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 21 19:25:11 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.076	97	95	N.D.		
39) 2-Butanone	5.402	43	77	N.D.		
41) Benzene	5.683	78	584	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	7.013	63	68	N.D.		
54) Bromodichloromethane	7.149	83	75	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.449	75	67	N.D.		
61) Toluene	7.851	92	66	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.678	112	75	N.D.		
74) Ethylbenzene	9.686	91	104	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.488	83	109	N.D.		
100) 1,3-Dichlorobenzene	12.319	146	176	N.D.		
101) 1,4-Dichlorobenzene	12.319	146	176	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A16.D
Acq On : 20 May 2024 12:41 pm
Operator : GONZO:LAC
Sample : L2426911-05,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 21 19:26:06 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.101	96	420645	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 82.63%			
59) Chlorobenzene-d5	9.637	117	311619	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 82.32%			
79) 1,4-Dichlorobenzene-d4	12.327	152	158991	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 76.05%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.288	113	108047	10.030	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.30%			
43) 1,2-Dichloroethane-d4	5.820	65	135400	10.476	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.76%			
60) Toluene-d8	7.793	98	393439	10.261	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.61%			
83) 4-Bromofluorobenzene	11.126	95	134253	10.500	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.520	85	607	N.D.		
3) Chloromethane	1.892	50	329	N.D.		
4) Vinyl chloride	1.953	62	3646	0.344	ug/L	89
5) Bromomethane	2.265	94	830	Below Cal		91
6) Chloroethane	2.371	64	360	N.D.		
7) Trichlorofluoromethane	2.546	101	73	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.062	76	1008	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.579	84	77	N.D.		
17) Acetone	3.647	43	1041	0.447	ug/L #	64
18) trans-1,2-Dichloroethene	3.739	96	819	0.097	ug/L	83
19) Methyl acetate	3.739	43	97	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	4.339	63	1057	N.D.		
28) cis-1,2-Dichloroethene	4.848	96	2254	0.231	ug/L #	85
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.030	56	1594	1.277	ug/L #	60
32) Chloroform	5.281	83	87	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A16.D
Acq On : 20 May 2024 12:41 pm
Operator : GONZO:LAC
Sample : L2426911-05,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 21 19:26:06 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.387	43	73	N.D.		
41) Benzene	5.683	78	19293	0.542	ug/L	94
44) 1,2-Dichloroethane	5.889	62	1091M3	0.085	ug/L	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D. d		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.607	75	65	N.D.		
61) Toluene	7.851	92	614	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.118	43	86	N.D.		
73) Chlorobenzene	9.662	112	95547	3.993	ug/L	93
74) Ethylbenzene	9.629	91	455	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D. d		
78) Styrene	0.000		0	N.D. d		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.261	146	612	N.D.		
101) 1,4-Dichlorobenzene	12.343	146	9338	0.513	ug/L #	82
104) 1,2-Dichlorobenzene	12.771	146	3288	0.199	ug/L	98
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A17.D
Acq On : 20 May 2024 1:06 pm
Operator : GONZO:LAC
Sample : L2426911-06,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 21 19:26:46 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.094	96	423611	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 83.21%			
59) Chlorobenzene-d5	9.637	117	312244	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 82.48%			
79) 1,4-Dichlorobenzene-d4	12.327	152	157294	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 75.23%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.289	113	110445	10.180	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.80%			
43) 1,2-Dichloroethane-d4	5.821	65	133711	10.273	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.73%			
60) Toluene-d8	7.794	98	394524	10.269	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.69%			
83) 4-Bromofluorobenzene	11.126	95	134451	10.629	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.29%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	236	N.D.		
3) Chloromethane	1.893	50	351	N.D.		
4) Vinyl chloride	1.954	62	1143	0.107	ug/L #	40
5) Bromomethane	2.265	94	755	Below Cal		81
6) Chloroethane	2.333	64	188	N.D.		
7) Trichlorofluoromethane	2.318	101	69	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.063	76	729	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.587	84	93	N.D.		
17) Acetone	3.625	43	4615	1.967	ug/L	99
18) trans-1,2-Dichloroethene	3.731	96	72	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	4.324	63	287	N.D.		
28) cis-1,2-Dichloroethene	4.848	96	367	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.	d	
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A17.D
Acq On : 20 May 2024 1:06 pm
Operator : GONZO:LAC
Sample : L2426911-06,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 21 19:26:46 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.410	43	88	N.D.		
41) Benzene	5.684	78	7875	0.220	ug/L #	83
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.815	75	72	N.D.		
61) Toluene	7.844	92	179	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.	d	
73) Chlorobenzene	9.662	112	18701	0.780	ug/L	94
74) Ethylbenzene	9.637	91	506	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.	d	
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.	d	
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.344	146	566	N.D.		
101) 1,4-Dichlorobenzene	12.344	146	566	N.D.		
104) 1,2-Dichlorobenzene	12.780	146	262	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.038	180	100	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A18.D
Acq On : 20 May 2024 1:30 pm
Operator : GONZO:LAC
Sample : L2426911-08,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 21 19:27:03 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.101	96	424969	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 83.48%			
59) Chlorobenzene-d5	9.645	117	317557	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 83.88%			
79) 1,4-Dichlorobenzene-d4	12.327	152	161376	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 77.19%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.288	113	112138	10.303	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.03%			
43) 1,2-Dichloroethane-d4	5.820	65	136725	10.471	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.71%			
60) Toluene-d8	7.793	98	401630	10.279	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.79%			
83) 4-Bromofluorobenzene	11.126	95	135479	10.440	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	1.892	50	172	N.D.		
4) Vinyl chloride	1.953	62	285	N.D.		
5) Bromomethane	2.265	94	691	Below Cal		92
6) Chloroethane	2.174	64	95	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.055	76	537	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.579	84	161	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.754	43	80	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A18.D
Acq On : 20 May 2024 1:30 pm
Operator : GONZO:LAC
Sample : L2426911-08,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 21 19:27:03 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.858	92	159	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.362	43	64	N.D.		
73) Chlorobenzene	9.662	112	82	N.D.		
74) Ethylbenzene	9.629	91	672	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.327	146	193	N.D.		
101) 1,4-Dichlorobenzene	12.327	146	193	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	14.852	180	75	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A19.D
Acq On : 20 May 2024 1:54 pm
Operator : GONZO:LAC
Sample : L2426911-09,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 21 19:27:41 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.101	96	423493	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 83.19%			
59) Chlorobenzene-d5	9.637	117	313726	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 82.87%			
79) 1,4-Dichlorobenzene-d4	12.327	152	159858	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 76.46%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.288	113	111386	10.270	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.70%			
43) 1,2-Dichloroethane-d4	5.820	65	138022	10.607	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.07%			
60) Toluene-d8	7.793	98	399338	10.345	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.45%			
83) 4-Bromofluorobenzene	11.126	95	132151	10.280	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	1.900	50	76	N.D.		
4) Vinyl chloride	1.961	62	145	N.D.		
5) Bromomethane	2.265	94	834	Below Cal	#	42
6) Chloroethane	2.295	64	288	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.047	76	299	N.D.		
12) Freon-113	3.169	101	81	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.640	43	1236	0.527	ug/L #	60
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.716	43	70	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	4.916	96	70	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	5.114	83	15167	0.933	ug/L #	93
34) Carbon tetrachloride	5.228	117	1175	0.093	ug/L #	70

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A19.D
Acq On : 20 May 2024 1:54 pm
Operator : GONZO:LAC
Sample : L2426911-09,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 21 19:27:41 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.303	97	2205	0.158	ug/L #	86
39) 2-Butanone	5.326	43	69	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D. d		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D. d		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	6.891	83	70	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.865	92	69	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.302	166	4524	0.544	ug/L	93
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.637	91	563	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D. d		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.352	146	85	N.D.		
101) 1,4-Dichlorobenzene	12.352	146	85	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A20.D
Acq On : 20 May 2024 2:18 pm
Operator : GONZO:LAC
Sample : L2426911-10,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 21 19:28:36 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.094	96	436240	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery =	85.69%		
59) Chlorobenzene-d5	9.637	117	316619	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery =	83.64%		
79) 1,4-Dichlorobenzene-d4	12.327	152	159075	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery =	76.09%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.289	113	112592	10.078	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.78%		
43) 1,2-Dichloroethane-d4	5.820	65	139451	10.404	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.04%		
60) Toluene-d8	7.793	98	402671	10.336	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.36%		
83) 4-Bromofluorobenzene	11.126	95	135735	10.611	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.11%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.528	85	75	N.D.		
3) Chloromethane	1.893	50	248	N.D.		
4) Vinyl chloride	1.953	62	7967	0.724	ug/L	99
5) Bromomethane	2.265	94	595	Below Cal		92
6) Chloroethane	2.348	64	81	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.063	76	729	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.594	84	263	N.D.		
17) Acetone	3.625	43	1472M1	0.609	ug/L	
18) trans-1,2-Dichloroethene	3.739	96	478	N.D.		
19) Methyl acetate	3.731	43	69	N.D.		
20) Methyl tert-butyl ether	3.792	73	102	N.D.		
23) 1,1-Dichloroethane	4.309	63	508	N.D.		
28) cis-1,2-Dichloroethene	4.848	96	10931	1.079	ug/L	86
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.015	56	1175	1.252	ug/L #	46
32) Chloroform	5.273	83	88	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A20.D
Acq On : 20 May 2024 2:18 pm
Operator : GONZO:LAC
Sample : L2426911-10,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 21 19:28:36 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.403	43	68	N.D.		
41) Benzene	5.676	78	35781	0.970	ug/L #	92
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.564	75	141	N.D.		
61) Toluene	7.836	92	407	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	8.359	75	112	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.255	43	92	N.D.		
73) Chlorobenzene	9.662	112	23921	0.984	ug/L	99
74) Ethylbenzene	9.654	91	719	N.D.		
76) p/m Xylene	0.000		0	N.D.	d	
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.253	146	199	N.D.		
101) 1,4-Dichlorobenzene	12.344	146	1354	0.074	ug/L #	1
104) 1,2-Dichlorobenzene	12.788	146	277	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A21.D
Acq On : 20 May 2024 2:42 pm
Operator : GONZO:LAC
Sample : L2426911-11,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 21 19:29:00 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.094	96	422828	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 83.06%			
59) Chlorobenzene-d5	9.637	117	304856	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 80.53%			
79) 1,4-Dichlorobenzene-d4	12.327	152	154501	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 73.90%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.289	113	107340	9.912	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.12%			
43) 1,2-Dichloroethane-d4	5.813	65	131923	10.154	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.54%			
60) Toluene-d8	7.786	98	387841	10.339	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.39%			
83) 4-Bromofluorobenzene	11.126	95	131229	10.562	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.520	85	196	N.D.		
3) Chloromethane	1.893	50	143	N.D.		
4) Vinyl chloride	1.946	62	1068	0.100	ug/L	67
5) Bromomethane	2.272	94	459	Below Cal #		70
6) Chloroethane	2.379	64	82	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.055	76	999	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.587	84	706	0.078	ug/L	77
17) Acetone	3.625	43	31295	13.365	ug/L	92
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	3.625	73	243	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	4.840	96	1428	0.145	ug/L #	90
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D. d		
32) Chloroform	5.114	83	862	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A21.D
Acq On : 20 May 2024 2:42 pm
Operator : GONZO:LAC
Sample : L2426911-11,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 21 19:29:00 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.425	43	184	N.D.		
41) Benzene	5.684	78	175	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	7.113	88	288	3.631	ug/L #	21
58) cis-1,3-Dichloropropene	7.607	75	137	N.D.		
61) Toluene	7.844	92	428	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	8.345	75	87	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.662	112	497	N.D.		
74) Ethylbenzene	9.637	91	607	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.335	146	156	N.D.		
101) 1,4-Dichlorobenzene	12.335	146	156	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A22.D
Acq On : 20 May 2024 3:05 pm
Operator : GONZO:LAC
Sample : L2426911-12,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 21 19:29:46 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.094	96	406136	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery =	79.78%		
59) Chlorobenzene-d5	9.637	117	302464	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery =	79.90%		
79) 1,4-Dichlorobenzene-d4	12.327	152	151785	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery =	72.60%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.289	113	105597	10.152	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.52%		
43) 1,2-Dichloroethane-d4	5.813	65	130381	10.448	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.48%		
60) Toluene-d8	7.793	98	380019	10.211	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.11%		
83) 4-Bromofluorobenzene	11.126	95	124282	10.182	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.82%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.490	85	705	N.D.		
3) Chloromethane	1.893	50	142	N.D.		
4) Vinyl chloride	1.946	62	1379	0.135	ug/L	99
5) Bromomethane	2.326	94	322	Below Cal		99
6) Chloroethane	2.303	64	400	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.055	76	630	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.594	84	276	N.D.		
17) Acetone	3.632	43	1883	0.837	ug/L #	79
18) trans-1,2-Dichloroethene	3.731	96	961	0.118	ug/L	95
19) Methyl acetate	3.754	43	75	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	4.324	63	1201	0.074	ug/L #	73
28) cis-1,2-Dichloroethene	4.855	96	1318	0.140	ug/L #	88
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.030	56	1511	1.275	ug/L #	64
32) Chloroform	5.289	83	74	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A22.D
Acq On : 20 May 2024 3:05 pm
Operator : GONZO:LAC
Sample : L2426911-12,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 21 19:29:46 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.	
39) 2-Butanone	5.410	43	75	N.D.	
41) Benzene	5.684	78	18761	0.546 ug/L #	89
44) 1,2-Dichloroethane	5.889	62	1143M3	0.092 ug/L	
47) Methyl cyclohexane	0.000		0	N.D.	
48) Trichloroethene	0.000		0	N.D. d	
51) 1,2-Dichloropropane	0.000		0	N.D.	
54) Bromodichloromethane	0.000		0	N.D.	
57) 1,4-Dioxane	0.000		0	N.D.	
58) cis-1,3-Dichloropropene	7.543	75	67	N.D.	
61) Toluene	7.851	92	491	N.D.	
62) 4-Methyl-2-pentanone	0.000		0	N.D.	
63) Tetrachloroethene	0.000		0	N.D.	
65) trans-1,3-Dichloropropene	0.000		0	N.D.	
68) 1,1,2-Trichloroethane	0.000		0	N.D.	
69) Chlorodibromomethane	8.789	129	67	N.D.	
71) 1,2-Dibromoethane	0.000		0	N.D.	
72) 2-Hexanone	9.133	43	67	N.D.	
73) Chlorobenzene	9.662	112	96224	4.143 ug/L	92
74) Ethylbenzene	9.703	91	87	N.D.	
76) p/m Xylene	9.909	106	79	0.632 ug/L #	1
77) o Xylene	0.000		0	N.D. d	
78) Styrene	0.000		0	N.D.	
80) Bromoform	0.000		0	N.D.	
82) Isopropylbenzene	0.000		0	N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
100) 1,3-Dichlorobenzene	12.261	146	467	N.D.	
101) 1,4-Dichlorobenzene	12.335	146	8876	0.511 ug/L #	78
104) 1,2-Dichlorobenzene	12.771	146	3655	0.232 ug/L	85
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A23.D
Acq On : 20 May 2024 3:29 pm
Operator : GONZO:LAC
Sample : L2426911-13,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 21 19:30:39 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.101	96	413321	10.000 ug/L	0.00
Standard Area 1 = 509093			Recovery =	81.19%	
59) Chlorobenzene-d5	9.637	117	295293	10.000 ug/L	0.00
Standard Area 1 = 378567			Recovery =	78.00%	
79) 1,4-Dichlorobenzene-d4	12.327	152	149807	10.000 ug/L	0.00
Standard Area 1 = 209073			Recovery =	71.65%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.288	113	108244	10.226 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.26%	
43) 1,2-Dichloroethane-d4	5.813	65	129309	10.182 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.82%	
60) Toluene-d8	7.786	98	378770	10.424 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.24%	
83) 4-Bromofluorobenzene	11.126	95	125052	10.380 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.80%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.497	85	583	N.D.	
3) Chloromethane	1.893	50	526	N.D.	
4) Vinyl chloride	1.946	62	279082	26.786 ug/L	98
5) Bromomethane	2.272	94	876	Below Cal #	67
6) Chloroethane	2.348	64	180	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	3.032	96	120	N.D.	
11) Carbon disulfide	3.047	76	1926	0.083 ug/L #	73
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.602	84	72	N.D.	
17) Acetone	3.632	43	7131	3.115 ug/L	96
18) trans-1,2-Dichloroethene	3.739	96	1007	0.122 ug/L #	72
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	4.324	63	685	N.D.	
28) cis-1,2-Dichloroethene	4.848	96	375773	39.132 ug/L #	84
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	5.023	56	175	1.201 ug/L #	45
32) Chloroform	5.114	83	5702	0.359 ug/L #	75
34) Carbon tetrachloride	5.023	117	74	N.D.	

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A23.D
Acq On : 20 May 2024 3:29 pm
Operator : GONZO:LAC
Sample : L2426911-13,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 21 19:30:39 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.	
39) 2-Butanone	5.418	43	2634	0.872 ug/L #	49
41) Benzene	5.676	78	7771	0.222 ug/L #	85
44) 1,2-Dichloroethane	0.000		0	N.D. d	
47) Methyl cyclohexane	0.000		0	N.D.	
48) Trichloroethene	6.291	95	1081	0.103 ug/L #	51
51) 1,2-Dichloropropane	0.000		0	N.D.	
54) Bromodichloromethane	6.907	83	892	0.072 ug/L #	84
57) 1,4-Dioxane	0.000		0	N.D.	
58) cis-1,3-Dichloropropene	7.729	75	75	N.D.	
61) Toluene	7.851	92	1050	N.D.	
62) 4-Methyl-2-pentanone	0.000		0	N.D.	
63) Tetrachloroethene	0.000		0	N.D.	
65) trans-1,3-Dichloropropene	0.000		0	N.D.	
68) 1,1,2-Trichloroethane	0.000		0	N.D.	
69) Chlorodibromomethane	0.000		0	N.D.	
71) 1,2-Dibromoethane	0.000		0	N.D.	
72) 2-Hexanone	0.000		0	N.D. d	
73) Chlorobenzene	9.662	112	34595	1.526 ug/L	97
74) Ethylbenzene	9.695	91	469	N.D.	
76) p/m Xylene	9.900	106	278	0.644 ug/L #	1
77) o Xylene	0.000		0	N.D.	
78) Styrene	0.000		0	N.D.	
80) Bromoform	0.000		0	N.D.	
82) Isopropylbenzene	0.000		0	N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
100) 1,3-Dichlorobenzene	12.269	146	268	N.D.	
101) 1,4-Dichlorobenzene	12.335	146	2368	0.138 ug/L #	30
104) 1,2-Dichlorobenzene	12.771	146	734	N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A24.D
Acq On : 20 May 2024 3:53 pm
Operator : GONZO:LAC
Sample : L2426911-14,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 21 19:31:13 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.094	96	405740	10.000 ug/L	0.00
Standard Area 1 = 509093			Recovery = 79.70%		
59) Chlorobenzene-d5	9.637	117	299219	10.000 ug/L	0.00
Standard Area 1 = 378567			Recovery = 79.04%		
79) 1,4-Dichlorobenzene-d4	12.327	152	154681	10.000 ug/L	0.00
Standard Area 1 = 209073			Recovery = 73.98%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.289	113	107396	10.335 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.35%		
43) 1,2-Dichloroethane-d4	5.813	65	132822	10.654 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.54%		
60) Toluene-d8	7.786	98	379382	10.304 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.04%		
83) 4-Bromofluorobenzene	11.126	95	127359	10.239 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.39%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d	
3) Chloromethane	1.885	50	85	N.D.	
4) Vinyl chloride	1.946	62	115	N.D.	
5) Bromomethane	2.273	94	438	Below Cal	84
6) Chloroethane	2.303	64	86	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.055	76	397	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.587	84	75	N.D.	
17) Acetone	3.640	43	2830	1.259 ug/L #	68
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	3.769	43	87	N.D.	
20) Methyl tert-butyl ether	3.906	73	80	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	4.848	96	470	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A24.D
Acq On : 20 May 2024 3:53 pm
Operator : GONZO:LAC
Sample : L2426911-14,31,10,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 21 19:31:13 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.334	43	81	N.D.		
41) Benzene	5.691	78	73	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.844	92	948	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.711	91	86	N.D.		
76) p/m Xylene	0.000		0	N.D.	d	
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	10.534	173	98	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.335	146	296	N.D.		
101) 1,4-Dichlorobenzene	12.335	146	296	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A25.D
Acq On : 20 May 2024 4:17 pm
Operator : GONZO:LAC
Sample : L2426911-07D,31,2.0,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 21 19:32:00 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.094	96	419538	10.000	ug/L	0.00
Standard Area 1 = 509093			Recovery = 82.41%			
59) Chlorobenzene-d5	9.637	117	305485	10.000	ug/L	0.00
Standard Area 1 = 378567			Recovery = 80.70%			
79) 1,4-Dichlorobenzene-d4	12.327	152	155235	10.000	ug/L	0.00
Standard Area 1 = 209073			Recovery = 74.25%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.289	113	113074	10.524	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.24%			
43) 1,2-Dichloroethane-d4	5.813	65	135882	10.541	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.41%			
60) Toluene-d8	7.787	98	380638	10.126	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.26%			
83) 4-Bromofluorobenzene	11.126	95	129036	10.336	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.513	85	639	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	1.946	62	943800	89.243	ug/L	99
5) Bromomethane	2.265	94	572	Below Cal		91
6) Chloroethane	2.333	64	501	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.017	96	1631	0.220	ug/L	80
11) Carbon disulfide	3.055	76	270	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.587	84	239	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	3.739	96	3832	0.457	ug/L	80
19) Methyl acetate	3.800	43	93	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	4.324	63	882	N.D.		
28) cis-1,2-Dichloroethene	4.841	96	1597548	163.901	ug/L #	84
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.038	56	477	1.217	ug/L #	21
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2024\240520A\
Data File : VG240520A25.D
Acq On : 20 May 2024 4:17 pm
Operator : GONZO:LAC
Sample : L2426911-07D,31,2.0,10,,A
Misc : WG1924094,ICAL21111
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 21 19:32:00 2024
Quant Method : K:\Gonzo\2024\240520A\G_240509A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri May 10 11:02:54 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2024\240520A\VG240520A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.068	97	69	N.D.		
39) 2-Butanone	5.388	43	69	N.D.		
41) Benzene	5.676	78	9090	0.256	ug/L #	90
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.	d	
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.629	75	76	N.D.		
61) Toluene	7.851	92	1211	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	8.266	75	86	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.126	43	85	N.D.		
73) Chlorobenzene	9.662	112	71722	3.058	ug/L	92
74) Ethylbenzene	9.703	91	3135	0.078	ug/L #	88
76) p/m Xylene	9.909	106	1531	0.716	ug/L	88
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.	d	
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
101) 1,4-Dichlorobenzene	12.336	146	4658	0.262	ug/L #	67
104) 1,2-Dichlorobenzene	12.780	146	690	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2024\240521N\
Data File : V05240521N06.D
Acq On : 21 May 2024 9:23 pm
Operator : VOA105:PID
Sample : l2426911-04D,31,1.0,10,,c
Misc : WG1924321,ICAL21016
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 22 08:26:56 2024
Quant Method : K:\VOA105\2024\240521N\V105_240405N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 08 12:09:00 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA105\2024\240521N\V05240521N01.D
Sub List : 8260-VC - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.684	96	381953	10.000	ug/L	0.00
Standard Area 1 = 437687			Recovery = 87.27%			
59) Chlorobenzene-d5	9.177	117	301755	10.000	ug/L	0.00
Standard Area 1 = 336957			Recovery = 89.55%			
79) 1,4-Dichlorobenzene-d4	11.949	152	171438	10.000	ug/L	0.00
Standard Area 1 = 199253			Recovery = 86.04%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.902	113	112256	10.169	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.69%			
43) 1,2-Dichloroethane-d4	5.410	65	115309	9.469	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.69%			
60) Toluene-d8	7.347	98	365678	10.164	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.64%			
83) 4-Bromofluorobenzene	10.715	95	127483	10.210	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.10%			
Target Compounds						Qvalue
4) Vinyl chloride	1.743	62	436486	42.337	ug/L	95

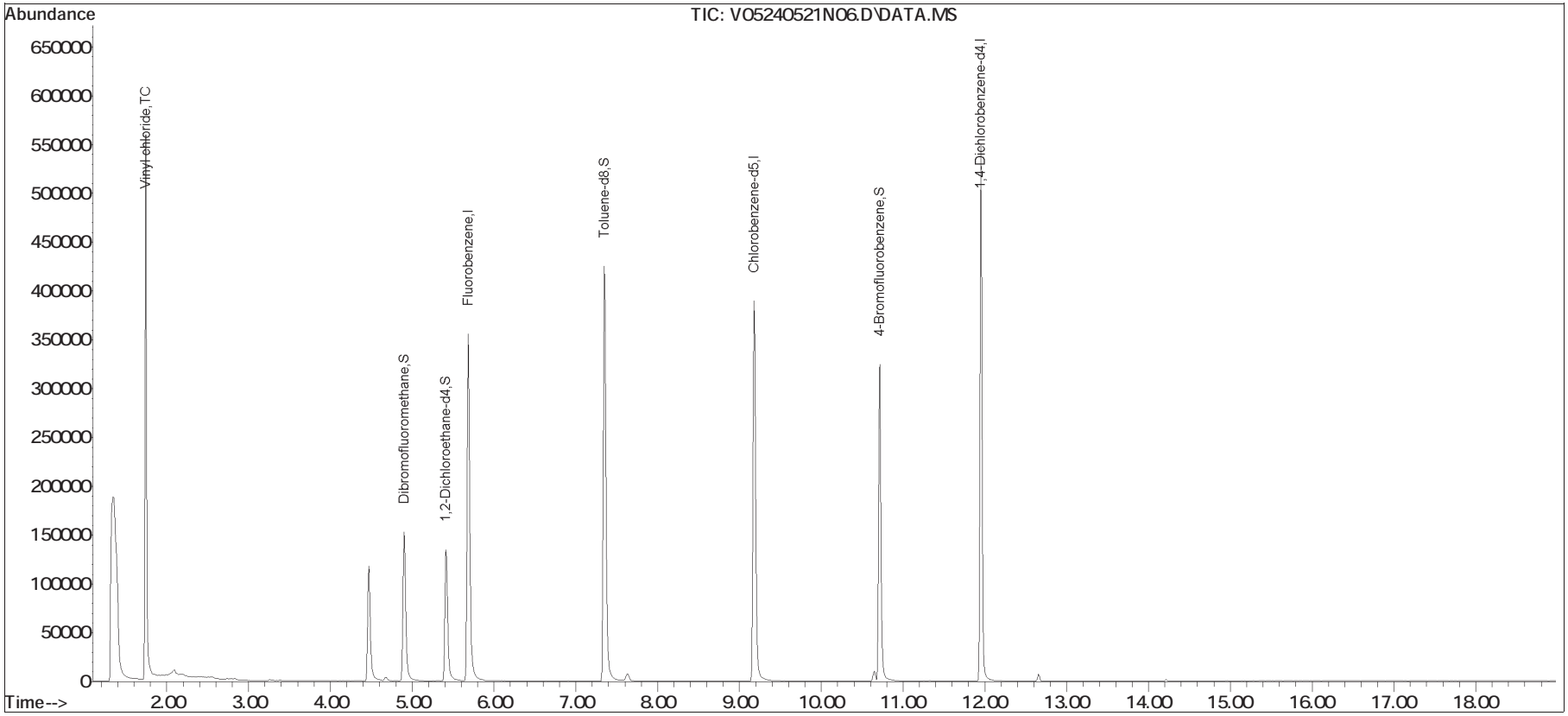
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA105\2024\240521N\
Data File : V05240521N06.D
Acq On : 21 May 2024 9:23 pm
Operator : VOA105:PID
Sample : l2426911-04D,31,1.0,10,,c
Misc : WG1924321,ICAL21016
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 22 08:26:56 2024
Quant Method : K:\VOA105\2024\240521N\V105_240405N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 08 12:09:00 2024
Response via : Initial Calibration

Sub List : 8260-VC - All compounds listed240521N01.D•



Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL21016**
Calibration dates	**: 04/05/24 18:04 04/05/24 22:18**		

Calibration Files

L11 =V05240405N03.D L1 =V05240405N05.D L2 =V05240405N07.D L3 =V05240405N09.D L4 =V05240405N10.D

L6 =V05240405N11.D L8 =V05240405N12.D L10 =V05240405N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.282	0.348	0.354	0.346	0.343	0.331	0.331	0.334	7.32
3)	TP	Chloromethane		0.240	0.251	0.254	0.244	0.230	0.226	0.231	0.239	4.56
4)	TC	Vinyl chloride	0.237	0.221	0.264	0.286	0.282	0.287	0.291	0.291	0.270	9.97
5)	TP	Bromomethane		0.102	0.102	0.112	0.123	0.163	0.184		*Q	0.9997
6)	TP	Chloroethane		0.194	0.233	0.238	0.233	0.218	0.178	0.158	0.207	15.08
7)	TP	Trichlorofluor		0.427	0.554	0.561	0.555	0.549	0.533	0.527	0.529	8.87
8)	TP	Ethyl ether		0.108	0.116	0.118	0.120	0.121	0.119	0.119	0.117	3.57
10)	TC	1,1-Dichloroet		0.218	0.268	0.288	0.278	0.277	0.271	0.275	0.268	8.53
11)	TP	Carbon disulfide		0.738	0.870	0.854	0.857	0.878	0.857	0.858	0.845	5.67
12)	TP	Freon-113		0.260	0.314	0.324	0.315	0.314	0.303	0.301	0.305	6.92
14)	TP	Acrolein			0.017	0.017	0.019	0.019	0.019	0.020	0.019	6.73
15)	TP	Methylene chlo		0.323	0.238	0.224	0.218	0.215	0.215	0.215	0.236	16.76
17)	TP	Acetone			0.051	0.034	0.037	0.037	0.038	0.039	0.039	14.85
18)	TP	trans-1,2-Dich		0.198	0.240	0.234	0.236	0.236	0.235	0.238	0.231	6.43
19)	TP	Methyl acetate			0.069	0.084	0.090	0.095	0.095	0.094	0.088	11.44
20)	TP	Methyl tert butyl ether		0.368	0.418	0.455	0.479	0.492	0.499	0.510	0.460	11.13
21)	TP	tert-Butyl alc		0.007	0.007	0.008	0.009	0.009	0.009	0.010	0.008#	15.75
22)	TP	Diisopropyl ether		0.522	0.541	0.637	0.678	0.697	0.701	0.711	0.641	12.30
23)	TP	1,1-Dichloroet		0.424	0.432	0.438	0.430	0.426	0.424	0.425	0.428	1.20
24)	TP	Halothane		0.158	0.204	0.199	0.197	0.197	0.194	0.196	0.192	8.13
25)	TP	Acrylonitrile			0.039	0.041	0.043	0.044	0.044	0.045	0.043	5.49
26)	TP	Ethyl tert-but		0.381	0.420	0.505	0.550	0.584	0.591	0.616	0.521	17.32
27)	TP	Vinyl acetate			0.203	0.202	0.308	0.309	0.298	0.328	*L	0.9964
28)	TP	cis-1,2-Dichlo		0.221	0.254	0.260	0.265	0.266	0.262	0.264	0.256	6.15
29)	TP	2,2-Dichloropr		0.277	0.334	0.337	0.364	0.371	0.368	0.375	0.347	10.01
30)	TP	Bromochloromet		0.126	0.126	0.124	0.123	0.118	0.116	0.119	0.122	3.21
31)	TP	Cyclohexane		0.267	0.346	0.384	0.387	0.389	0.376	0.387	0.362	12.27
32)	TC	Chloroform		0.384	0.436	0.439	0.432	0.430	0.426	0.432	0.426	4.46
33)	TP	Ethyl acetate		0.086	0.111	0.129	0.138	0.145	0.149	0.153	0.130	18.44
34)	TP	Carbon tetrachloride	0.387	0.354	0.375	0.405	0.394	0.403	0.412	0.413	0.393	5.15
35)	TP	Tetrahydrofuran			0.044	0.040	0.040	0.040	0.040	0.039	0.040	4.45
36)	S	Dibromofluoromethane	0.302	0.307	0.302	0.284	0.282	0.282	0.278	0.275	0.289	4.35
37)	TP	1,1,1-Trichlor		0.296	0.401	0.430	0.428	0.431	0.423	0.429	0.406	12.19
39)	TP	2-Butanone			0.057	0.057	0.060	0.062	0.062	0.065	0.060	5.54
40)	TP	1,1-Dichloropr		0.235	0.299	0.329	0.337	0.339	0.330	0.333	0.314	11.98

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL21016**
Calibration dates	**: 04/05/24 18:04 04/05/24 22:18**		

Calibration Files

L11 =V05240405N03.D L1 =V05240405N05.D L2 =V05240405N07.D L3 =V05240405N09.D L4 =V05240405N10.D

L6 =V05240405N11.D L8 =V05240405N12.D L10 =V05240405N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
41) TP	Benzene	0.844	0.746	0.895	0.919	0.927	0.937	0.923	0.943	0.892	7.45
42) TP	Tertiary-Amyl Methyl Ether		0.329	0.360	0.434	0.478	0.509	0.524	0.547	0.454	18.41
43) S	1,2-Dichloroethane-d4	0.324	0.327	0.327	0.324	0.301	0.316	0.308	0.324	0.319	3.02
44) TP	1,2-Dichloroet		0.315	0.306	0.305	0.302	0.300	0.297	0.302	0.304	1.90
47) TP	Methyl cyclohe		0.261	0.362	0.420	0.432	0.440	0.431	0.449	0.399	16.83
48) TP	Trichloroethene	0.316	0.278	0.294	0.282	0.284	0.283	0.283	0.298	0.290	4.31
50) TP	Dibromomethane		0.136	0.142	0.139	0.140	0.143	0.141	0.144	0.141	2.01
51) TC	1,2-Dichloropr		0.188	0.217	0.225	0.226	0.227	0.228	0.229	0.220	6.61
53) TP	2-Chloroethyl			0.064	0.074	0.088	0.081	0.085	0.089	0.080	11.85
54) TP	Bromodichlorom		0.286	0.326	0.328	0.339	0.338	0.338	0.344	0.328	5.95
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	9.19
58) TP	cis-1,3-Dichlo		0.238	0.284	0.332	0.356	0.369	0.369	0.379	0.332	15.83
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.171	1.197	1.223	1.233	1.208	1.193	1.181	1.132	1.192	2.68
61) TC	Toluene		0.553	0.690	0.726	0.728	0.712	0.718	0.712	0.691	9.04
62) TP	4-Methyl-2-pen			0.041	0.049	0.056	0.057	0.059	0.060	0.054	13.43
63) TP	Tetrachloroethene		0.269	0.380	0.394	0.401	0.394	0.396	0.399	0.376	12.64
65) TP	trans-1,3-Dich		0.285	0.301	0.352	0.386	0.385	0.389	0.383	0.354	12.40
67) TP	Ethyl methacry			0.154	0.210	0.233	0.239	0.243	0.244	0.221	15.86
68) TP	1,1,2-Trichlor		0.160	0.183	0.185	0.190	0.179	0.180	0.178	0.179#	5.17
69) TP	Chlorodibromom		0.232	0.264	0.300	0.308	0.308	0.312	0.312	0.291	10.64
70) TP	1,3-Dichloropr		0.321	0.356	0.371	0.371	0.359	0.357	0.347	0.355	4.83
71) TP	1,2-Dibromoethane		0.170	0.205	0.246	0.252	0.247	0.248	0.243	0.230	13.45
72) TP	2-Hexanone			0.073	0.085	0.104	0.107	0.110	0.108	0.098	15.53
73) TP	Chlorobenzene		0.740	0.829	0.861	0.851	0.837	0.847	0.857	0.832	5.04
74) TC	Ethylbenzene		1.111	1.271	1.460	1.492	1.472	1.485	1.489	1.397	10.64
75) TP	1,1,1,2-Tetrac		0.243	0.279	0.316	0.333	0.331	0.335	0.335	0.310	11.60
76) TP	p/m Xylene		0.388	0.508	0.574	0.579	0.580	0.593	0.622	0.549	14.36
77) TP	o Xylene		0.368	0.467	0.545	0.563	0.562	0.581	0.601	0.527	15.54
78) TP	Styrene		0.535	0.741	0.904	0.937	0.949	0.974	0.968	0.858	19.02
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.243	0.256	0.292	0.316	0.341	0.353	0.366	0.309	15.44
82) TP	Isopropylbenzene		1.595	2.078	2.427	2.515	2.597	2.596	2.670	2.354	16.46
83) S	4-Bromofluorobenzene	0.747	0.741	0.730	0.724	0.704	0.726	0.727	0.727	0.728	1.73
84) TP	Bromobenzene		0.595	0.597	0.619	0.618	0.634	0.643	0.654	0.623	3.59
85) TP	n-Propylbenzene		2.116	2.571	2.904	2.938	3.019	3.027	2.919	2.785	11.93

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL21016**
Calibration dates	**: 04/05/24 18:04 04/05/24 22:18**		

Calibration Files
L11 =V05240405N03.D L1 =V05240405N05.D L2 =V05240405N07.D L3 =V05240405N09.D L4 =V05240405N10.D
L6 =V05240405N11.D L8 =V05240405N12.D L10 =V05240405N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
86) TP	1,4-Dichlorobu		0.396	0.440	0.476	0.496	0.512	0.514	0.519	0.479	9.54
87) TP	1,1,2,2-Tetrac		0.326	0.364	0.380	0.398	0.402	0.404	0.417	0.384	8.05
88) TP	4-Ethyltoluene		1.549	2.126	2.448	2.507	2.575	2.590	2.642	2.348	16.67
89) TP	2-Chlorotoluene		1.211	1.632	1.646	1.648	1.667	1.668	1.711	1.597	10.79
90) TP	1,3,5-Trimethy		1.505	1.906	2.120	2.148	2.202	2.250	2.325	2.065	13.55
91) TP	1,2,3-Trichlor		0.300	0.307	0.318	0.328	0.332	0.339	0.356	0.326	5.92
92) TP	trans-1,4-Dich			0.092	0.114	0.121	0.116	0.121	0.121	0.114	10.04
93) TP	4-Chlorotoluene		1.384	1.488	1.663	1.712	1.746	1.747	1.772	1.645	9.08
94) TP	tert-Butylbenzene		1.263	1.602	1.859	1.908	1.960	1.979	2.009	1.797	15.14
97) TP	1,2,4-Trimethy		1.111	1.673	2.004	2.090	2.146	2.187	2.243	*L	0.9995
98) TP	sec-Butylbenzene		1.751	2.447	2.704	2.788	2.881	2.872	2.763	2.601	15.46
99) TP	p-Isopropyltol		1.282	1.953	2.372	2.482	2.554	2.572	2.542	*L	0.9999
100) TP	1,3-Dichlorobe		0.968	1.160	1.248	1.257	1.267	1.275	1.285	1.209	9.41
101) TP	1,4-Dichlorobe		1.152	1.252	1.248	1.220	1.257	1.258	1.260	1.235	3.17
102) TP	p-Diethylbenzene			1.075	1.335	1.441	1.509	1.535	1.596	1.415	13.36
103) TP	n-Butylbenzene		1.103	1.695	1.932	2.026	2.087	2.108	2.150	1.872	19.86
104) TP	1,2-Dichlorobe		0.941	1.053	1.100	1.117	1.143	1.148	1.154	1.094	6.95
105) TP	1,2,4,5-Tetram			1.276	1.781	1.996	2.199	2.262	2.251	1.961	19.55
106) TP	1,2-Dibromo-3-		0.043	0.053	0.060	0.065	0.070	0.070	0.071	0.062	16.92
107) TP	1,3,5-Trichlor		0.634	0.825	0.893	0.941	0.981	1.003	1.012	0.899	14.91
108) TP	Hexachlorobuta		0.275	0.343	0.371	0.385	0.414	0.414	0.431	0.376	14.28
109) TP	1,2,4-Trichlor		0.495	0.616	0.719	0.759	0.796	0.805	0.813	0.715	16.61
110) TP	Naphthalene		0.745	0.898	1.200	1.312	1.345	1.353	1.353	*L	0.9996
111) TP	1,2,3-Trichlor		0.413	0.527	0.597	0.613	0.618	0.630	0.633	0.576	13.92

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL21111**
Calibration dates	**: 05/09/24 17:50 05/09/24 21:24**		

Calibration Files

L11 =VG240509A03.D L1 =VG240509A05.D L2 =VG240509A07.D L3 =VG240509A08.D L4 =VG240509A09.D

L6 =VG240509A10.D L8 =VG240509A11.D L10 =VG240509A12.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo			0.192	0.259	0.271	0.280	0.264	0.257	0.254	12.37
3)	TP	Chloromethane		0.245	0.251	0.250	0.248	0.250	0.257	0.251	0.250	1.44
4)	TC	Vinyl chloride	0.243	0.155	0.229	0.268	0.263	0.276	0.291	0.291	0.252	17.79
5)	TP	Bromomethane		0.322	0.251	0.207	0.190	0.190	0.209	0.215	*L	0.9974
6)	TP	Chloroethane		0.157	0.215	0.196	0.192	0.156	0.130		0.174	18.13
7)	TP	Trichlorofluor			0.262	0.338	0.352	0.377	0.382	0.380	0.349	13.22
8)	TP	Ethyl ether		0.088	0.098	0.094	0.092	0.096	0.103	0.106	0.097	6.50
10)	TC	1,1-Dichloroet		0.110	0.154	0.177	0.183	0.197	0.206	0.210	0.177	19.92
11)	TP	Carbon disulfide		0.445	0.490	0.539	0.555	0.593	0.637	0.661	0.560	13.79
12)	TP	Freon-113			0.137	0.190	0.209	0.225	0.220	0.225	0.201	16.94
13)	TP	Iodomethane		0.213	0.199	0.206	0.247	0.276	0.292	0.292	0.246	16.63
14)	TP	Acrolein		0.024	0.024	0.030	0.031	0.032	0.033	0.034	0.030	13.61
15)	TP	Methylene chlo		0.207	0.220	0.204	0.208	0.210	0.226	0.230	0.215	4.78
17)	TP	Acetone		0.075	0.056	0.050	0.049	0.050	0.054	0.054	0.055	16.38
18)	TP	trans-1,2-Dich		0.159	0.188	0.191	0.199	0.207	0.224	0.230	0.200	11.86
19)	TP	Methyl acetate		0.150	0.110	0.099	0.104	0.107	0.114	0.119	0.115	14.78
20)	TP	Methyl tert butyl ether		0.422	0.467	0.490	0.518	0.546	0.598	0.617	0.523	13.39
21)	TP	tert-Butyl alc		0.015	0.014	0.015	0.015	0.017	0.019	0.019	0.016	12.46
22)	TP	Diisopropyl ether		0.537	0.615	0.655	0.703	0.739	0.813	0.837	0.700	15.31
23)	TP	1,1-Dichloroet		0.296	0.392	0.387	0.399	0.417	0.448	0.443	0.398	12.77
24)	TP	Halothane		0.108	0.143	0.157	0.163	0.173	0.181	0.185	0.158	16.75
25)	TP	Acrylonitrile		0.034	0.052	0.053	0.055	0.058	0.062	0.064	0.054	18.02
26)	TP	Ethyl tert-but		0.509	0.565	0.598	0.647	0.700	0.776	0.815	0.658	16.95
27)	TP	Vinyl acetate		0.249	0.255	0.260	0.265	0.258	0.263	0.271	0.260	2.80
28)	TP	cis-1,2-Dichlo		0.221	0.217	0.214	0.225	0.234	0.254	0.261	0.232	7.96
29)	TP	2,2-Dichloropr		0.210	0.258	0.284	0.306	0.329	0.340	0.339	0.295	16.35
30)	TP	Bromochloromet		0.084	0.105	0.102	0.103	0.106	0.114	0.119	0.105	10.47
31)	TP	Cyclohexane			0.254	0.336	0.402	0.448	0.431	0.450	*L	0.9988
32)	TC	Chloroform		0.322	0.359	0.367	0.387	0.397	0.421	0.434	0.384	9.97
33)	TP	Ethyl acetate		0.139	0.136	0.159	0.171	0.177	0.186	0.187	0.165	12.71
34)	TP	Carbon tetrachloride	0.248	0.181	0.308	0.297	0.322	0.343	0.348	0.345	0.299	19.40
35)	TP	Tetrahydrofuran		0.049	0.050	0.052	0.046	0.048	0.051	0.050	0.049	3.40
36)	S	Dibromofluoromethane	0.254	0.256	0.255	0.252	0.259	0.255	0.255	0.263	0.256	1.38
37)	TP	1,1,1-Trichlor		0.203	0.300	0.331	0.349	0.367	0.376	0.376	0.329	18.80
39)	TP	2-Butanone			0.045	0.077	0.076	0.077	0.084	0.081	0.073	19.61

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL21111**
Calibration dates	**: 05/09/24 17:50 05/09/24 21:24**		

Calibration Files

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L6 =VG240509A10.D L8 =VG240509A11.D L10 =VG240509A12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.174	0.228	0.268	0.287	0.310	0.313	0.313	0.270	19.48
41) TP	Benzene	0.740	0.648	0.782	0.832	0.865	0.904	0.978	1.017	0.846	14.48
42) TP	Tertiary-Amyl Methyl Ether		0.405	0.445	0.492	0.538	0.586	0.645	0.682	0.542	18.89
43) S	1,2-Dichloroethane-d4	0.288	0.297	0.300	0.312	0.306	0.315	0.311	0.329	0.307	4.01
44) TP	1,2-Dichloroet		0.281	0.293	0.289	0.301	0.307	0.329	0.334	0.305	6.64
47) TP	Methyl cyclohe			0.219	0.264	0.342	0.387	0.360	0.389	*L	0.9975
48) TP	Trichloroethene	0.251	0.208	0.230	0.235	0.247	0.266	0.291	0.304	0.254	12.61
50) TP	Dibromomethane		0.120	0.127	0.120	0.124	0.127	0.136	0.137	0.127	5.54
51) TC	1,2-Dichloropr		0.182	0.217	0.215	0.222	0.228	0.242		0.218	9.25
53) TP	2-Chloroethyl		0.074	0.092	0.098	0.111	0.119	0.129	0.131	0.108	19.59
54) TP	Bromodichlorom		0.259	0.290	0.284	0.293	0.304	0.325	0.334	0.298#	8.45
57) TP	1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	6.07
58) TP	cis-1,3-Dichlo		0.262	0.297	0.303	0.326	0.346	0.376	0.389	0.328	13.76
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.251	1.272	1.253	1.276	1.254	1.206	1.194	1.138	1.230	3.86
61) TC	Toluene		0.533	0.654	0.666	0.681	0.706	0.767	0.751	0.680	11.39
62) TP	4-Methyl-2-pen		0.059	0.065	0.071	0.078	0.081	0.090	0.089	0.076	15.50
63) TP	Tetrachloroethene		0.191	0.240	0.258	0.282	0.289	0.301	0.294	0.265	14.77
65) TP	trans-1,3-Dich		0.306	0.336	0.354	0.371	0.383	0.415	0.411	0.368	10.74
67) TP	Ethyl methacry			0.180	0.233	0.260	0.280	0.314	0.313	0.263	19.49
68) TP	1,1,2-Trichlor		0.187	0.188	0.177	0.185	0.187	0.206	0.205	0.191#	5.67
69) TP	Chlorodibromom		0.238	0.280	0.271	0.284	0.293	0.314	0.304	0.283	8.72
70) TP	1,3-Dichloropr		0.348	0.371	0.360	0.367	0.371	0.394	0.375	0.369	3.80
71) TP	1,2-Dibromoethane		0.195	0.220	0.217	0.220	0.219	0.234	0.221	0.218	5.32
72) TP	2-Hexanone		0.085	0.108	0.119	0.136	0.144	0.154	0.143	0.127	19.29
73) TP	Chlorobenzene		0.585	0.742	0.737	0.754	0.794	0.889	0.873	0.768	13.22
74) TC	Ethylbenzene		0.978	1.110	1.216	1.339	1.456	1.604	1.564	1.324	17.75
75) TP	1,1,1,2-Tetrac		0.220	0.259	0.265	0.280	0.292	0.316	0.315	0.278	12.23
76) TP	p/m Xylene		0.339	0.440	0.478	0.535	0.597	0.654	0.641	*Q	0.9982
77) TP	o Xylene		0.348	0.427	0.470	0.527	0.595	0.644	0.621	*Q	0.9978
78) TP	Styrene		0.512	0.691	0.805	0.961	1.083	1.167		*Q	0.9997
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.298	0.300	0.297	0.322	0.346	0.370	0.351	0.326	9.05
82) TP	Isopropylbenzene		1.383	1.812	1.970	2.243	2.465	2.601	2.461	*L	0.9979
83) S	4-Bromofluorobenzene	0.843	0.832	0.849	0.813	0.801	0.763	0.778	0.755	0.804	4.52
84) TP	Bromobenzene		0.567	0.604	0.559	0.559	0.571	0.627	0.608	0.585	4.71

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL21111**
Calibration dates	**: 05/09/24 17:50 05/09/24 21:24**		

Calibration Files
L11 =VG240509A03.D L1 =VG240509A05.D L2 =VG240509A07.D L3 =VG240509A08.D L4 =VG240509A09.D
L6 =VG240509A10.D L8 =VG240509A11.D L10 =VG240509A12.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		1.759	2.218	2.325	2.640	2.880	3.023		2.474	18.90
86) TP	1,4-Dichlorobu		0.567	0.693	0.679	0.700	0.724	0.768	0.726	0.694	9.07
87) TP	1,1,2,2-Tetrac		0.465	0.422	0.440	0.431	0.424	0.452	0.443	0.440	3.48
88) TP	4-Ethyltoluene			1.780	1.966	2.169	2.358	2.542	2.393	2.201	13.02
89) TP	2-Chlorotoluene		1.153	1.469	1.517	1.625	1.698	1.830	1.748	1.577	14.30
90) TP	1,3,5-Trimethy		1.299	1.694	1.788	1.991	2.103	2.258	2.156	1.898	17.47
91) TP	1,2,3-Trichlor		0.397	0.392	0.397	0.421	0.430	0.460	0.432	0.418	5.97
92) TP	trans-1,4-Dich		0.131	0.130	0.140	0.150	0.150	0.159	0.153	0.145	7.78
93) TP	4-Chlorotoluene		1.333	1.570	1.604	1.675	1.746	1.896	1.827	1.664	11.21
94) TP	tert-Butylbenzene		0.967	1.262	1.368	1.566	1.699	1.805	1.722	*Q	0.9983
97) TP	1,2,4-Trimethy		1.222	1.611	1.737	1.944	2.071	2.235	2.134	1.851	19.12
98) TP	sec-Butylbenzene		1.286	1.706	1.893	2.274	2.528	2.580		*Q	0.9991
99) TP	p-Isopropyltol		1.012	1.491	1.684	2.025	2.218	2.306		*Q	0.9994
100) TP	1,3-Dichlorobe		0.921	1.049	1.053	1.104	1.155	1.248	1.215	1.106	10.09
101) TP	1,4-Dichlorobe		1.050	1.136	1.083	1.112	1.146	1.258	1.224	1.144	6.48
102) TP	p-Diethylbenzene			0.878	0.954	1.117	1.248	1.330		1.105	17.25
103) TP	n-Butylbenzene		0.892	1.213	1.355	1.626	1.765	1.813	1.719	*Q	0.9982
104) TP	1,2-Dichlorobe		0.899	0.998	1.005	1.019	1.063	1.151	1.138	1.039	8.43
105) TP	1,2,4,5-Tetram			1.150	1.345	1.493	1.707	1.921	1.882	1.583	19.39
106) TP	1,2-Dibromo-3-		0.076	0.077	0.077	0.073	0.077	0.087	0.085	0.079	6.35
107) TP	1,3,5-Trichlor		0.493	0.635	0.609	0.637	0.676	0.755	0.733	0.648	13.43
108) TP	Hexachlorobuta		0.153	0.162	0.157	0.186	0.191	0.202	0.195	0.178	11.29
109) TP	1,2,4-Trichlor		0.497	0.512	0.522	0.524	0.542	0.613	0.604	0.545	8.40
110) TP	Naphthalene		0.942	0.963	1.116	1.111	1.161	1.339	1.298	1.133	13.32
111) TP	1,2,3-Trichlor		0.431	0.434	0.435	0.431	0.441	0.492	0.471	0.448	5.36

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: GONZO		Calibration Date	: 05/20/24 06:38	
Lab File ID	: VG240520A01		Init. Calib. Date(s)	: 05/09/24	05/09/24
Sample No	: WG1924094-2		Init. Calib. Times	: 17:50	21:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	106	0
Dichlorodifluoromethane	0.254	0.246	-	3.1	20	100	0
Chloromethane	0.25	0.286	-	-14.4	20	121	0
Vinyl chloride	0.252	0.268	-	-6.3	20	106	0
Bromomethane	10	7.703	-	23*	20	84	0
Chloroethane	0.174	0.201	-	-15.5	20	108	0
Trichlorofluoromethane	0.349	0.308	-	11.7	20	96	0
Ethyl ether	0.097	0.087	-	10.3	20	97	0
1,1-Dichloroethene	0.177	0.172	-	2.8	20	102	0
Carbon disulfide	0.56	0.585	-	-4.5	20	115	0
Freon-113	0.201	0.197	-	2	20	110	0
Acrolein	0.03	0.03	-	0	20	105	0
Methylene chloride	0.215	0.213	-	0.9	20	110	0
Acetone	0.055	0.045	-	18.2	20	95	0
trans-1,2-Dichloroethene	0.2	0.195	-	2.5	20	108	0
Methyl acetate	0.115	0.105	-	8.7	20	112	0
Methyl tert-butyl ether	0.523	0.46	-	12	20	99	0
tert-Butyl alcohol	0.016	0.014	-	12.5	20	98	0
Diisopropyl ether	0.7	0.719	-	-2.7	20	116	0
1,1-Dichloroethane	0.398	0.423	-	-6.3	20	115	0
Halothane	0.158	0.155	-	1.9	20	105	0
Acrylonitrile	0.054	0.053	-	1.9	20	106	0
Ethyl tert-butyl ether	0.658	0.612	-	7	20	108	0
Vinyl acetate	0.26	0.434	-	-66.9*	20	176	0
cis-1,2-Dichloroethene	0.232	0.219	-	5.6	20	108	0
2,2-Dichloropropane	0.295	0.325	-	-10.2	20	121	0
Bromochloromethane	0.105	0.098*	-	6.7	20	102	0
Cyclohexane	10	10.11	-	-1.1	20	125	0
Chloroform	0.384	0.375	-	2.3	20	108	0
Ethyl acetate	0.165	0.17	-	-3	20	113	0
Carbon tetrachloride	0.299	0.301	-	-0.7	20	107	0
Tetrahydrofuran	0.049	0.052	-	-6.1	20	106	0
Dibromofluoromethane	0.256	0.253	-	1.2	20	106	0
1,1,1-Trichloroethane	0.329	0.345	-	-4.9	20	110	0
2-Butanone	0.073	0.069	-	5.5	20	95	0
1,1-Dichloropropene	0.27	0.278	-	-3	20	109	0
Benzene	0.846	0.868	-	-2.6	20	110	0
tert-Amyl methyl ether	0.542	0.468	-	13.7	20	100	0
1,2-Dichloroethane-d4	0.307	0.318	-	-3.6	20	108	0
1,2-Dichloroethane	0.305	0.304	-	0.3	20	111	0
Methyl cyclohexane	10	9.725	-	2.8	20	128	0
Trichloroethene	0.254	0.225	-	11.4	20	101	0
Dibromomethane	0.127	0.118	-	7.1	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: GONZO		Calibration Date	: 05/20/24 06:38	
Lab File ID	: VG240520A01		Init. Calib. Date(s)	: 05/09/24	05/09/24
Sample No	: WG1924094-2		Init. Calib. Times	: 17:50	21:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.218	0.227	-	-4.1	20	111	0
Bromodichloromethane	0.298	0.287*	-	3.7	20	107	0
1,4-Dioxane	0.00188	0.0015*	-	20.2*	20	92	0
cis-1,3-Dichloropropene	0.328	0.312	-	4.9	20	109	0
Chlorobenzene-d5	1	1	-	0	20	101	0
Toluene-d8	1.23	1.3	-	-5.7	20	102	0
Toluene	0.68	0.701	-	-3.1	20	106	0
4-Methyl-2-pentanone	0.076	0.07	-	7.9	20	99	0
Tetrachloroethene	0.265	0.281	-	-6	20	110	0
trans-1,3-Dichloropropene	0.368	0.362	-	1.6	20	103	0
Ethyl methacrylate	0.263	0.225	-	14.4	20	97	0
1,1,2-Trichloroethane	0.191	0.187*	-	2.1	20	106	0
Chlorodibromomethane	0.283	0.278	-	1.8	20	103	0
1,3-Dichloropropane	0.369	0.376	-	-1.9	20	105	0
1,2-Dibromoethane	0.218	0.216	-	0.9	20	100	0
2-Hexanone	0.127	0.12	-	5.5	20	101	0
Chlorobenzene	0.768	0.766	-	0.3	20	104	0
Ethylbenzene	1.324	1.315	-	0.7	20	109	0
1,1,1,2-Tetrachloroethane	0.278	0.276	-	0.7	20	105	0
p/m Xylene	20	18.823	-	5.9	20	109	0
o Xylene	20	18.112	-	9.4	20	107	0
Styrene	20	19.408	-	3	20	106	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
Bromoform	0.326	0.286	-	12.3	20	93	0
Isopropylbenzene	10	9.627	-	3.7	20	114	0
4-Bromofluorobenzene	0.804	0.843	-	-4.9	20	101	0
Bromobenzene	0.585	0.587	-	-0.3	20	102	0
n-Propylbenzene	2.474	2.806	-	-13.4	20	117	0
1,4-Dichlorobutane	0.694	0.742	-	-6.9	20	106	0
1,1,2,2-Tetrachloroethane	0.44	0.509	-	-15.7	20	112	0
4-Ethyltoluene	2.201	2.273	-	-3.3	20	113	0
2-Chlorotoluene	1.577	1.728	-	-9.6	20	111	0
1,3,5-Trimethylbenzene	1.898	2.035	-	-7.2	20	111	0
1,2,3-Trichloropropane	0.418	0.409	-	2.2	20	100	0
trans-1,4-Dichloro-2-buten	0.145	0.134	-	7.6	20	93	0
4-Chlorotoluene	1.664	1.767	-	-6.2	20	107	0
tert-Butylbenzene	10	10.027	-	-0.3	20	115	0
1,2,4-Trimethylbenzene	1.851	1.947	-	-5.2	20	109	0
sec-Butylbenzene	10	10.978	-	-9.8	20	121	0
p-Isopropyltoluene	10	10.727	-	-7.3	20	117	0
1,3-Dichlorobenzene	1.106	1.136	-	-2.7	20	105	0
1,4-Dichlorobenzene	1.144	1.158	-	-1.2	20	104	0
p-Diethylbenzene	1.105	1.118	-	-1.2	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: GONZO	**Calibration Date**	: 05/20/24 06:38
Lab File ID	: VG240520A01	**Init. Calib. Date(s)**	: 05/09/24 05/09/24
Sample No	: WG1924094-2	**Init. Calib. Times**	: 17:50 21:24
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	10	10.092	-	-0.9	20	121	0
1,2-Dichlorobenzene	1.039	1.06	-	-2	20	103	0
1,2,4,5-Tetramethylbenzene	1.583	1.403	-	11.4	20	102	0
1,2-Dibromo-3-chloropropan	0.079	0.071	-	10.1	20	90	0
1,3,5-Trichlorobenzene	0.648	0.671	-	-3.5	20	107	0
Hexachlorobutadiene	0.178	0.198	-	-11.2	20	123	0
1,2,4-Trichlorobenzene	0.545	0.524	-	3.9	20	98	0
Naphthalene	1.133	0.914	-	19.3	20	80	0
1,2,3-Trichlorobenzene	0.448	0.416	-	7.1	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies		**Lab Number**	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		**Project Number**	: 060017.000.0005000	
Instrument ID	: VOA105		**Calibration Date**	: 05/21/24 19:16	
Lab File ID	: V05240521N01		**Init. Calib. Date(s)**	: 04/05/24	04/05/24
Sample No	: WG1924321-2		**Init. Calib. Times**	: 18:04	22:18
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	111	0
Vinyl chloride	0.27	0.289	-	-7	20	112	0
Dibromofluoromethane	0.289	0.269	-	6.9	20	105	0
1,2-Dichloroethane-d4	0.319	0.294	-	7.8	20	101	0
Chlorobenzene-d5	1	1	-	0	20	108	0
Toluene-d8	1.192	1.253	-	-5.1	20	110	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
4-Bromofluorobenzene	0.728	0.769	-	-5.6	20	107	0

* Value outside of QC limits.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1922957-2 **Analysis Date** : 05/19/24 21:41	**File ID**	: 922957-2
LCSD Sample ID	: WG1922957-3 **Analysis Date** : 05/19/24 22:05	**File ID**	: 922957-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	18	11.	62	18	8.9	49	23	40-140	30
3,3'-Dichlorobenzidine	18	14.	75	18	11.	58	26	40-140	30
2,4-Dinitrotoluene	18	17.	92	18	13.	73	23	48-143	30
2,6-Dinitrotoluene	18	16.	91	18	13.	73	22	40-140	30
4-Chlorophenyl phenyl ether	18	14.	79	18	11.	63	23	40-140	30
4-Bromophenyl phenyl ether	18	16.	89	18	13.	72	21	40-140	30
Bis(2-chloroisopropyl)ether	18	9.6	53	18	7.7	42	23	40-140	30
Bis(2-chloroethoxy)methane	18	12.	66	18	10.	55	18	40-140	30
Hexachlorocyclopentadiene	18	13.	74	18	11.	60	21	40-140	30
Isophorone	18	13.	70	18	11.	58	19	40-140	30
Nitrobenzene	18	12.	69	18	9.9	55	23	40-140	30
NDPA/DPA	18	16.	86	18	12.	68	23	40-140	30
n-Nitrosodi-n-propylamine	18	13.	71	18	10.	55	25	29-132	30
Bis(2-ethylhexyl)phthalate	18	15.	81	18	13.	72	12	40-140	30
Butyl benzyl phthalate	18	16.	89	18	14.	77	14	40-140	30
Di-n-butylphthalate	18	16.	88	18	13.	73	19	40-140	30
Di-n-octylphthalate	18	15.	83	18	14.	74	11	40-140	30
Diethyl phthalate	18	16.	88	18	13.	69	24	40-140	30
Dimethyl phthalate	18	15.	85	18	12.	69	21	40-140	30
Biphenyl	18	13.	71	18	11.	60	17	40-140	30
4-Chloroaniline	18	13.	70	18	9.4	52	30	40-140	30
2-Nitroaniline	18	17.	92	18	14.	75	20	52-143	30
3-Nitroaniline	18	15.	84	18	11.	60	33 Q	25-145	30
4-Nitroaniline	18	16.	90	18	12.	65	32 Q	51-143	30
Dibenzofuran	18	14.	75	18	11.	60	22	40-140	30
1,2,4,5-Tetrachlorobenzene	18	13.	72	18	11.	61	17	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1922957-2 **Analysis Date** : 05/19/24 21:41	**File ID**	: 922957-2
LCSD Sample ID	: WG1922957-3 **Analysis Date** : 05/19/24 22:05	**File ID**	: 922957-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	18	12.	64		18	9.9	55	15	39-129	30
2,4,6-Trichlorophenol	18	15.	83		18	12.	66	23	30-130	30
p-Chloro-m-cresol	18	15.	80		18	12.	68	16	23-97	30
2-Chlorophenol	18	12.	67		18	9.7	54	21	27-123	30
2,4-Dichlorophenol	18	14.	74		18	11.	62	18	30-130	30
2,4-Dimethylphenol	18	14.	74		18	12.	66	11	30-130	30
2-Nitrophenol	18	14.	79		18	11.	60	27	30-130	30
4-Nitrophenol	18	17.	91	Q	18	12.	68	29	10-80	30
2,4-Dinitrophenol	18	16.	90		18	10.	57	45 Q	20-130	30
4,6-Dinitro-o-cresol	18	19.	107		18	15.	80	29	20-164	30
Phenol	18	8.3	46		18	7.0	39	16	12-110	30
2-Methylphenol	18	12.	64		18	9.8	54	17	30-130	30
3-Methylphenol/4-Methylphenol	18	12.	65		18	9.9	54	18	30-130	30
2,4,5-Trichlorophenol	18	15.	84		18	12.	67	23	30-130	30
Carbazole	18	15.	81		18	12.	69	16	55-144	30
Atrazine	18	18.	98		18	14.	80	20	40-140	30
Benzaldehyde	18	22.	123		18	19.	103	18	40-140	30
Caprolactam	18	6.5	36		18	4.3	24	40 Q	10-130	30
2,3,4,6-Tetrachlorophenol	18	17.	92		18	13.	72	24	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1923710-2 **Analysis Date** : 05/21/24 23:24	**File ID**	: 923710-2
LCSD Sample ID	: WG1923710-3 **Analysis Date** : 05/21/24 23:48	**File ID**	: 923710-3

	Laboratory Control Sample			Laboratory Control Duplicate						
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD		Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	18	9.9	54	18	8.3	46	16		40-140	30
3,3'-Dichlorobenzidine	18	13.	70	18	9.4	51	31	Q	40-140	30
2,4-Dinitrotoluene	18	16.	87	18	11.	62	34	Q	48-143	30
2,6-Dinitrotoluene	18	17.	92	18	12.	64	36	Q	40-140	30
4-Chlorophenyl phenyl ether	18	14.	78	18	10.	55	35	Q	40-140	30
4-Bromophenyl phenyl ether	18	15.	85	18	11.	60	34	Q	40-140	30
Bis(2-chloroisopropyl)ether	18	8.7	48	18	7.5	41	16		40-140	30
Bis(2-chloroethoxy)methane	18	12.	64	18	9.6	53	19		40-140	30
Hexachlorocyclopentadiene	18	12.	64	18	9.9	54	17		40-140	30
Isophorone	18	12.	65	18	9.6	53	20		40-140	30
Nitrobenzene	18	11.	63	18	9.3	51	21		40-140	30
NDPA/DPA	18	15.	84	18	11.	58	37	Q	40-140	30
n-Nitrosodi-n-propylamine	18	11.	63	18	9.3	51	21		29-132	30
Bis(2-ethylhexyl)phthalate	18	15.	85	18	11.	58	38	Q	40-140	30
Butyl benzyl phthalate	18	16.	88	18	12.	64	32	Q	40-140	30
Di-n-butylphthalate	18	16.	88	18	11.	60	38	Q	40-140	30
Di-n-octylphthalate	18	16.	87	18	11.	61	35	Q	40-140	30
Diethyl phthalate	18	16.	88	18	11.	59	39	Q	40-140	30
Dimethyl phthalate	18	16.	87	18	11.	60	37	Q	40-140	30
Biphenyl	18	13.	74	18	9.8	54	31	Q	40-140	30
4-Chloroaniline	18	13.	70	18	9.9	54	26		40-140	30
2-Nitroaniline	18	17.	93	18	12.	64	37	Q	52-143	30
3-Nitroaniline	18	15.	80	18	10.	58	32	Q	25-145	30
4-Nitroaniline	18	15.	82	18	9.9	55	39	Q	51-143	30
Dibenzofuran	18	14.	75	18	9.8	54	33	Q	40-140	30
1,2,4,5-Tetrachlorobenzene	18	13.	70	18	9.9	54	26		2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1923710-2 **Analysis Date** : 05/21/24 23:24	**File ID**	: 923710-2
LCSD Sample ID	: WG1923710-3 **Analysis Date** : 05/21/24 23:48	**File ID**	: 923710-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	18	11.	61		18	8.9	49	22	39-129	30
2,4,6-Trichlorophenol	18	15.	82		18	10.	58	34 Q	30-130	30
p-Chloro-m-cresol	18	16.	86		18	11.	60	36 Q	23-97	30
2-Chlorophenol	18	11.	61		18	9.6	53	14	27-123	30
2,4-Dichlorophenol	18	13.	74		18	10.	57	26	30-130	30
2,4-Dimethylphenol	18	14.	77		18	10.	57	30	30-130	30
2-Nitrophenol	18	13.	72		18	11.	61	17	30-130	30
4-Nitrophenol	18	16.	91	Q	18	12.	65	33 Q	10-80	30
2,4-Dinitrophenol	18	17.	92		18	12.	66	33 Q	20-130	30
4,6-Dinitro-o-cresol	18	18.	102		18	14.	74	32 Q	20-164	30
Phenol	18	9.4	52		18	7.3	40	26	12-110	30
2-Methylphenol	18	12.	67		18	9.5	52	25	30-130	30
3-Methylphenol/4-Methylphenol	18	12.	68		18	9.5	52	27	30-130	30
2,4,5-Trichlorophenol	18	16.	86		18	11.	62	32 Q	30-130	30
Carbazole	18	15.	81		18	10.	57	35 Q	55-144	30
Atrazine	18	16.	88		18	11.	60	38 Q	40-140	30
Benzaldehyde	18	21.	116		18	18.	100	15	40-140	30
Caprolactam	18	7.9	43		18	5.0	28	42 Q	10-130	30
2,3,4,6-Tetrachlorophenol	18	16.	91		18	11.	62	38 Q	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2426911-06	Analysis Date	: 05/22/24 07:23
Matrix Spike	: WG1923710-4	MS Analysis Date	: 05/22/24 01:23
Matrix Spike Dup	: WG1923710-5	MSD Analysis Date	: 05/22/24 01:47

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	18.2	10.	55		18.2	8.2	45		20	40-140	30
3,3'-Dichlorobenzidine	ND	18.2	3.4J	19	Q	18.2	3.1J	17	Q	9	40-140	30
2,4-Dinitrotoluene	ND	18.2	14.	77		18.2	10.	55		33 Q	48-143	30
2,6-Dinitrotoluene	ND	18.2	14.	77		18.2	11.	61		24	40-140	30
4-Chlorophenyl phenyl ether	ND	18.2	12.	66		18.2	9.5	52		23	40-140	30
4-Bromophenyl phenyl ether	ND	18.2	13.	72		18.2	10.	55		26	40-140	30
Bis(2-chloroisopropyl)ether	ND	18.2	8.7	48		18.2	7.5	41		15	40-140	30
Bis(2-chloroethoxy)methane	ND	18.2	11.	61		18.2	9.1	50		19	40-140	30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		18.2	10.J	55		26	40-140	30
Isophorone	ND	18.2	11.	61		18.2	9.1	50		19	40-140	30
Nitrobenzene	ND	18.2	11.	61		18.2	9.4	52		16	40-140	30
NDPA/DPA	ND	18.2	9.8	54		18.2	9.2	51		6	40-140	30
n-Nitrosodi-n-propylamine	ND	18.2	11.	61		18.2	9.1	50		19	29-132	30
Bis(2-ethylhexyl)phthalate	ND	18.2	13.	72		18.2	10.	55		26	40-140	30
Butyl benzyl phthalate	ND	18.2	14.	77		18.2	11.	61		24	40-140	30
Di-n-butylphthalate	ND	18.2	14.	77		18.2	11.	61		24	40-140	30
Di-n-octylphthalate	ND	18.2	14.	77		18.2	11.	61		24	40-140	30
Diethyl phthalate	ND	18.2	14.	77		18.2	10.	55		33 Q	40-140	30
Dimethyl phthalate	ND	18.2	13.	72		18.2	10.	55		26	40-140	30
Biphenyl	ND	18.2	12.	66		18.2	9.4	52		24	40-140	30
4-Chloroaniline	ND	18.2	10.	55		18.2	8.2	45		20	40-140	30
2-Nitroaniline	ND	18.2	15.	83		18.2	11.	61		31 Q	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2426911-06	**Analysis Date**	: 05/22/24 07:23
Matrix Spike	: WG1923710-4	**MS Analysis Date**	: 05/22/24 01:23
Matrix Spike Dup	: WG1923710-5	**MSD Analysis Date**	: 05/22/24 01:47

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**		**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**		**RPD**	**Recovery Limits**	**RPD Limit**
3-Nitroaniline	ND	18.2	12.	66		18.2	9.3	51		25	25-145	30
4-Nitroaniline	ND	18.2	12.	66		18.2	9.7	53		21	51-143	30
Dibenzofuran	ND	18.2	12.	66		18.2	9.4	52		24	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	18.2	12.	66		18.2	9.2J	51		26	2-134	30
Acetophenone	ND	18.2	11.	61		18.2	8.4	46		27	39-129	30
2,4,6-Trichlorophenol	ND	18.2	13.	72		18.2	10.	55		26	30-130	30
p-Chloro-m-cresol	ND	18.2	14.	77		18.2	10.	55		33 Q	23-97	30
2-Chlorophenol	ND	18.2	11.	61		18.2	8.9	49		21	27-123	30
2,4-Dichlorophenol	ND	18.2	13.	72		18.2	10.	55		26	30-130	30
2,4-Dimethylphenol	ND	18.2	8.9	49		18.2	7.7	42		14	30-130	30
2-Nitrophenol	ND	18.2	13.	72		18.2	10.	55		26	30-130	30
4-Nitrophenol	ND	18.2	16.	88	Q	18.2	12.	66		29	10-80	30
2,4-Dinitrophenol	ND	18.2	17.J	94		18.2	14.J	77		19	20-130	30
4,6-Dinitro-o-cresol	ND	18.2	17.	94		18.2	13.	72		27	20-164	30
Phenol	ND	18.2	9.3	51		18.2	6.7	37		33 Q	12-110	30
2-Methylphenol	ND	18.2	11.	61		18.2	9.1	50		19	30-130	30
3-Methylphenol/4-Methylphenol	ND	18.2	11.	61		18.2	9.1	50		19	30-130	30
2,4,5-Trichlorophenol	ND	18.2	14.	77		18.2	11.	61		24	30-130	30
Carbazole	ND	18.2	13.	72		18.2	9.6	53	Q	30	55-144	30
Atrazine	ND	18.2	14.	77		18.2	10.	55		33 Q	40-140	30
Benzaldehyde	ND	18.2	22.	120		18.2	18.	99		20	40-140	30
Caprolactam	ND	18.2	8.1J	45		18.2	6.1J	34		28	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2426911-06	**Analysis Date**	: 05/22/24 07:23
Matrix Spike	: WG1923710-4	**MS Analysis Date**	: 05/22/24 01:23
Matrix Spike Dup	: WG1923710-5	**MSD Analysis Date**	: 05/22/24 01:47

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	18.2	15.	83	18.2	11.	61	31 Q	40-140	30

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: CHA Companies
Project Name: FRIEDRICHSOHN 2024

Lab Number: L2426911
Project Number: 060017.000.0005000
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-100-20240514 (L2426911-01)	51	43	65	61	77	75	0
MW-101B-20240514 (L2426911-02)	49	39	75	72	71	77	0
MW-102-20240514 (L2426911-03)	52	45	69	72	66	83	0
MW-102B-20240514 (L2426911-04)	45	40	74	72	58	85	0
MW-103-20240515 (L2426911-05)	58	46	73	67	89	75	0
MW-103B-20240515 (L2426911-06)	41	34	48	45	48	46	0
MW-104-20240515 (L2426911-07)	53	45	66	63	79	67	0
MW-2-20240514 (L2426911-08)	42	38	75	76	60	79	0
MW-2S-20240514 (L2426911-09)	24	39	76	72	19	83	0
CHA-1-20240515 (L2426911-12)	49	41	59	62	87	73	0
WC-1-20240515 (L2426911-13)	48	41	63	68	80	67	0
WG1922957-1BLANK	51	45	65	69	68	83	0
WG1922957-2LCS	57	49	71	72	96	84	0
WG1922957-3LCSD	45	39	56	60	73	71	0
WG1923710-1BLANK	53	45	69	66	74	77	0
WG1923710-2LCS	55	50	63	70	96	83	0
WG1923710-3LCSD	47	42	56	54	67	56	0
MW-103B-20240515MS	59	50	65	66	78	70	0
MW-103B-20240515MSD	44	37	52	49	61	50	0

QC LIMITS

(21-120)	2FP = 2-FLUOROPHENOL
(10-120)	PHL = PHENOL-D6
(23-120)	NBZ = NITROBENZENE-D5
(15-120)	FBP = 2-FLUOROBIPHENYL
(10-120)	TBP = 2,4,6-TRIBROMOPHENOL
(41-149)	TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-LVI

Method Blank Summary
Form 4
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: WG1922957-1	**Lab File ID**	: 922957-1
Instrument ID	: DAKOTA	**Extraction Date**	: 05/18/24
Matrix	: WATER	**Analysis Date**	: 05/19/24 21:16
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1922957-2LCS	WG1922957-2	05/19/24 21:41
WG1922957-3LCSD	WG1922957-3	05/19/24 22:05
MW-100-20240514	L2426911-01	05/19/24 23:42
MW-101B-20240514	L2426911-02	05/20/24 00:06
MW-102-20240514	L2426911-03	05/20/24 00:30
MW-102B-20240514	L2426911-04	05/20/24 00:54
MW-2-20240514	L2426911-08	05/20/24 01:18
MW-2S-20240514	L2426911-09	05/20/24 05:44

Method Blank Summary
Form 4
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: WG1923710-1	**Lab File ID**	: 923710-1
Instrument ID	: DAKOTA	**Extraction Date**	: 05/21/24
Matrix	: WATER	**Analysis Date**	: 05/21/24 22:36
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1923710-2LCS	WG1923710-2	05/21/24 23:24
WG1923710-3LCSD	WG1923710-3	05/21/24 23:48
MW-103B-20240515MS	WG1923710-4	05/22/24 01:23
MW-103B-20240515MSD	WG1923710-5	05/22/24 01:47
MW-103-20240515	L2426911-05	05/22/24 02:11
MW-104-20240515	L2426911-07	05/22/24 04:11
CHA-1-20240515	L2426911-12	05/22/24 05:47
MW-103B-20240515	L2426911-06	05/22/24 07:23
WC-1-20240515	L2426911-13	05/22/24 08:11

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 02/28/24 20:30
Tune Standard	: R1800073-24	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.2
68	Less than 2.0% of mass 69	0.3 (.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	41.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	27.4
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	15.3
442	Base Peak, or >50% of mass 198	91.1
443	15.0 - 24.0% of mass 442	16.6 (18.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1800073-2	ABNL10	02/28/24 20:52
ABNL9	R1800073-10	ABNL9	02/28/24 21:14
ABNL8	R1800073-9	ABNL8	02/28/24 21:37
ABNL7	R1800073-8	ABNL7	02/28/24 21:59
ABNL6	R1800073-7	ABNL6	02/28/24 22:22
ABNL5	R1800073-6	ABNL5	02/28/24 22:45
ABNL4	R1800073-5	ABNL4	02/28/24 23:07
ABNL3	R1800073-4	ABNL3	02/28/24 23:30
ABNL2	R1800073-3	ABNL2	02/28/24 23:52
ABNL1	R1800073-1	ABNL1	02/29/24 00:15
APDPL10	R1800073-12	APDPL10	02/29/24 00:37
APDPL9	R1800073-20	APDPL9	02/29/24 01:00
APDPL8	R1800073-19	APDPL8	02/29/24 01:23
APDPL7	R1800073-18	APDPL7	02/29/24 01:45
APDPL6	R1800073-17	APDPL6	02/29/24 02:08
APDPL5	R1800073-14	APDPL5	02/29/24 02:30
APDPL4	R1800073-15	APDPL4	02/29/24 02:53
APDPL3	R1800073-16	APDPL3	02/29/24 03:15
APDPL2	R1800073-13	APDPL2	02/29/24 03:37
APDPL1	R1800073-11	APDPL1	02/29/24 04:00
ABN ICV Quant Form	R1800073-21	ABNICV	02/29/24 04:23
APDP ICV Quant Form	R1800073-22	APDPICV	02/29/24 04:45

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 02/29/24 11:53
Tune Standard	: R1800073-25	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	42.3
68	Less than 2.0% of mass 69	0.5 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.3 (.7)1
127	10.0 - 80.0% of Base Peak	43.5
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	26.8
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	80.9
443	15.0 - 24.0% of mass 442	14.8 (18.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
Benzaldehyde Quant Form	R1800073-23	APDPICVA	02/29/24 12:48

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 05/19/24 19:35
Tune Standard	: WG1922710-1	**Tune File ID**	: DEG0519_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.2
68	Less than 2.0% of mass 69	0.8 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	46.5
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	28.2
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	16.6
442	Base Peak, or >50% of mass 198	76.6
443	15.0 - 24.0% of mass 442	16.7 (21.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1922710-6TFACTOR-P	WG1922710-6	DEG0519	05/19/24 19:35
WG1922710-7TFACTOR-B	WG1922710-7	DEG0519	05/19/24 19:35
WG1922710-3CCAL	WG1922710-3	ABN0519	05/19/24 19:59
WG1922710-4CCAL	WG1922710-4	APDP0519	05/19/24 20:23
WG1922957-1BLANK	WG1922957-1	922957-1	05/19/24 21:16
WG1922957-2LCS	WG1922957-2	922957-2	05/19/24 21:41
WG1922957-3LCSD	WG1922957-3	922957-3	05/19/24 22:05
MW-100-20240514	L2426911-01	26911-01	05/19/24 23:42
MW-101B-20240514	L2426911-02	26911-02	05/20/24 00:06
MW-102-20240514	L2426911-03	26911-03	05/20/24 00:30
MW-102B-20240514	L2426911-04	26911-04	05/20/24 00:54
MW-2-20240514	L2426911-08	26911-08	05/20/24 01:18
MW-2S-20240514	L2426911-09	26911-09	05/20/24 05:44

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 05/21/24 21:24
Tune Standard	: WG1922717-1	**Tune File ID**	: DEG0521_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.7
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	27.7
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	16.5
442	Base Peak, or >50% of mass 198	75
443	15.0 - 24.0% of mass 442	15.6 (20.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1922717-6TFACTOR-P	WG1922717-6	DEG0521	05/21/24 21:24
WG1922717-7TFACTOR-B	WG1922717-7	DEG0521	05/21/24 21:24
WG1922717-3CCAL	WG1922717-3	ABN0521	05/21/24 21:48
WG1922717-4CCAL	WG1922717-4	APDP0521	05/21/24 22:12
WG1923710-1BLANK	WG1923710-1	923710-1	05/21/24 22:36
WG1923710-2LCS	WG1923710-2	923710-2	05/21/24 23:24
WG1923710-3LCSD	WG1923710-3	923710-3	05/21/24 23:48
WG1923710-4MS	WG1923710-4	923710-4	05/22/24 01:23
WG1923710-5MSD	WG1923710-5	923710-5	05/22/24 01:47
MW-103-20240515	L2426911-05	26911-05	05/22/24 02:11
MW-104-20240515	L2426911-07	26911-07	05/22/24 04:11
CHA-1-20240515	L2426911-12	26911-12	05/22/24 05:47
MW-103B-20240515	L2426911-06	26911-06	05/22/24 07:23
WC-1-20240515	L2426911-13	26911-13	05/22/24 08:11

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 05/19/24 19:59:00
Sample No	: WG1922710-3	**Lab File ID**	: ABN0519

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1922710-3	20907	4.23	70463	5.47	46302	7.16
Upper Limit	41814	4.73	140926	5.97	92604	7.66
Lower Limit	10454	3.73	35232	4.97	23151	6.66
Sample ID						
WG1922710-4 CCAL	20476	4.23	70007	5.47	43520	7.16
WG1922957-1 BLANK	18490	4.23	64362	5.47	41739	7.16
WG1922957-2 LCS	17281	4.23	59984	5.47	38693	7.16
WG1922957-3 LCSD	18287	4.23	63602	5.47	41840	7.16
MW-100-20240514	18734	4.23	69329	5.47	42555	7.16
MW-101B-20240514	20061	4.23	68680	5.47	44413	7.16
MW-102-20240514	19576	4.23	68339	5.47	43522	7.16
MW-102B-20240514	21760	4.23	75561	5.47	47388	7.16
MW-2-20240514	20898	4.23	69479	5.47	43027	7.16
MW-2S-20240514	18591	4.23	68495	5.47	43763	7.16

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 05/19/24 19:59:00
Sample No	: WG1922710-3	**Lab File ID**	: ABN0519

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1922710-3	100101	8.58	108993	11.14	135728	12.56
Upper Limit	200202	9.08	217986	11.64	271456	13.06
Lower Limit	50051	8.08	54497	10.64	67864	12.06
Sample ID						
WG1922710-4 CCAL	99862	8.57	-	-	-	-
WG1922957-1 BLANK	92227	8.57	101150	11.14	125133	12.56
WG1922957-2 LCS	88899	8.57	97383	11.14	114584	12.56
WG1922957-3 LCSD	91336	8.57	101379	11.14	123278	12.56
MW-100-20240514	94600	8.57	97594	11.14	120435	12.56
MW-101B-20240514	95401	8.57	104383	11.14	129234	12.56
MW-102-20240514	93726	8.57	97767	11.14	120120	12.56
MW-102B-20240514	102034	8.57	108555	11.14	131340	12.56
MW-2-20240514	98869	8.57	102702	11.14	124289	12.56
MW-2S-20240514	98968	8.57	109497	11.14	125019	12.56

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 05/21/24 21:48:00
Sample No	: WG1922717-3	**Lab File ID**	: ABN0521

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1922717-3	21138	4.17	70294	5.41	44697	7.10
Upper Limit	42276	4.67	140588	5.91	89394	7.60
Lower Limit	10569	3.67	35147	4.91	22349	6.60
Sample ID						
WG1922717-4 CCAL	19902	4.17	67945	5.41	42800	7.10
WG1923710-1 BLANK	21746	4.17	78991	5.41	49455	7.10
WG1923710-2 LCS	22491	4.17	77042	5.41	51517	7.10
WG1923710-3 LCSD	22318	4.17	79698	5.41	52391	7.10
MW-103B-20240515 MS	21029	4.17	73465	5.41	47337	7.10
MW-103B-20240515 MSD	21642	4.17	76188	5.41	48911	7.10
MW-103-20240515	21217	4.17	76769	5.41	47953	7.10
MW-104-20240515	22646	4.17	79686	5.41	50746	7.10
CHA-1-20240515	21496	4.17	77448	5.41	47363	7.10
MW-103B-20240515	20712	4.17	74632	5.41	48950	7.10
WC-1-20240515	23302	4.17	80436	5.41	50600	7.10

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Analysis Date**	: 05/21/24 21:48:00
Sample No	: WG1922717-3	**Lab File ID**	: ABN0521

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1922717-3	96863	8.51	103599	11.07	124160	12.49
Upper Limit	193726	9.01	207198	11.57	248320	12.99
Lower Limit	48432	8.01	51800	10.57	62080	11.99
Sample ID						
WG1922717-4 CCAL	94489	8.51	-	-	-	-
WG1923710-1 BLANK	110930	8.51	115062	11.07	139053	12.49
WG1923710-2 LCS	115271	8.51	124748	11.08	149110	12.49
WG1923710-3 LCSD	114348	8.51	125109	11.07	149345	12.49
MW-103B-20240515 MS	101274	8.51	110210	11.08	135961	12.49
MW-103B-20240515 MSD	111044	8.51	119798	11.08	145727	12.49
MW-103-20240515	106628	8.51	108675	11.08	133791	12.49
MW-104-20240515	109597	8.51	113764	11.08	139179	12.49
CHA-1-20240515	106776	8.51	111150	11.08	134682	12.49
MW-103B-20240515	105998	8.51	111580	11.08	139098	12.49
WC-1-20240515	112077	8.51	116942	11.08	140660	12.49

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 23:42
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-01	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 23:42
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-01	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-01	**Date Collected**	: 05/14/24 13:00
Client ID	: MW-100-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/19/24 23:42
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-01	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:06
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-02	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:06
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-02	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-02	**Date Collected**	: 05/14/24 12:10
Client ID	: MW-101B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 00:06
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-02	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:30
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-03	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:30
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-03	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-03	**Date Collected**	: 05/14/24 10:15
Client ID	: MW-102-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 00:30
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-03	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:54
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-04	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 00:54
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-04	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 00:54
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-04	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 02:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-05	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 02:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-05	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-05	**Date Collected**	: 05/15/24 10:10
Client ID	: MW-103-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 02:11
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-05	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 07:23
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-06	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 07:23
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-06	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-06	**Date Collected**	: 05/15/24 11:15
Client ID	: MW-103B-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 07:23
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-06	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 04:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-07	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 04:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-07	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-07	**Date Collected**	: 05/15/24 12:10
Client ID	: MW-104-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 04:11
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-07	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 01:18
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-08	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 01:18
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-08	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-08	**Date Collected**	: 05/14/24 14:45
Client ID	: MW-2-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 01:18
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-08	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 05:44
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-09	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 05:44
Sample Matrix	: WATER	Date Extracted	: 05/18/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-09	Analyst	: GMR
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-09	**Date Collected**	: 05/14/24 14:30
Client ID	: MW-2S-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 05:44
Sample Matrix	: WATER	**Date Extracted**	: 05/18/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-09	**Analyst**	: GMR
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 05:47
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-12	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 05:47
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-12	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-12	**Date Collected**	: 05/15/24 12:00
Client ID	: CHA-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 05:47
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-12	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 08:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-13	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 08:11
Sample Matrix	: WATER	Date Extracted	: 05/21/24
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 26911-13	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-13	**Date Collected**	: 05/15/24 14:00
Client ID	: WC-1-20240515	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/22/24 08:11
Sample Matrix	: WATER	**Date Extracted**	: 05/21/24
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 26911-13	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240519lvi\
Data File : 26911-01.D
Acq On : 19 May 2024 11:42 pm
Operator : Dakota:gmr
Sample : L2426911-01,32,,ASK
Misc : WG1922710,WG1922957,ical20900
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 22 08:42:19 2024
Quant Method : I:\8270\dakota\240519lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon May 20 00:01:01 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240519lvi\ABN0519.D
: 2 - I:\8270\Dakota\240519lvi\APDP0519.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.228	152	18734	4.000	ug/ml		0.00
Standard Area 1 = 20907			Recovery = 89.61%				
27) IS2_1,4-Dichlorobenzen...	4.228	152	18734	4.000	ug/ml		0.00
Standard Area 2 = 20476			Recovery = 91.49%				
33) IS1_Naphthalene-d8	5.465	136	69329	4.000	ug/ml	#	0.00
Standard Area 1 = 70463			Recovery = 98.39%				
53) IS2_Naphthalene-d8	5.465	136	69329	4.000	ug/ml	#	0.00
Standard Area 2 = 70007			Recovery = 99.03%				
61) IS1_Acenaphthene-d10	7.159	164	42555	4.000	ug/ml		0.00
Standard Area 1 = 46302			Recovery = 91.91%				
81) IS2_Acenaphthene-d10	7.159	164	42555	4.000	ug/ml		0.00
Standard Area 2 = 43520			Recovery = 97.78%				
85) IS1_Phenanthrene-d10	8.573	188	94600	4.000	ug/ml		0.00
Standard Area 1 = 100101			Recovery = 94.50%				
100) IS1_Chrysene-d12	11.140	240	97594	4.000	ug/ml		0.00
Standard Area 1 = 108993			Recovery = 89.54%				
109) IS1_Perylene-d12	12.561	264	120435	4.000	ug/ml		0.00
Standard Area 1 = 135728			Recovery = 88.73%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.938	112	12798	2.552	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 51.04%				
7) Phenol-d6	3.936	99	13924	2.149	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42.98%				
19) Nitrobenzene-d5	4.778	82	9495	1.627	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65.08%				
44) 2-Fluorobiphenyl	6.540	172	23864	1.536	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 61.44%				
77) 2,4,6-Tribromophenol	7.914	330	10761	3.849	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 76.98%				
93) 4-Terphenyl-d14	10.146	244	46512	1.882	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75.28%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240519lvi\
Data File : 26911-02.D
Acq On : 20 May 2024 12:06 am
Operator : Dakota:gmr
Sample : L2426911-02,32,,ASK
Misc : WG1922710,WG1922957,ical20900
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 22 08:32:04 2024
Quant Method : I:\8270\dakota\240519lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon May 20 00:25:00 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240519lvi\ABN0519.D
: 2 - I:\8270\Dakota\240519lvi\APDP0519.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.228	152	20061	4.000	ug/ml		0.00
Standard Area 1 = 20907			Recovery = 95.95%				
27) IS2_1,4-Dichlorobenzen...	4.228	152	20061	4.000	ug/ml		0.00
Standard Area 2 = 20476			Recovery = 97.97%				
33) IS1_Naphthalene-d8	5.465	136	68680	4.000	ug/ml	#	0.00
Standard Area 1 = 70463			Recovery = 97.47%				
53) IS2_Naphthalene-d8	5.465	136	68680	4.000	ug/ml	#	0.00
Standard Area 2 = 70007			Recovery = 98.10%				
61) IS1_Acenaphthene-d10	7.159	164	44413	4.000	ug/ml		0.00
Standard Area 1 = 46302			Recovery = 95.92%				
81) IS2_Acenaphthene-d10	7.159	164	44413	4.000	ug/ml		0.00
Standard Area 2 = 43520			Recovery = 102.05%				
85) IS1_Phenanthrene-d10	8.573	188	95401	4.000	ug/ml		0.00
Standard Area 1 = 100101			Recovery = 95.30%				
100) IS1_Chrysene-d12	11.140	240	104383	4.000	ug/ml	#	0.00
Standard Area 1 = 108993			Recovery = 95.77%				
109) IS1_Perylene-d12	12.561	264	129234	4.000	ug/ml		0.00
Standard Area 1 = 135728			Recovery = 95.22%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.935	112	13117	2.443	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 48.86%				
7) Phenol-d6	3.936	99	13545	1.952	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39.04%				
19) Nitrobenzene-d5	4.778	82	11693	1.871	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 74.84%				
44) 2-Fluorobiphenyl	6.540	172	27617	1.794	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 71.76%				
77) 2,4,6-Tribromophenol	7.917	330	10363	3.552	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 71.04%				
93) 4-Terphenyl-d14	10.146	244	47839	1.920	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76.80%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240519lvi\
Data File : 26911-03.D
Acq On : 20 May 2024 12:30 am
Operator : Dakota:gmr
Sample : L2426911-03,32,,ASK
Misc : WG1922710,WG1922957,ical20900
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 22 08:33:01 2024
Quant Method : I:\8270\dakota\240519lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon May 20 00:49:21 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240519lvi\ABN0519.D
: 2 - I:\8270\Dakota\240519lvi\APDP0519.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.228	152	19576	4.000	ug/ml		0.00
Standard Area 1 = 20907			Recovery = 93.63%				
27) IS2_1,4-Dichlorobenzen...	4.228	152	19576	4.000	ug/ml		0.00
Standard Area 2 = 20476			Recovery = 95.60%				
33) IS1_Naphthalene-d8	5.465	136	68339	4.000	ug/ml	#	0.00
Standard Area 1 = 70463			Recovery = 96.99%				
53) IS2_Naphthalene-d8	5.465	136	68339	4.000	ug/ml	#	0.00
Standard Area 2 = 70007			Recovery = 97.62%				
61) IS1_Acenaphthene-d10	7.159	164	43522	4.000	ug/ml		0.00
Standard Area 1 = 46302			Recovery = 94.00%				
81) IS2_Acenaphthene-d10	7.159	164	43522	4.000	ug/ml		0.00
Standard Area 2 = 43520			Recovery = 100.00%				
85) IS1_Phenanthrene-d10	8.573	188	93726	4.000	ug/ml		0.00
Standard Area 1 = 100101			Recovery = 93.63%				
100) IS1_Chrysene-d12	11.140	240	97767	4.000	ug/ml		0.00
Standard Area 1 = 108993			Recovery = 89.70%				
109) IS1_Perylene-d12	12.561	264	120120	4.000	ug/ml		0.00
Standard Area 1 = 135728			Recovery = 88.50%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.938	112	13704	2.615	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52.30%				
7) Phenol-d6	3.936	99	15148	2.237	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44.74%				
19) Nitrobenzene-d5	4.778	82	10452	1.713	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 68.52%				
44) 2-Fluorobiphenyl	6.541	172	27490	1.795	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 71.80%				
77) 2,4,6-Tribromophenol	7.917	330	9385	3.283	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 65.66%				
93) 4-Terphenyl-d14	10.146	244	50858	2.078	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 83.12%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240519lvi\
Data File : 26911-04.D
Acq On : 20 May 2024 12:54 am
Operator : Dakota:gmr
Sample : L2426911-04,32,,ASK
Misc : WG1922710,WG1922957,ical20900
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 22 08:35:29 2024
Quant Method : I:\8270\dakota\240519lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon May 20 01:13:20 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240519lvi\ABN0519.D
: 2 - I:\8270\Dakota\240519lvi\APDP0519.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.228	152	21760	4.000	ug/ml	0.00
Standard Area 1 = 20907			Recovery = 104.08%			
27) IS2_1,4-Dichlorobenzen...	4.228	152	21760	4.000	ug/ml	0.00
Standard Area 2 = 20476			Recovery = 106.27%			
33) IS1_Naphthalene-d8	5.468	136	75561	4.000	ug/ml	# 0.00
Standard Area 1 = 70463			Recovery = 107.24%			
53) IS2_Naphthalene-d8	5.468	136	75561	4.000	ug/ml	# 0.00
Standard Area 2 = 70007			Recovery = 107.93%			
61) IS1_Acenaphthene-d10	7.159	164	47388	4.000	ug/ml	0.00
Standard Area 1 = 46302			Recovery = 102.35%			
81) IS2_Acenaphthene-d10	7.159	164	47388	4.000	ug/ml	0.00
Standard Area 2 = 43520			Recovery = 108.89%			
85) IS1_Phenanthrene-d10	8.573	188	102034	4.000	ug/ml	0.00
Standard Area 1 = 100101			Recovery = 101.93%			
100) IS1_Chrysene-d12	11.140	240	108555	4.000	ug/ml	# 0.00
Standard Area 1 = 108993			Recovery = 99.60%			
109) IS1_Perylene-d12	12.561	264	131340	4.000	ug/ml	0.00
Standard Area 1 = 135728			Recovery = 96.77%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.938	112	13116	2.252	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45.04%			
7) Phenol-d6	3.936	99	15212	2.021	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40.42%			
19) Nitrobenzene-d5	4.778	82	12574	1.854	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 74.16%			
44) 2-Fluorobiphenyl	6.540	172	30294	1.789	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 71.56%			
77) 2,4,6-Tribromophenol	7.917	330	9008	2.894	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 57.88%			
93) 4-Terphenyl-d14	10.146	244	56479	2.119	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 84.76%			
Target Compounds						Qvalue
6) 2-Chlorophenol	0.000		0	N.D.		
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240519lvi\
Data File : 26911-08.D
Acq On : 20 May 2024 1:18 am
Operator : Dakota:gmr
Sample : L2426911-08,32,,ASK
Misc : WG1922710,WG1922957,ical20900
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 22 08:36:35 2024
Quant Method : I:\8270\dakota\240519lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon May 20 01:38:21 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240519lvi\ABN0519.D
: 2 - I:\8270\Dakota\240519lvi\APDP0519.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.228	152	20898	4.000	ug/ml		0.00
Standard Area 1 = 20907			Recovery = 99.96%				
27) IS2_1,4-Dichlorobenzen...	4.228	152	20898	4.000	ug/ml		0.00
Standard Area 2 = 20476			Recovery = 102.06%				
33) IS1_Naphthalene-d8	5.465	136	69479	4.000	ug/ml	#	0.00
Standard Area 1 = 70463			Recovery = 98.60%				
53) IS2_Naphthalene-d8	5.465	136	69479	4.000	ug/ml	#	0.00
Standard Area 2 = 70007			Recovery = 99.25%				
61) IS1_Acenaphthene-d10	7.159	164	43027	4.000	ug/ml		0.00
Standard Area 1 = 46302			Recovery = 92.93%				
81) IS2_Acenaphthene-d10	7.159	164	43027	4.000	ug/ml		0.00
Standard Area 2 = 43520			Recovery = 98.87%				
85) IS1_Phenanthrene-d10	8.573	188	98869	4.000	ug/ml		0.00
Standard Area 1 = 100101			Recovery = 98.77%				
100) IS1_Chrysene-d12	11.140	240	102702	4.000	ug/ml		0.00
Standard Area 1 = 108993			Recovery = 94.23%				
109) IS1_Perylene-d12	12.561	264	124289	4.000	ug/ml		0.00
Standard Area 1 = 135728			Recovery = 91.57%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.938	112	11701	2.092	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 41.84%				
7) Phenol-d6	3.936	99	13571	1.878	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 37.56%				
19) Nitrobenzene-d5	4.778	82	12202	1.874	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 74.96%				
44) 2-Fluorobiphenyl	6.540	172	29705	1.907	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76.28%				
77) 2,4,6-Tribromophenol	7.917	330	8539	3.021	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 60.42%				
93) 4-Terphenyl-d14	10.146	244	50860	1.970	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78.80%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240519lvi\
Data File : 26911-09.D
Acq On : 20 May 2024 5:44 am
Operator : Dakota:gmr
Sample : L2426911-09,32,,ASK
Misc : WG1922710,WG1922957,ical20900
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 22 08:40:20 2024
Quant Method : I:\8270\dakota\240519lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon May 20 06:03:31 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240519lvi\ABN0519.D
: 2 - I:\8270\Dakota\240519lvi\APDP0519.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.228	152	18591	4.000	ug/ml		0.00
Standard Area 1 = 20907			Recovery = 88.92%				
27) IS2_1,4-Dichlorobenzen...	4.228	152	18591	4.000	ug/ml		0.00
Standard Area 2 = 20476			Recovery = 90.79%				
33) IS1_Naphthalene-d8	5.468	136	68495	4.000	ug/ml	#	0.00
Standard Area 1 = 70463			Recovery = 97.21%				
53) IS2_Naphthalene-d8	5.468	136	68495	4.000	ug/ml	#	0.00
Standard Area 2 = 70007			Recovery = 97.84%				
61) IS1_Acenaphthene-d10	7.159	164	43763	4.000	ug/ml		0.00
Standard Area 1 = 46302			Recovery = 94.52%				
81) IS2_Acenaphthene-d10	7.159	164	43763	4.000	ug/ml		0.00
Standard Area 2 = 43520			Recovery = 100.56%				
85) IS1_Phenanthrene-d10	8.573	188	98968	4.000	ug/ml		0.00
Standard Area 1 = 100101			Recovery = 98.87%				
100) IS1_Chrysene-d12	11.140	240	109497	4.000	ug/ml	#	0.00
Standard Area 1 = 108993			Recovery = 100.46%				
109) IS1_Perylene-d12	12.561	264	125019	4.000	ug/ml		0.00
Standard Area 1 = 135728			Recovery = 92.11%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.941	112	6009	1.207	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 24.14%				
7) Phenol-d6	3.939	99	12507	1.945	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 38.90%				
19) Nitrobenzene-d5	4.778	82	10944	1.889	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75.56%				
44) 2-Fluorobiphenyl	6.540	172	27601	1.798	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 71.92%				
77) 2,4,6-Tribromophenol	7.917	330	2731	0.950	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 19.00%				
93) 4-Terphenyl-d14	10.146	244	53508	2.070	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 82.80%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240521lvi\
Data File : 26911-05.D
Acq On : 22 May 2024 2:11 am
Operator : Dakota:jg
Sample : L2426911-05,32,,ASK
Misc : WG1922717,WG1923710,ical20900
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 22 13:19:45 2024
Quant Method : I:\8270\dakota\240521lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed May 22 02:30:42 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240521lvi\ABN0521.D
: 2 - I:\8270\Dakota\240521lvi\APDP0521.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.172	152	21217	4.000	ug/ml		0.00
Standard Area 1 = 21138			Recovery = 100.37%				
27) IS2_1,4-Dichlorobenzen...	4.172	152	21217	4.000	ug/ml		0.00
Standard Area 2 = 19902			Recovery = 106.61%				
33) IS1_Naphthalene-d8	5.409	136	76769	4.000	ug/ml	#	0.00
Standard Area 1 = 70294			Recovery = 109.21%				
53) IS2_Naphthalene-d8	5.409	136	76769	4.000	ug/ml	#	0.00
Standard Area 2 = 67945			Recovery = 112.99%				
61) IS1_Acenaphthene-d10	7.100	164	47953	4.000	ug/ml		0.00
Standard Area 1 = 44697			Recovery = 107.28%				
81) IS2_Acenaphthene-d10	7.100	164	47953	4.000	ug/ml		0.00
Standard Area 2 = 42800			Recovery = 112.04%				
85) IS1_Phenanthrene-d10	8.514	188	106628	4.000	ug/ml		0.00
Standard Area 1 = 96863			Recovery = 110.08%				
100) IS1_Chrysene-d12	11.075	240	108675	4.000	ug/ml		0.00
Standard Area 1 = 103599			Recovery = 104.90%				
109) IS1_Perylene-d12	12.486	264	133791	4.000	ug/ml		0.00
Standard Area 1 = 124160			Recovery = 107.76%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.876	112	16388	2.885	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 57.70%				
7) Phenol-d6	3.880	99	16995	2.316	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46.32%				
19) Nitrobenzene-d5	4.722	82	12124	1.834	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 73.36%				
44) 2-Fluorobiphenyl	6.484	172	28759	1.671	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 66.84%				
77) 2,4,6-Tribromophenol	7.858	330	14005	4.446	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 88.92%				
93) 4-Terphenyl-d14	10.084	244	51990	1.867	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 74.68%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240521lvi\
Data File : 26911-07.D
Acq On : 22 May 2024 4:11 am
Operator : Dakota:jg
Sample : L2426911-07,32,,ASK
Misc : WG1922717,WG1923710,ical20900
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 22 13:29:55 2024
Quant Method : I:\8270\dakota\240521lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed May 22 04:30:00 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240521lvi\ABN0521.D
: 2 - I:\8270\Dakota\240521lvi\APDP0521.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.172	152	22646	4.000	ug/ml		0.00
Standard Area 1 = 21138			Recovery = 107.13%				
27) IS2_1,4-Dichlorobenzen...	4.172	152	22646	4.000	ug/ml		0.00
Standard Area 2 = 19902			Recovery = 113.79%				
33) IS1_Naphthalene-d8	5.409	136	79686	4.000	ug/ml	#	0.00
Standard Area 1 = 70294			Recovery = 113.36%				
53) IS2_Naphthalene-d8	5.409	136	79686	4.000	ug/ml	#	0.00
Standard Area 2 = 67945			Recovery = 117.28%				
61) IS1_Acenaphthene-d10	7.100	164	50746	4.000	ug/ml		0.00
Standard Area 1 = 44697			Recovery = 113.53%				
81) IS2_Acenaphthene-d10	7.100	164	50746	4.000	ug/ml		0.00
Standard Area 2 = 42800			Recovery = 118.57%				
85) IS1_Phenanthrene-d10	8.514	188	109597	4.000	ug/ml		0.00
Standard Area 1 = 96863			Recovery = 113.15%				
100) IS1_Chrysene-d12	11.075	240	113764	4.000	ug/ml		0.00
Standard Area 1 = 103599			Recovery = 109.81%				
109) IS1_Perylene-d12	12.489	264	139179	4.000	ug/ml		0.00
Standard Area 1 = 124160			Recovery = 112.10%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.876	112	16020	2.643	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52.86%				
7) Phenol-d6	3.883	99	17622	2.250	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45.00%				
19) Nitrobenzene-d5	4.722	82	11584	1.642	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65.68%				
44) 2-Fluorobiphenyl	6.484	172	28174	1.577	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 63.08%				
77) 2,4,6-Tribromophenol	7.858	330	13178	3.953	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 79.06%				
93) 4-Terphenyl-d14	10.087	244	47958	1.675	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 67.00%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240521lvi\
Data File : 26911-12.D
Acq On : 22 May 2024 5:47 am
Operator : Dakota:jg
Sample : L2426911-12,32,,ASK
Misc : WG1922717,WG1923710,ical20900
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 22 13:30:22 2024
Quant Method : I:\8270\dakota\240521lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed May 22 06:06:01 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240521lvi\ABN0521.D
: 2 - I:\8270\Dakota\240521lvi\APDP0521.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.169	152	21496	4.000	ug/ml		0.00
Standard Area 1 = 21138			Recovery = 101.69%				
27) IS2_1,4-Dichlorobenzen...	4.169	152	21496	4.000	ug/ml		0.00
Standard Area 2 = 19902			Recovery = 108.01%				
33) IS1_Naphthalene-d8	5.409	136	77448	4.000	ug/ml	#	0.00
Standard Area 1 = 70294			Recovery = 110.18%				
53) IS2_Naphthalene-d8	5.409	136	77448	4.000	ug/ml	#	0.00
Standard Area 2 = 67945			Recovery = 113.99%				
61) IS1_Acenaphthene-d10	7.100	164	47363	4.000	ug/ml		0.00
Standard Area 1 = 44697			Recovery = 105.96%				
81) IS2_Acenaphthene-d10	7.100	164	47363	4.000	ug/ml		0.00
Standard Area 2 = 42800			Recovery = 110.66%				
85) IS1_Phenanthrene-d10	8.514	188	106776	4.000	ug/ml		0.00
Standard Area 1 = 96863			Recovery = 110.23%				
100) IS1_Chrysene-d12	11.075	240	111150	4.000	ug/ml		0.00
Standard Area 1 = 103599			Recovery = 107.29%				
109) IS1_Perylene-d12	12.489	264	134682	4.000	ug/ml		0.00
Standard Area 1 = 124160			Recovery = 108.47%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.876	112	14167	2.462	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49.24%				
7) Phenol-d6	3.883	99	15082	2.029	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40.58%				
19) Nitrobenzene-d5	4.722	82	9887	1.476	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 59.04%				
44) 2-Fluorobiphenyl	6.484	172	27121	1.562	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 62.48%				
77) 2,4,6-Tribromophenol	7.861	330	13458	4.326	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 86.52%				
93) 4-Terphenyl-d14	10.084	244	50940	1.827	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 73.08%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240521lvi\
Data File : 26911-06.D
Acq On : 22 May 2024 7:23 am
Operator : Dakota:jg
Sample : L2426911-06,32,,ASK
Misc : WG1922717,WG1923710,ical20900
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 22 13:20:16 2024
Quant Method : I:\8270\dakota\240521lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed May 22 07:43:02 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240521lvi\ABN0521.D
: 2 - I:\8270\Dakota\240521lvi\APDP0521.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.172	152	20712	4.000	ug/ml		0.00
Standard Area 1 = 21138			Recovery = 97.98%				
27) IS2_1,4-Dichlorobenzen...	4.172	152	20712	4.000	ug/ml		0.00
Standard Area 2 = 19902			Recovery = 104.07%				
33) IS1_Naphthalene-d8	5.409	136	74632	4.000	ug/ml	#	0.00
Standard Area 1 = 70294			Recovery = 106.17%				
53) IS2_Naphthalene-d8	5.409	136	74632	4.000	ug/ml	#	0.00
Standard Area 2 = 67945			Recovery = 109.84%				
61) IS1_Acenaphthene-d10	7.100	164	48950	4.000	ug/ml		0.00
Standard Area 1 = 44697			Recovery = 109.52%				
81) IS2_Acenaphthene-d10	7.100	164	48950	4.000	ug/ml		0.00
Standard Area 2 = 42800			Recovery = 114.37%				
85) IS1_Phenanthrene-d10	8.514	188	105998	4.000	ug/ml		0.00
Standard Area 1 = 96863			Recovery = 109.43%				
100) IS1_Chrysene-d12	11.075	240	111580	4.000	ug/ml		0.00
Standard Area 1 = 103599			Recovery = 107.70%				
109) IS1_Perylene-d12	12.492	264	139098	4.000	ug/ml		0.00
Standard Area 1 = 124160			Recovery = 112.03%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.876	112	11493	2.073	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 41.46%				
7) Phenol-d6	3.883	99	12092	1.688	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 33.76%				
19) Nitrobenzene-d5	4.725	82	7813	1.211	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 48.44%				
44) 2-Fluorobiphenyl	6.484	172	19025	1.137	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 45.48%				
77) 2,4,6-Tribromophenol	7.858	330	7777	2.419	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 48.38%				
93) 4-Terphenyl-d14	10.090	244	31883	1.152	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 46.08%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Dakota\240521lvi\
Data File : 26911-13.D
Acq On : 22 May 2024 8:11 am
Operator : Dakota:jg
Sample : L2426911-13,32,,ASK
Misc : WG1922717,WG1923710,ical20900
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 22 13:31:00 2024
Quant Method : I:\8270\dakota\240521lvi\FS240228LVIDakota.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed May 22 08:30:23 2024
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Dakota\240521lvi\ABN0521.D
: 2 - I:\8270\Dakota\240521lvi\APDP0521.D
Sub List : 8270TCL_combo_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.172	152	23302	4.000	ug/ml		0.00
Standard Area 1 = 21138			Recovery = 110.24%				
27) IS2_1,4-Dichlorobenzen...	4.172	152	23302	4.000	ug/ml		0.00
Standard Area 2 = 19902			Recovery = 117.08%				
33) IS1_Naphthalene-d8	5.409	136	80436	4.000	ug/ml	#	0.00
Standard Area 1 = 70294			Recovery = 114.43%				
53) IS2_Naphthalene-d8	5.409	136	80436	4.000	ug/ml	#	0.00
Standard Area 2 = 67945			Recovery = 118.38%				
61) IS1_Acenaphthene-d10	7.100	164	50600	4.000	ug/ml		0.00
Standard Area 1 = 44697			Recovery = 113.21%				
81) IS2_Acenaphthene-d10	7.100	164	50600	4.000	ug/ml		0.00
Standard Area 2 = 42800			Recovery = 118.22%				
85) IS1_Phenanthrene-d10	8.514	188	112077	4.000	ug/ml		0.00
Standard Area 1 = 96863			Recovery = 115.71%				
100) IS1_Chrysene-d12	11.075	240	116942	4.000	ug/ml		0.00
Standard Area 1 = 103599			Recovery = 112.88%				
109) IS1_Perylene-d12	12.493	264	140660	4.000	ug/ml		0.00
Standard Area 1 = 124160			Recovery = 113.29%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.879	112	15008	2.406	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 48.12%				
7) Phenol-d6	3.886	99	16417	2.037	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40.74%				
19) Nitrobenzene-d5	4.722	82	11386	1.568	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 62.72%				
44) 2-Fluorobiphenyl	6.485	172	30712	1.703	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 68.12%				
77) 2,4,6-Tribromophenol	7.858	330	13304	4.003	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 80.06%				
93) 4-Terphenyl-d14	10.084	244	48861	1.669	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 66.76%				
Target Compounds							Qvalue
6) 2-Chlorophenol	0.000		0	N.D.			
8) Phenol	0.000		0	N.D.			
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files
L1 =APDPL1.D L2 =APDPL2.D L3 =APDPL3.D L4 =APDPL4.D L5 =APDPL5.D L6 =APDPL6.D L7 =APDPL
L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.681	0.654	0.669	0.718	0.746	0.734	0.716	0.919	0.786	0.827	0.745	10.83
3)	t	Pyridine	0.910	0.931	0.963	1.114	1.174	1.094	1.129	1.366	1.231	1.312	1.122	13.85
4)	S	2-Fluorophenol	1.087	0.953	1.017	1.021	1.065	1.019	1.018	1.276	1.092	1.159	1.071	8.54
5)	T	Aniline	1.462	1.534	1.587	1.553	1.602	1.558	1.519	1.946	1.651	1.711	1.612	8.45
6)	t	2-Chlorophenol	1.008	1.224	1.036	1.128	1.166	1.142	1.131	1.433	1.202	1.239	1.171	10.10
7)	S	Phenol-d6	1.312	1.284	1.275	1.326	1.347	1.336	1.327	1.698	1.441	1.490	1.383	9.36
8)	T	Phenol	1.296	1.386	1.519	1.421	1.556	1.528	1.478	1.879	1.588	1.629	1.528	10.37
9)	T	bis(2-Chloroethyl)ether	1.121	1.042	1.054	1.018	1.103	1.026	1.030	1.274	1.059	1.092	1.082	7.01
10)	T	1,3-Dichlorobenzene	1.561	1.448	1.493	1.419	1.497	1.463	1.406	1.741	1.441	1.476	1.495	6.51
11)	T	1,4-Dichlorobenzene	1.719	1.442	1.441	1.425	1.514	1.448	1.426	1.759	1.452	1.487	1.511	8.17
12)	T	1,2-Dichlorobenzene	1.458	1.373	1.397	1.422	1.510	1.379	1.381	1.676	1.376	1.413	1.439	6.53
13)	t	Benzyl alcohol	0.817	0.956	0.928	0.918	0.992	0.926	0.932	1.180	0.987	1.044	0.968	9.85
14)	T	bis(2-chloroisopropyl)ether	2.374	2.176	2.126	2.107	2.228	2.162	2.070	2.543	2.093	2.134	2.201	6.73
15)	T	2-Methylphenol	1.073	0.933	0.969	1.023	1.031	1.032	0.974	1.263	1.038	1.076	1.041	8.67
16)	T	Hexachloroethane	0.548	0.583	0.545	0.534	0.542	0.528	0.512	0.636	0.535	0.547	0.551	6.34
17)	T	n-Nitrosodi-n-propylamine	0.832	0.840	0.801	0.838	0.873	0.824	0.829	1.021	0.853	0.895	0.860	7.22
18)	T	3-Methylphenol/4-Methylphenol	1.379	1.131	1.029	1.060	1.106	1.072	1.065	1.306	1.097	1.131	1.138	10.02
19)	S	Nitrobenzene-d5	1.275	1.186	1.207	1.179	1.273	1.217	1.186	1.481	1.221	1.239	1.246	7.15
20)	T	Nitrobenzene	1.213	1.228	1.255	1.171	1.223	1.176	1.149	1.443	1.189	1.218	1.226	6.70
21)	T	Isophorone	2.141	1.917	2.127	2.044	2.179	2.209	2.093	2.640	2.186	2.302	2.184	8.72
22)	T	2-Nitrophenol		0.496	0.519	0.516	0.547	0.553	0.569	0.716	0.615	0.635	0.574	12.22
23)	T	2,4-Dimethylphenol	0.938	0.859	0.830	0.834	0.880	0.866	0.860	1.056	0.894	0.940	0.896	7.58
24)	T	bis(2-Chloroethoxy)methane	1.438	1.373	1.415	1.361	1.383	1.360	1.330	1.618	1.357	1.404	1.404	5.80
25)	T	2,4-Dichlorophenol	1.070	1.040	1.028	1.154	1.171	1.167	1.142	1.384	1.160	1.200	1.152	8.76
26)	T	1,2,4-Trichlorobenzene	1.561	1.385	1.423	1.436	1.509	1.455	1.429	1.718	1.424	1.458	1.480	6.56
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde			0.465	0.442	0.499	0.475	0.470	0.489	0.466	0.554	0.482	6.95
29)	T	Acetophenone	1.663	1.702	1.686	1.543	1.674	1.678	1.748	1.729	1.629	1.887	1.694	5.21
30)	T	m-Toluidine	1.126	1.209	1.164	1.085	1.192	1.249	1.261	1.233	1.203	1.407	1.213	7.19
31)	T	2-Chloroaniline	1.230	1.329	1.459	1.322	1.497	1.454	1.497	1.496	1.411	1.634	1.433	8.01
32)	T	n-Decane	1.627	1.485	1.372	1.317	1.459	1.374	1.351	1.353	1.334	1.507	1.418	6.96
33)	I	IS1_Naphthalene-d8	----------ISTD----------											
34)	T	Naphthalene	0.975	1.021	0.971	0.971	1.053	1.030	0.958	1.176	0.976	0.994	1.012	6.45
35)	T	Benzoic Acid				0.103	0.148	0.170	0.193	0.269	0.248	0.270	*L	0.9942
36)	T	4-Chloroaniline	0.137	0.115	0.128	0.124	0.129	0.134	0.121	0.148	0.126	0.132	0.129	7.13

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files
L1 =APDPL1.D L2 =APDPL2.D L3 =APDPL3.D L4 =APDPL4.D L5 =APDPL5.D L6 =APDPL6.D L7 =APDPL
L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	Hexachlorobutadiene	0.202	0.252	0.249	0.257	0.257	0.260	0.238	0.295	0.247	0.257	0.251	9.06
38)	T	p-Chloro-m-cresol	0.272	0.254	0.265	0.267	0.281	0.282	0.273	0.338	0.285	0.307	0.282	8.51
39)	T	2-Methylnaphthalene	0.721	0.754	0.656	0.676	0.717	0.695	0.670	0.827	0.693	0.721	0.713	6.92
40)	T	1-Methylnaphthalene	0.258	0.206	0.212	0.225	0.223	0.230	0.215	0.262	0.219	0.228	0.228	8.21
41)	T	Hexachlorocyclopentadiene	0.186	0.219	0.212	0.227	0.235	0.231	0.231	0.289	0.251	0.262	0.234	12.07
42)	T	2,4,6-Trichlorophenol	0.245	0.247	0.269	0.260	0.289	0.276	0.263	0.334	0.285	0.303	0.277	9.77
43)	T	2,4,5-Trichlorophenol	0.280	0.303	0.272	0.275	0.295	0.310	0.291	0.365	0.313	0.327	0.303	9.24
44)	S	2-Fluorobiphenyl	0.818	0.927	0.869	0.895	0.946	0.893	0.860	1.019	0.864	0.875	0.897	6.22
45)	T	2-Chloronaphthalene	0.746	0.747	0.739	0.749	0.771	0.780	0.715	0.870	0.730	0.753	0.760	5.63
46)	T	2-Nitroaniline	0.141	0.184	0.185	0.177	0.196	0.203	0.199	0.248	0.218	0.227	0.198	14.91
47)	T	1,4-Dinitrobenzene		0.066	0.073	0.082	0.085	0.092	0.084	0.111	0.102	0.106	0.089	17.04
48)	T	1,3-Dinitrobenzene		0.101	0.086	0.093	0.104	0.103	0.099	0.130	0.115	0.125	0.106	13.68
49)	T	Dimethyl phthalate	0.830	0.834	0.798	0.852	0.851	0.868	0.823	0.999	0.847	0.892	0.860	6.44
50)	T	Acenaphthylene	1.050	1.126	1.100	1.123	1.213	1.192	1.112	1.334	1.112	1.144	1.151	6.88
51)	T	2,6-Dinitrotoluene	0.120	0.151	0.158	0.162	0.167	0.173	0.166	0.209	0.182	0.194	0.168	14.39
52)	T	1,2-Dinitrobenzene		0.056	0.054	0.063	0.069	0.069	0.064	0.081	0.074	0.076	0.067	13.32
53)	I	IS2_Naphthalene-d8	----------ISTD----------											
54)	T	a-Terpineol	0.310	0.268	0.290	0.268	0.294	0.293	0.308	0.314	0.298	0.343	0.299	7.44
55)	T	3-Chloroaniline	0.118	0.117	0.137	0.131	0.141	0.129	0.134	0.137	0.132	0.148	0.132	7.14
56)	T	2,6-Dichlorophenol	0.287	0.300	0.303	0.304	0.318	0.318	0.326	0.334	0.312	0.356	0.316	6.19
57)	T	1-chloro-2-nitrobenzene	0.115	0.119	0.121	0.132	0.125	0.132	0.130	0.137	0.128	0.147	0.129	7.12
58)	T	Caprolactam				0.146	0.147	0.150	0.166	0.180	0.169	0.194	0.165	11.01
59)	T	1,2,4,5-Tetrachlorobenzene	0.470	0.459	0.437	0.432	0.444	0.434	0.447	0.446	0.421	0.476	0.447	3.90
60)	T	Biphenyl	0.851	0.918	0.870	0.887	0.886	0.900	0.914	0.898	0.838	0.945	0.891	3.60
61)	I	IS1_Acenaphthene-d10	----------ISTD----------											
62)	T	3-Nitroaniline		0.222	0.265	0.250	0.276	0.287	0.288	0.345	0.310	0.323	0.285	13.19
63)	T	Acenaphthene	0.985	1.008	1.025	1.032	0.982	0.994	1.002	1.149	1.001	1.032	1.021	4.72
64)	T	2,4-Dinitrophenol			0.061	0.120	0.119	0.134	0.158	0.200	0.189	0.206	*Q	0.9965
65)	T	Dibenzofuran	1.751	1.809	1.750	1.748	1.747	1.720	1.718	1.988	1.704	1.715	1.765	4.74
66)	T	2,4-Dinitrotoluene		0.290	0.291	0.317	0.333	0.354	0.371	0.451	0.401	0.424	*Q	0.9963
67)	T	4-Nitrophenol	0.200	0.200	0.215	0.228	0.222	0.225	0.238	0.293	0.259	0.272	0.235	13.09
68)	T	2,3,5,6-Tetrachlorophenol	0.369	0.348	0.364	0.422	0.422	0.410	0.417	0.492	0.439	0.458	0.414	10.70
69)	T	2,3,4,6-Tetrachlorophenol	0.331	0.329	0.385	0.388	0.410	0.401	0.404	0.472	0.417	0.430	0.397	10.80
70)	T	Diethyl phthalate	1.319	1.289	1.285	1.306	1.327	1.305	1.312	1.520	1.338	1.393	1.340	5.26
71)	T	Fluorene	1.368	1.355	1.318	1.356	1.326	1.314	1.288	1.517	1.317	1.344	1.350	4.68
72)	T	4-Chlorophenyl-phenylether	0.726	0.694	0.700	0.703	0.713	0.691	0.693	0.805	0.697	0.712	0.713	4.77

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files
L1 =APDPL1.D L2 =APDPL2.D L3 =APDPL3.D L4 =APDPL4.D L5 =APDPL5.D L6 =APDPL6.D L7 =APDPL
L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
73)	T	4-Nitroaniline		0.202	0.243	0.278	0.276	0.283	0.295	0.339	0.309	0.318	0.283	14.47
74)	T	4,6-Dinitro-o-cresol			0.144	0.171	0.181	0.196	0.216	0.269	0.258	0.275	*Q	0.9972
75)	T	NDPA/DPA	0.984	1.150	1.070	1.108	1.124	1.103	1.111	1.268	1.116	1.143	1.118	6.32
76)	T	Azobenzene	1.249	1.138	1.172	1.166	1.164	1.156	1.151	1.346	1.153	1.188	1.188	5.32
77)	S	2,4,6-Tribromophenol	0.255	0.256	0.238	0.252	0.245	0.252	0.259	0.305	0.275	0.292	0.263	8.16
78)	T	4-Bromophenyl-phenylether	0.401	0.428	0.466	0.446	0.452	0.443	0.444	0.519	0.463	0.489	0.455	7.08
79)	T	Hexachlorobenzene	0.531	0.552	0.566	0.552	0.533	0.523	0.542	0.625	0.555	0.583	0.556	5.36
80)	T	Pentachlorophenol				0.318	0.320	0.341	0.359	0.436	0.395	0.423	0.370	13.03
81)	I	IS2_Acenaphthene-d10	----------ISTD----------											
82)	T	Dichloran			0.142	0.148	0.153	0.156	0.183	0.193	0.210	0.235	0.178	18.88
83)	T	Pentachloronitrobenzene		0.177	0.170	0.168	0.176	0.188	0.198	0.201	0.206	0.229	0.190	10.63
84)	T	Atrazine	0.357	0.322	0.353	0.361	0.375	0.383	0.404	0.402	0.413	0.466	0.384	10.46
85)	I	IS1_Phenanthrene-d10	----------ISTD----------											
86)	T	Phenanthrene	1.117	1.039	1.003	1.035	1.025	1.016	0.977	1.190	0.988	0.994	1.038	6.36
87)	T	Anthracene	1.076	0.982	1.007	1.028	1.009	1.011	0.978	1.190	0.999	0.994	1.027	6.18
88)	T	Carbazole	1.073	0.881	0.926	0.933	0.963	0.968	0.931	1.112	0.946	0.953	0.968	7.25
89)	T	Di-n-butylphthalate	1.036	0.938	0.986	1.012	1.026	1.060	1.065	1.339	1.126	1.156	1.074	10.47
90)	T	Fluoranthene	1.398	1.331	1.247	1.242	1.248	1.244	1.193	1.487	1.253	1.265	1.291	6.92
91)	T	Benzidine	0.675	0.731	0.652	0.743	0.753	0.776	0.767	0.949	0.779	0.781	0.761	10.46
92)	T	Pyrene	1.497	1.357	1.297	1.350	1.358	1.339	1.293	1.532	1.285	1.284	1.359	6.43
93)	S	4-Terphenyl-d14	1.159	0.981	1.012	1.014	1.021	1.039	0.996	1.194	1.018	1.015	1.045	6.84
94)	T	Butyl benzyl phthalate			0.397	0.430	0.431	0.471	0.477	0.607	0.541	0.566	*L	0.9957
95)	I	IS2_Phenanthrene-d10	----------ISTD----------											
96)	T	Diphenamid	0.384	0.402	0.411	0.405	0.432	0.448	0.458	0.486	0.481	0.548	0.446	11.14
97)	T	n-Octadecane	0.377	0.403	0.390	0.368	0.397	0.412	0.406	0.422	0.411	0.463	0.405	6.49
98)	T	Parathion			0.071	0.065	0.071	0.074	0.084	0.095	0.106	0.126	*Q	0.9990
99)	T	3,3'-Dimethylbenzidine		0.338	0.368	0.406	0.459	0.483	0.561	0.632	0.667	0.757	*Q	0.9986
100)	I	IS1_Chrysene-d12	----------ISTD----------											
101)	T	Benzo[a]anthracene	1.511	1.335	1.274	1.319	1.313	1.313	1.316	1.588	1.339	1.371	1.368	7.34
102)	T	3,3'-Dichlorobenzidine	0.462	0.443	0.442	0.466	0.492	0.505	0.518	0.651	0.566	0.595	0.514	13.56
103)	T	Chrysene	1.566	1.387	1.350	1.302	1.289	1.269	1.238	1.469	1.223	1.243	1.333	8.38
104)	T	bis(2-Ethylhexyl)phthalate		0.530	0.552	0.614	0.645	0.686	0.727	0.907	0.767	0.796	*L	0.9946
105)	T	Di-n-octylphthalate			0.834	0.992	1.053	1.139	1.242	1.565	1.422	1.481	*L	0.9959
106)	T	Benzo(b)fluoranthene	1.404	1.336	1.281	1.324	1.382	1.375	1.403	1.651	1.471	1.482	1.411	7.42
107)	T	Benzo(k)fluoranthene	1.480	1.317	1.313	1.358	1.401	1.360	1.341	1.645	1.347	1.359	1.392	7.25
108)	T	Benzo(a)pyrene	1.189	1.195	1.231	1.240	1.270	1.280	1.300	1.568	1.366	1.379	1.302	8.70

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL20900**
Calibration dates	**: 02/28/24 20:52 02/29/24 04:00**		

Calibration Files

L1 =APDPL1.D L2 =APDPL2.D L3 =APDPL3.D L4 =APDPL4.D L5 =APDPL5.D L6 =APDPL6.D L7 =APDPL
L8 =APDPL8.D L9 =APDPL9.D L10 =APDPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	I	IS1_Perylene-d12	----------ISTD----------											
110)	T	Indeno(1,2,3-cd)pyrene	1.167	1.144	1.190	1.114	1.230	1.229	1.273	1.535	1.300	1.383	1.256	10.03
111)	T	Dibenzo[a,h]anthracene	1.088	1.097	1.095	1.093	1.177	1.186	1.176	1.423	1.212	1.198	1.175	8.54
112)	T	Benzo(g,h,i)perylene	1.193	1.135	1.145	1.119	1.160	1.176	1.143	1.396	1.180	1.173	1.182	6.66

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: DAKOTA		Calibration Date	: 05/19/24 19:59	
Lab File ID	: ABN0519		Init. Calib. Date(s)	: 02/28/24	02/29/24
Sample No	: WG1922710-3		Init. Calib. Times	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	86	0
n-Nitrosodimethylamine	0.745	0.721	-	3.2	20	84	0
Pyridine	1.122	1.08	-	3.7	20	85	0
2-Fluorophenol	1.071	0.986	-	7.9	20	83	0
Aniline	1.612	1.511	-	6.3	20	83	0
2-Chlorophenol	1.171	1.07	-	8.6	20	80	0
Phenol-d6	1.383	1.242	-	10.2	20	80	0
Phenol	1.528	1.298	-	15.1	20	73	0
Bis(2-chloroethyl)ether	1.082	0.933	-	13.8	20	78	0
1,3-Dichlorobenzene	1.495	1.383	-	7.5	20	81	0
1,4-Dichlorobenzene	1.511	1.36	-	10	20	81	0
1,2-Dichlorobenzene	1.439	1.353	-	6	20	84	0
Benzyl alcohol	0.968	0.863	-	10.8	20	80	0
Bis(2-chloroisopropyl)ethe	2.201	1.612	-	26.8*	20	64	0
2-Methylphenol	1.041	0.92	-	11.6	20	76	0
Hexachloroethane	0.551	0.507	-	8	20	83	0
n-Nitrosodi-n-propylamine	0.86	0.732	-	14.9	20	76	0
3-Methylphenol/4-Methylphe	1.138	0.989	-	13.1	20	79	0
Nitrobenzene-d5	1.246	1.152	-	7.5	20	81	0
Nitrobenzene	1.226	1.122	-	8.5	20	82	0
Isophorone	2.184	1.98	-	9.3	20	77	0
2-Nitrophenol	0.574	0.586	-	-2.1	20	91	0
2,4-Dimethylphenol	0.896	0.826	-	7.8	20	82	0
Bis(2-chloroethoxy)methane	1.404	1.192	-	15.1	20	75	0
2,4-Dichlorophenol	1.152	1.046	-	9.2	20	77	0
1,2,4-Trichlorobenzene	1.48	1.311	-	11.4	20	77	0
IS1_Naphthalene-d8	1	1	-	0	20	85	0
Naphthalene	1.012	0.909	-	10.2	20	75	0
Benzoic Acid	5	5.255	-	-5.1	20	102	0
4-Chloroaniline	0.129	0.123	-	4.7	20	78	0
Hexachlorobutadiene	0.251	0.25	-	0.4	20	81	0
p-Chloro-m-cresol	0.282	0.27	-	4.3	20	81	0
2-Methylnaphthalene	0.713	0.656	-	8	20	80	0
1-Methylnaphthalene	0.228	0.217	-	4.8	20	80	0
Hexachlorocyclopentadiene	0.234	0.307	-	-31.2*	20	112	0
2,4,6-Trichlorophenol	0.277	0.273	-	1.4	20	84	0
2,4,5-Trichlorophenol	0.303	0.298	-	1.7	20	81	0
2-Fluorobiphenyl	0.897	0.856	-	4.6	20	81	0
2-Chloronaphthalene	0.76	0.723	-	4.9	20	78	0
2-Nitroaniline	0.198	0.209	-	-5.6	20	87	0
1,4-Dinitrobenzene	0.089	0.099	-	-11.2	20	91	0
1,3-Dinitrobenzene	0.106	0.111	-	-4.7	20	92	0
Dimethyl phthalate	0.86	0.834	-	3	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: DAKOTA		Calibration Date	: 05/19/24 19:59	
Lab File ID	: ABN0519		Init. Calib. Date(s)	: 02/28/24	02/29/24
Sample No	: WG1922710-3		Init. Calib. Times	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.151	1.054	-	8.4	20	75	0
2,6-Dinitrotoluene	0.168	0.174	-	-3.6	20	85	0
1,2-Dinitrobenzene	0.067	0.064	-	4.5	20	79	0
IS1_Acenaphthene-d10	1	1	-	0	20	84	0
3-Nitroaniline	0.285	0.268	-	6	20	78	0
Acenaphthene	1.021	0.976	-	4.4	20	82	0
2,4-Dinitrophenol	5	6.328	-	-26.6*	20	126	0
Dibenzofuran	1.765	1.59	-	9.9	20	77	0
2,4-Dinitrotoluene	5	5.123	-	-2.5	20	92	0
4-Nitrophenol	0.235	0.237	-	-0.9	20	88	0
2,3,5,6-Tetrachlorophenol	0.414	0.436	-	-5.3	20	89	0
2,3,4,6-Tetrachlorophenol	0.397	0.431	-	-8.6	20	90	0
Diethyl phthalate	1.34	1.307	-	2.5	20	84	0
Fluorene	1.35	1.246	-	7.7	20	79	0
4-Chlorophenyl phenyl ethe	0.713	0.668	-	6.3	20	81	0
4-Nitroaniline	0.283	0.274	-	3.2	20	81	0
4,6-Dinitro-o-cresol	5	5.616	-	-12.3	20	105	0
NDPA/DPA	1.118	1.079	-	3.5	20	82	0
Azobenzene	1.188	1.126	-	5.2	20	81	0
2,4,6-Tribromophenol	0.263	0.279	-	-6.1	20	93	0
4-Bromophenyl phenyl ether	0.455	0.454	-	0.2	20	86	0
Hexachlorobenzene	0.556	0.565	-	-1.6	20	90	0
Pentachlorophenol	0.37	0.347	-	6.2	20	85	0
IS1_Phenanthrene-d10	1	1	-	0	20	85	0
Phenanthrene	1.038	0.966	-	6.9	20	81	0
Anthracene	1.027	0.981	-	4.5	20	82	0
Carbazole	0.968	0.89	-	8.1	20	78	0
Di-n-butylphthalate	1.074	1.025	-	4.6	20	82	0
Fluoranthene	1.291	1.233	-	4.5	20	84	0
Benzidine	0.761	0.714	-	6.2	20	78	0
Pyrene	1.359	1.301	-	4.3	20	83	0
4-Terphenyl-d14	1.045	1.017	-	2.7	20	83	0
Butyl benzyl phthalate	5	4.736	-	5.3	20	87	0
IS1_Chrysene-d12	1	1	-	0	20	87	0
Benzo(a)anthracene	1.368	1.267	-	7.4	20	84	0
3,3'-Dichlorobenzidine	0.514	0.488	-	5.1	20	84	0
Chrysene	1.333	1.213	-	9	20	84	0
Bis(2-ethylhexyl)phthalate	5	4.449	-	11	20	85	0
Di-n-octylphthalate	5	4.502	-	10	20	88	0
Benzo(b)fluoranthene	1.411	1.299	-	7.9	20	83	0
Benzo(k)fluoranthene	1.392	1.297	-	6.8	20	83	0
Benzo(a)pyrene	1.302	1.287	-	1.2	20	88	0
IS1_Perylene-d12	1	1	-	0	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		**Lab Number**	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		**Project Number**	: 060017.000.0005000	
Instrument ID	: DAKOTA		**Calibration Date**	: 05/19/24 19:59	
Lab File ID	: ABN0519		**Init. Calib. Date(s)**	: 02/28/24	02/29/24
Sample No	: WG1922710-3		**Init. Calib. Times**	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.256	1.072	-	14.6	20	82	0
Dibenzo(a,h)anthracene	1.175	1.039	-	11.6	20	82	0
Benzo(ghi)perylene	1.182	1.013	-	14.3	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: DAKOTA	**Calibration Date**	: 05/19/24 20:23
Lab File ID	: APDP0519	**Init. Calib. Date(s)**	: 02/28/24 02/29/24
Sample No	: WG1922710-4	**Init. Calib. Times**	: 20:52 04:00
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	85	0
Benzaldehyde	0.482	0.441	-	8.5	20	79	0
Acetophenone	1.694	1.531	-	9.6	20	78	0
m-Toluidine	1.213	1.183	-	2.5	20	80	0
2-Chloroaniline	1.433	1.404	-	2	20	82	0
n-Decane	1.418	1.174	-	17.2	20	73	0
IS2_Naphthalene-d8	1	1	-	0	20	81	0
a-Terpineol	0.299	0.281	-	6	20	78	0
3-Chloroaniline	0.132	0.128	-	3	20	80	0
2,6-Dichlorophenol	0.316	0.319	-	-0.9	20	81	0
1-chloro-2-nitrobenzene	0.129	0.146	-	-13.2	20	89	0
Caprolactam	0.165	0.157	-	4.8	20	84	0
1,2,4,5-Tetrachlorobenzene	0.447	0.456	-	-2	20	85	0
Biphenyl	0.891	0.869	-	2.5	20	78	0
IS2_Acenaphthene-d10	1	1	-	0	20	80	0
Dichloran	0.178	0.204	-	-14.6	20	104	0
Pentachloronitrobenzene	0.19	0.215	-	-13.2	20	91	0
Atrazine	0.384	0.401	-	-4.4	20	84	0
IS2_Phenanthrene-d10	1	1	-	0	20	83	0
Diphenamid	0.446	0.463	-	-3.8	20	86	0
n-Octadecane	0.405	0.352	-	13.1	20	71	0
Parathion	5	6.055	-	-21.1*	20	108	0
3,3'-Dimethylbenzidine	5	4.552	-	9	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: DAKOTA		Calibration Date	: 05/21/24 21:48	
Lab File ID	: ABN0521		Init. Calib. Date(s)	: 02/28/24	02/29/24
Sample No	: WG1922717-3		Init. Calib. Times	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
n-Nitrosodimethylamine	0.745	0.742	-	0.4	20	88	0
Pyridine	1.122	1.198	-	-6.8	20	95	0
2-Fluorophenol	1.071	1.003	-	6.3	20	85	0
Aniline	1.612	1.54	-	4.5	20	86	0
2-Chlorophenol	1.171	1.093	-	6.7	20	83	0
Phenol-d6	1.383	1.255	-	9.3	20	82	0
Phenol	1.528	1.342	-	12.2	20	76	0
Bis(2-chloroethyl)ether	1.082	0.929	-	14.1	20	79	0
1,3-Dichlorobenzene	1.495	1.39	-	7	20	82	0
1,4-Dichlorobenzene	1.511	1.446	-	4.3	20	87	0
1,2-Dichlorobenzene	1.439	1.357	-	5.7	20	85	0
Benzyl alcohol	0.968	0.885	-	8.6	20	83	0
Bis(2-chloroisopropyl)ethe	2.201	1.703	-	22.6*	20	68	0
2-Methylphenol	1.041	0.931	-	10.6	20	78	0
Hexachloroethane	0.551	0.521	-	5.4	20	86	0
n-Nitrosodi-n-propylamine	0.86	0.743	-	13.6	20	78	0
3-Methylphenol/4-Methylphe	1.138	0.978	-	14.1	20	79	0
Nitrobenzene-d5	1.246	1.219	-	2.2	20	87	0
Nitrobenzene	1.226	1.157	-	5.6	20	85	0
Isophorone	2.184	2.022	-	7.4	20	79	0
2-Nitrophenol	0.574	0.586	-	-2.1	20	92	0
2,4-Dimethylphenol	0.896	0.809	-	9.7	20	81	0
Bis(2-chloroethoxy)methane	1.404	1.207	-	14	20	77	0
2,4-Dichlorophenol	1.152	1.079	-	6.3	20	80	0
1,2,4-Trichlorobenzene	1.48	1.313	-	11.3	20	78	0
IS1_Naphthalene-d8	1	1	-	0	20	84	0
Naphthalene	1.012	0.924	-	8.7	20	76	0
Benzoic Acid	5	5.624	-	-12.5	20	112	0
4-Chloroaniline	0.129	0.118	-	8.5	20	74	0
Hexachlorobutadiene	0.251	0.262	-	-4.4	20	85	0
p-Chloro-m-cresol	0.282	0.271	-	3.9	20	81	0
2-Methylnaphthalene	0.713	0.676	-	5.2	20	82	0
1-Methylnaphthalene	0.228	0.208	-	8.8	20	76	0
Hexachlorocyclopentadiene	0.234	0.308	-	-31.6*	20	113	0
2,4,6-Trichlorophenol	0.277	0.267	-	3.6	20	82	0
2,4,5-Trichlorophenol	0.303	0.294	-	3	20	80	0
2-Fluorobiphenyl	0.897	0.869	-	3.1	20	82	0
2-Chloronaphthalene	0.76	0.692	-	8.9	20	75	0
2-Nitroaniline	0.198	0.199	-	-0.5	20	83	0
1,4-Dinitrobenzene	0.089	0.1	-	-12.4	20	91	0
1,3-Dinitrobenzene	0.106	0.116	-	-9.4	20	95	0
Dimethyl phthalate	0.86	0.851	-	1	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		Project Number	: 060017.000.0005000	
Instrument ID	: DAKOTA		Calibration Date	: 05/21/24 21:48	
Lab File ID	: ABN0521		Init. Calib. Date(s)	: 02/28/24	02/29/24
Sample No	: WG1922717-3		Init. Calib. Times	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.151	1.064	-	7.6	20	75	0
2,6-Dinitrotoluene	0.168	0.177	-	-5.4	20	86	0
1,2-Dinitrobenzene	0.067	0.066	-	1.5	20	80	0
IS1_Acenaphthene-d10	1	1	-	0	20	81	0
3-Nitroaniline	0.285	0.298	-	-4.6	20	84	0
Acenaphthene	1.021	0.983	-	3.7	20	80	0
2,4-Dinitrophenol	5	6.4	-	-28*	20	123	0
Dibenzofuran	1.765	1.63	-	7.6	20	77	0
2,4-Dinitrotoluene	5	4.986	-	0.3	20	87	0
4-Nitrophenol	0.235	0.262	-	-11.5	20	94	0
2,3,5,6-Tetrachlorophenol	0.414	0.432	-	-4.3	20	85	0
2,3,4,6-Tetrachlorophenol	0.397	0.427	-	-7.6	20	86	0
Diethyl phthalate	1.34	1.344	-	-0.3	20	83	0
Fluorene	1.35	1.3	-	3.7	20	80	0
4-Chlorophenyl phenyl ethe	0.713	0.676	-	5.2	20	79	0
4-Nitroaniline	0.283	0.285	-	-0.7	20	81	0
4,6-Dinitro-o-cresol	5	6.004	-	-20.1*	20	110	0
NDPA/DPA	1.118	1.083	-	3.1	20	79	0
Azobenzene	1.188	1.145	-	3.6	20	80	0
2,4,6-Tribromophenol	0.263	0.281	-	-6.8	20	90	0
4-Bromophenyl phenyl ether	0.455	0.456	-	-0.2	20	83	0
Hexachlorobenzene	0.556	0.565	-	-1.6	20	87	0
Pentachlorophenol	0.37	0.364	-	1.6	20	86	0
IS1_Phenanthrene-d10	1	1	-	0	20	82	0
Phenanthrene	1.038	0.977	-	5.9	20	79	0
Anthracene	1.027	0.963	-	6.2	20	78	0
Carbazole	0.968	0.891	-	8	20	76	0
Di-n-butylphthalate	1.074	1.066	-	0.7	20	83	0
Fluoranthene	1.291	1.227	-	5	20	81	0
Benzidine	0.761	0.71	-	6.7	20	75	0
Pyrene	1.359	1.294	-	4.8	20	79	0
4-Terphenyl-d14	1.045	0.969	-	7.3	20	77	0
Butyl benzyl phthalate	5	4.655	-	6.9	20	82	0
IS1_Chrysene-d12	1	1	-	0	20	83	0
Benzo(a)anthracene	1.368	1.215	-	11.2	20	77	0
3,3'-Dichlorobenzidine	0.514	0.487	-	5.3	20	80	0
Chrysene	1.333	1.181	-	11.4	20	77	0
Bis(2-ethylhexyl)phthalate	5	4.515	-	9.7	20	82	0
Di-n-octylphthalate	5	4.581	-	8.4	20	85	0
Benzo(b)fluoranthene	1.411	1.365	-	3.3	20	82	0
Benzo(k)fluoranthene	1.392	1.259	-	9.6	20	77	0
Benzo(a)pyrene	1.302	1.236	-	5.1	20	80	0
IS1_Perylene-d12	1	1	-	0	20	86	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		**Lab Number**	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		**Project Number**	: 060017.000.0005000	
Instrument ID	: DAKOTA		**Calibration Date**	: 05/21/24 21:48	
Lab File ID	: ABN0521		**Init. Calib. Date(s)**	: 02/28/24	02/29/24
Sample No	: WG1922717-3		**Init. Calib. Times**	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.256	1.114	-	11.3	20	78	0
Dibenzo(a,h)anthracene	1.175	1.044	-	11.1	20	76	0
Benzo(ghi)perylene	1.182	1.026	-	13.2	20	75	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		**Lab Number**	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		**Project Number**	: 060017.000.0005000	
Instrument ID	: DAKOTA		**Calibration Date**	: 05/21/24 22:12	
Lab File ID	: APDP0521		**Init. Calib. Date(s)**	: 02/28/24	02/29/24
Sample No	: WG1922717-4		**Init. Calib. Times**	: 20:52	04:00
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	83	0
Benzaldehyde	0.482	0.422	-	12.4	20	73	0
Acetophenone	1.694	1.548	-	8.6	20	76	0
m-Toluidine	1.213	1.211	-	0.2	20	80	0
2-Chloroaniline	1.433	1.428	-	0.3	20	81	0
n-Decane	1.418	1.201	-	15.3	20	72	0
IS2_Naphthalene-d8	1	1	-	0	20	78	0
a-Terpineol	0.299	0.291	-	2.7	20	78	0
3-Chloroaniline	0.132	0.136	-	-3	20	82	0
2,6-Dichlorophenol	0.316	0.321	-	-1.6	20	79	0
1-chloro-2-nitrobenzene	0.129	0.144	-	-11.6	20	85	0
Caprolactam	0.165	0.149	-	9.7	20	78	0
1,2,4,5-Tetrachlorobenzene	0.447	0.47	-	-5.1	20	85	0
Biphenyl	0.891	0.873	-	2	20	76	0
IS2_Acenaphthene-d10	1	1	-	0	20	79	0
Dichloran	0.178	0.209	-	-17.4	20	105	0
Pentachloronitrobenzene	0.19	0.213	-	-12.1	20	89	0
Atrazine	0.384	0.39	-	-1.6	20	80	0
IS2_Phenanthrene-d10	1	1	-	0	20	79	0
Diphenamid	0.446	0.463	-	-3.8	20	81	0
n-Octadecane	0.405	0.357	-	11.9	20	68	0
Parathion	5	6.222	-	-24.4*	20	105	0
3,3'-Dimethylbenzidine	5	4.335	-	13.3	20	73	0

* Value outside of QC limits.

Surrogate Recovery Summary
Form 2
PCBs

Client: CHA Companies
Project Name: FRIEDRICHSOHN 2024

Lab Number: L2426911
Project Number: 060017.000.0005000
Matrix: Water

GC Column 1: CLP-Pesticide
GC Column 2: CLP-PesticideII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
MW-100-20240514 (L2426911-01)	76	75	60	83			0
MW-101B-20240514 (L2426911-02)	77	75	77	106			0
MW-102-20240514 (L2426911-03)	79	72	80	97			0
MW-102B-20240514 (L2426911-04)	99	74	73	101			0
MW-103-20240515 (L2426911-05)	75	77	77	108			0
MW-103B-20240515 (L2426911-06)	74	76	89	111			0
MW-104-20240515 (L2426911-07)	67	73	45	67			0
MW-2-20240514 (L2426911-08)	67	71	65	101			0
MW-2S-20240514 (L2426911-09)	71	73	61	82			0
CHA-1-20240515 (L2426911-12)	71	73	68	101			0
WC-1-20240515 (L2426911-13)	67	71	62	89			0
WG1922988-1BLANK	67	70	75	106			0
WG1922988-2LCS	73	70	74	101			0
WG1922988-3LCSD	75	75	78	114			0
MW-103B-20240515MS	77	77	82	110			0
MW-103B-20240515MSD	65	68	73	105			0

QC LIMITS
(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE
(30-150) DCBP = DECACHLOROBIPHENYL

*** Values outside of QC limits**

Laboratory Control Sample Summary
Form 3
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1922988-2 **Analysis Date** : 05/20/24 11:55	**File ID**	: P2240520a-17
LCSD Sample ID	: WG1922988-3 **Analysis Date** : 05/20/24 12:05	**File ID**	: P2240520a-18

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Aroclor 1016	1.78	1.24	69	1.78	1.33	75	7	40-140	50
Aroclor 1260	1.78	1.17	66	1.78	1.24	69	6	40-140	50

Matrix Spike Sample Summary
Form 3
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2426911-06	**Analysis Date**	: 05/20/24 13:01
Matrix Spike	: WG1922988-4	**MS Analysis Date**	: 05/20/24 13:11
Matrix Spike Dup	: WG1922988-5	**MSD Analysis Date**	: 05/20/24 13:20

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Aroclor 1016	ND	1.78	1.73	97	1.78	1.57	88	10	40-140	50
Aroclor 1260	ND	1.78	1.23	69	1.78	1.07	60	14	40-140	50

Method Blank Summary
Form 4
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: WG1922988-1	**Lab File ID**	: P2240520a-16
Matrix	: WATER	**Extraction Date**	: 05/19/24
Sulfur Cleanup	: Y		
Analysis Date (1)	: 05/20/24 11:46	**Analysis Date (2)**	: 05/20/24 11:46
Instrument ID (1)	: PEST2	**Instrument ID (2)**	: PEST2

Client Sample No.	Lab Sample ID	Analysis Date 1	Analysis Date 2
WG1922988-2LCS	WG1922988-2	05/20/24 11:55	05/20/24 11:55
WG1922988-3LCSD	WG1922988-3	05/20/24 12:05	05/20/24 12:05
MW-100-20240514	L2426911-01	05/20/24 12:14	05/20/24 12:14
MW-101B-20240514	L2426911-02	05/20/24 12:24	05/20/24 12:24
MW-102-20240514	L2426911-03	05/20/24 12:33	05/20/24 12:33
MW-102B-20240514	L2426911-04	05/20/24 12:42	05/20/24 12:42
MW-103-20240515	L2426911-05	05/20/24 12:52	05/20/24 12:52
MW-103B-20240515	L2426911-06	05/20/24 13:01	05/20/24 13:01
MW-103B-20240515MS	WG1922988-4	05/20/24 13:11	05/20/24 13:11
MW-103B-20240515MSD	WG1922988-5	05/20/24 13:20	05/20/24 13:20
MW-104-20240515	L2426911-07	05/20/24 13:30	05/20/24 13:30
MW-2-20240514	L2426911-08	05/20/24 13:39	05/20/24 13:39
MW-2S-20240514	L2426911-09	05/20/24 13:48	05/20/24 13:48
CHA-1-20240515	L2426911-12	05/20/24 13:58	05/20/24 13:58
WC-1-20240515	L2426911-13	05/20/24 14:07	05/20/24 14:07

Analytical Sequence
Form 8b
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: PEST2	**Initial Calib. Date(s)**	: 05/06/24 05/07/24

Client ID	Lab ID	Date/Time Analyzed
1242/1268 L4 (250ug/L)	R1826224-1	05/06/24 20:49
1232/1262 L4 (250ug/L)	R1826224-2	05/06/24 20:59
1248 L4 (250ug/L)	R1826224-3	05/06/24 21:08
1221/1254 L4 (250ug/L)	R1826224-4	05/06/24 21:18
1016/1260 L2 (50ug/L)	R1826224-5	05/06/24 21:36
1016/1260 L3 (100ug/L)	R1826224-6	05/06/24 21:46
1016/1260 L4 (250ug/L)	R1826224-7	05/06/24 21:55
1016/1260 L5 (500ug/L)	R1826224-8	05/06/24 22:04
1016/1260 L6 (1000ug/L)	R1826224-9	05/06/24 22:14
R1826224-10 ICV	R1826224-10	05/06/24 22:23
R1826224-11 ICV	R1826224-11	05/06/24 22:33
R1826224-12 ICV	R1826224-12	05/06/24 22:42
R1826224-13 ICV	R1826224-13	05/06/24 22:52
1016/1260 L1 (10ug/L)	R1826224-14	05/07/24 15:31
R1826224-15 ICV	R1826224-15	05/07/24 15:41
WG1923271-1 CCAL	WG1923271-1	05/20/24 07:36
WG1923271-4 CCAL	WG1923271-4	05/20/24 09:17
WG1922988-1 BLANK	WG1922988-1	05/20/24 11:46
WG1922988-2 LCS	WG1922988-2	05/20/24 11:55
WG1922988-3 LCSD	WG1922988-3	05/20/24 12:05
MW-100-20240514	L2426911-01	05/20/24 12:14
MW-101B-20240514	L2426911-02	05/20/24 12:24
MW-102-20240514	L2426911-03	05/20/24 12:33
MW-102B-20240514	L2426911-04	05/20/24 12:42
MW-103-20240515	L2426911-05	05/20/24 12:52
MW-103B-20240515	L2426911-06	05/20/24 13:01
MW-103B-20240515 MS	WG1922988-4	05/20/24 13:11
MW-103B-20240515 MSD	WG1922988-5	05/20/24 13:20
MW-104-20240515	L2426911-07	05/20/24 13:30
MW-2-20240514	L2426911-08	05/20/24 13:39
MW-2S-20240514	L2426911-09	05/20/24 13:48
CHA-1-20240515	L2426911-12	05/20/24 13:58
WC-1-20240515	L2426911-13	05/20/24 14:07

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:14
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-19	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:24
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-20	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:33
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-21	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:42
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-22	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:52
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-23	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 12:52
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-23	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	2.15	0.071	0.061	
1336-36-3	PCBs, Total	2.15	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:01
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-24	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:01
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-24	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	0.571	0.071	0.061	
1336-36-3	PCBs, Total	0.571	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-27	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:30
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-27	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	1.02	0.071	0.061	
1336-36-3	PCBs, Total	1.02	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:39
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-28	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:48
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-29	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
53469-21-9	Aroclor 1242	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:48
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-29	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U
1336-36-3	PCBs, Total	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:58
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-30	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 13:58
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-30	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	1.84	0.071	0.061	
1336-36-3	PCBs, Total	1.84	0.071	0.061	

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:07
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-31	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.071	0.061	U
11104-28-2	Aroclor 1221	ND	0.071	0.061	U
11141-16-5	Aroclor 1232	ND	0.071	0.061	U
12672-29-6	Aroclor 1248	ND	0.071	0.061	U
11097-69-1	Aroclor 1254	ND	0.071	0.061	U
11096-82-5	Aroclor 1260	ND	0.071	0.061	U
37324-23-5	Aroclor 1262	ND	0.071	0.061	U
11100-14-4	Aroclor 1268	ND	0.071	0.061	U

Results Summary
Form 1
Polychlorinated Biphenyls by GC

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 14:07
Sample Matrix	: WATER	Date Extracted	: 05/19/24
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: P2240520a-31	Analyst	: MEO
Sample Amount	: 140 ml	Instrument ID	: PEST2
Extraction Method	: EPA 3510C	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53469-21-9	Aroclor 1242	0.696	0.071	0.061	
1336-36-3	PCBs, Total	0.696	0.071	0.061	

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:14 pm
Operator : pest2:meo
Sample : L2426911-01,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:41 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	443.5E6	283.8E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =		97.93%
	Standard Area 1 : #2 = 293333862				Recovery =		96.76%
14) i	2154_1br2nb	1.161	1.230	443.5E6	283.8E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	443.5E6	283.8E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	443.5E6	283.8E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	443.5E6	283.8E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.446	1.605	354.8E6	210.7E6	15.257	15.069
	Spiked Amount 20.000	Range 30 - 150			Recovery =	76.28%	75.35%
3) s	Decachlorobi	4.019	4.533	181.1E6	108.7E6	12.049M4	16.504M4
	Spiked Amount 20.000	Range 30 - 150			Recovery =	60.24%	82.52%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:14 pm
Operator : pest2:meo
Sample : L2426911-01,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:41 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-19.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:14 pm
Operator : pest2:meo
Sample : L2426911-01,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:41 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:24 pm
Operator : pest2:meo
Sample : L2426911-02,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 20 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:44 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	456.7E6	293.3E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	100.84%	
	Standard Area 1 : #2 = 293333862				Recovery =	99.97%	
14) i	2154_1br2nb	1.161	1.230	456.7E6	293.3E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	456.7E6	293.3E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	456.7E6	293.3E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	456.7E6	293.3E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.605	368.3E6	217.3E6	15.382	15.038
	Spiked Amount 20.000	Range 30 - 150		Recovery =	76.91%	75.19%	
3) s	Decachlorobi	4.019	4.533	237.7E6	143.7E6	15.364M4	21.121
	Spiked Amount 20.000	Range 30 - 150		Recovery =	76.82%	105.60%	
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D.	N.D.
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:24 pm
Operator : pest2:meo
Sample : L2426911-02,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 20 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:44 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D.	N.D.
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-20.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:24 pm
Operator : pest2:meo
Sample : L2426911-02,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 20 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:44 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D.	N.D.
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:33 pm
Operator : pest2:meo
Sample : L2426911-03,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:47 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	390.0E6	284.9E6	25.000M4	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	86.11%	
	Standard Area 1 : #2 = 293333862				Recovery =	97.13%	
14) i	2154_1br2nb	1.161	1.230	390.0E6	284.9E6	25.000M4	25.000
23) i	4268_1br2nb	1.161	1.230	390.0E6	284.9E6	25.000M4	25.000
34) i	1248_1br2nb	1.161	1.230	390.0E6	284.9E6	25.000M4	25.000
40) i	3262_1br2nb	1.161	1.230	390.0E6	284.9E6	25.000M4	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.446	1.605	321.1E6	201.7E6	15.702M4	14.369
	Spiked Amount 20.000	Range 30 - 150			Recovery =	78.51%	71.84%
3) s	Decachlorobi	4.020	4.534	212.0E6	128.5E6	16.047M4	19.433M4
	Spiked Amount 20.000	Range 30 - 150			Recovery =	80.23%	97.17%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:33 pm
Operator : pest2:meo
Sample : L2426911-03,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:47 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
10) l2 1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2 1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2 1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2 1260-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-21.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:33 pm
Operator : pest2:meo
Sample : L2426911-03,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:47 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:42 pm
Operator : pest2:meo
Sample : L2426911-04,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:50 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	414.7E6	268.1E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =		91.56%
	Standard Area 1 : #2 = 293333862				Recovery =		91.41%
14) i	2154_1br2nb	1.161	1.230	414.7E6	268.1E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	414.7E6	268.1E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	414.7E6	268.1E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	414.7E6	268.1E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.605	431.3E6	196.3E6	19.834	14.858
	Spiked Amount 20.000	Range 30 - 150			Recovery =	99.17%	74.29%
3) s	Decachlorobi	4.019	4.533	205.5E6	126.3E6	14.625M4	20.297
	Spiked Amount 20.000	Range 30 - 150			Recovery =	73.13%	101.49%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:42 pm
Operator : pest2:meo
Sample : L2426911-04,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:50 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:42 pm
Operator : pest2:meo
Sample : L2426911-04,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:50 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:52 pm
Operator : pest2:meo
Sample : L2426911-05,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:54 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	426.4E6	277.1E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =		94.16%
	Standard Area 1 : #2 = 293333862				Recovery =		94.47%
14) i	2154_1br2nb	1.161	1.230	426.4E6	277.1E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	426.4E6	277.1E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	426.4E6	277.1E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	426.4E6	277.1E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.605	337.3E6	211.5E6	15.085	15.492
	Spiked Amount 20.000	Range 30 - 150			Recovery =	75.43%	77.46%
3) s	Decachlorobi	4.020	4.533	222.4E6	138.8E6	15.390M4	21.592
	Spiked Amount 20.000	Range 30 - 150			Recovery =	76.95%	107.96%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:52 pm
Operator : pest2:meo
Sample : L2426911-05,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:54 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	1.586	1.807	88008057	61561861	276.650	318.454
25) l6 1242-2	1.729	1.978	622.0E6	397.2E6	907.091	944.729
26) l6 1242-3	1.908	2.170	152.3E6	98080256	103.086	121.720
27) l6 1242-4	1.972	2.235	8718294	32380815	14.745	99.909
28) l6 1242-5	2.325	2.623	3541414	5705681	7.699M4	23.600M4
Sum 1242-1			874.6E6	594.9E6	1309.272	1508.412
Average 1242-1					261.854	301.682
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 12:52 pm
Operator : pest2:meo
Sample : L2426911-05,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 23 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:54 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-24.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:01 pm
Operator : pest2:meo
Sample : L2426911-06,42,, p
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:57 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	444.9E6	287.2E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	98.23%	
	Standard Area 1 : #2 = 293333862				Recovery =	97.93%	
14) i	2154_1br2nb	1.161	1.230	444.9E6	287.2E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	444.9E6	287.2E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	444.9E6	287.2E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	444.9E6	287.2E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.446	1.604	347.1E6	215.9E6	14.882M4	15.258M4
	Spiked Amount 20.000	Range 30 - 150			Recovery =	74.41%	76.29%
3) s	Decachlorobi	4.020	4.534	268.7E6	147.4E6	17.827	22.110
	Spiked Amount 20.000	Range 30 - 150			Recovery =	89.14%	110.55%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-24.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:01 pm
Operator : pest2:meo
Sample : L2426911-06,42,, p
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:57 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	1.585	1.806	8980011	9915745	27.058M2	49.483M4
25) l6 1242-2	1.727	1.977	191.3E6	120.3E6	267.466M4	276.060M4
26) l6 1242-3	1.907	2.169	24821315	17025798	16.100M4	20.384M4
27) l6 1242-4	0.000	2.234	0	12234402	N.D. d	36.416M4
28) l6 1242-5	2.324	2.620	2737469	4312607	5.705M4	17.208M4
Sum 1242-1			227.9E6	163.8E6	316.329	399.551
Average 1242-1					79.082	79.910
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-24.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:01 pm
Operator : pest2:meo
Sample : L2426911-06,42,, p
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 24 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:33:57 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:30 pm
Operator : pest2:meo
Sample : L2426911-07,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:08 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	475.8E6	283.9E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	105.06%	
	Standard Area 1 : #2 = 293333862				Recovery =	96.79%	
14) i	2154_1br2nb	1.161	1.230	475.8E6	283.9E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	475.8E6	283.9E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	475.8E6	283.9E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	475.8E6	283.9E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.605	332.7E6	204.9E6	13.337	14.649
	Spiked Amount 20.000	Range 30 - 150			Recovery =	66.68%	73.24%
3) s	Decachlorobi	4.021	4.535	144.1E6	88134704	8.938M4	13.379
	Spiked Amount 20.000	Range 30 - 150			Recovery =	44.69%	66.89%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:30 pm
Operator : pest2:meo
Sample : L2426911-07,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:08 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	1.587	1.807	43230928	32936665	121.793	166.290
25) l6 1242-2	1.729	1.978	234.7E6	160.8E6	306.733	373.387
26) l6 1242-3	1.909	2.170	89145934	61145564	54.065	74.062
27) l6 1242-4	1.973	2.236	25903846	20739047	39.264	62.454
28) l6 1242-5	2.325	2.625	13242105	8797450	25.802M4	35.515M4
Sum 1242-1			406.2E6	284.5E6	547.658	711.707
Average 1242-1					109.532	142.341
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-27.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:30 pm
Operator : pest2:meo
Sample : L2426911-07,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:08 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:39 pm
Operator : pest2:meo
Sample : L2426911-08,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:12 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	484.0E6	298.4E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	106.88%	
	Standard Area 1 : #2 = 293333862				Recovery =	101.74%	
14) i	2154_1br2nb	1.161	1.230	484.0E6	298.4E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	484.0E6	298.4E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	484.0E6	298.4E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	484.0E6	298.4E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.605	341.8E6	208.2E6	13.468	14.158
	Spiked Amount 20.000	Range 30 - 150			Recovery =	67.34%	70.79%
3) s	Decachlorobi	4.019	4.533	213.4E6	139.7E6	13.014M4	20.179M4
	Spiked Amount 20.000	Range 30 - 150			Recovery =	65.07%	100.90%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D.	N.D.
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
Average	1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:39 pm
Operator : pest2:meo
Sample : L2426911-08,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:12 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D.	N.D.
26) l6 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-28.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:39 pm
Operator : pest2:meo
Sample : L2426911-08,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:12 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D.	N.D.
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:48 pm
Operator : pest2:meo
Sample : L2426911-09,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:15 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	449.8E6	284.2E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	99.31%	
	Standard Area 1 : #2 = 293333862				Recovery =	96.88%	
14) i	2154_1br2nb	1.161	1.230	449.8E6	284.2E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	449.8E6	284.2E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	449.8E6	284.2E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	449.8E6	284.2E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.605	333.7E6	205.1E6	14.151	14.647
	Spiked Amount 20.000	Range 30 - 150			Recovery =	70.75%	73.23%
3) s	Decachlorobi	4.020	4.534	184.4E6	108.0E6	12.101M4	16.376M4
	Spiked Amount 20.000	Range 30 - 150			Recovery =	60.51%	81.88%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
Average 1016-1						0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	3.161	0	1695415	N.D. d	2.415M4
11) l2	1260-3	3.133	3.554	2077936	1100557	1.911M4	2.022M4
12) l2	1260-4	3.288	3.683	3767485	2483251	1.617M4	2.270M4
13) l2	1260-5	3.451	0.000	5887681	0	3.605M1	N.D. d
	Sum 1260-1			11733103	5279223	7.132	6.707
Average 1260-1						2.377	2.236
15) l3	1221-2	0.000	0.000	0	0	N.D. d	N.D. d

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:48 pm
Operator : pest2:meo
Sample : L2426911-09,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:15 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	2.307	0.000	5889902	0	6.518M4	N.D. d
19) l4 1254-2	0.000	2.733	0	1174190	N.D. d	1.968M4
20) l4 1254-3	2.602	2.963	7311866	7235743	4.274M4	8.213M4
21) l4 1254-4	2.731	3.075	2667593	2725024	2.228M4	5.002
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			15869360	11134957	13.020	15.184
Average 1254-1					4.340	5.061
24) l6 1242-1	0.000	0.000	0	0	N.D. d	N.D. d
25) l6 1242-2	0.000	0.000	0	0	N.D. d	N.D. d
26) l6 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
27) l6 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
28) l6 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242-1			0	0	N.D.	N.D.
Average 1242-1					0.000	0.000
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	3.907	0	2097003	N.D. d	1.681
31) l9 1268-3	3.574	4.048	2633973	2549149	1.102M4	2.494
32) l9 1268-4	3.761	0.000	1714553	0	1.635M4	N.D. d
33) l9 1268-5	3.916	4.385	7368700	4345722	1.044M4	1.561M4
Sum 1268-1			11717226	8991874	3.781	5.736 D
Average 1268-1					1.260	1.912 D
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	2.036	2.325	3130343	1373456	2.363M2	3.512M4
37) l7 1248-3	2.142	2.450	2234996	904407	1.909M4	1.840M4
38) l7 1248-4	2.325	2.621	2843029	3024389	2.722M4	5.590M4
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1248-1			8208368	5302253	6.994	10.941 D
Average 1248-1					2.331	3.647 D

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-29.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:48 pm
Operator : pest2:meo
Sample : L2426911-09,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:15 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-30.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:58 pm
Operator : pest2:meo
Sample : L2426911-12,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:18 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	452.3E6	286.3E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	99.86%	
	Standard Area 1 : #2 = 293333862				Recovery =	97.62%	
14) i	2154_1br2nb	1.161	1.230	452.3E6	286.3E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	452.3E6	286.3E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	452.3E6	286.3E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	452.3E6	286.3E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.605	337.2E6	205.9E6	14.221	14.593
	Spiked Amount 20.000	Range 30 - 150			Recovery =	71.10%	72.97%
3) s	Decachlorobi	4.019	4.533	209.6E6	134.4E6	13.676M4	20.223
	Spiked Amount 20.000	Range 30 - 150			Recovery =	68.38%	101.11%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1016-1			0	0	N.D.	N.D.
	Average 1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-30.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 1:58 pm
Operator : pest2:meo
Sample : L2426911-12,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:18 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	1.586	1.806	76322940	51352638	226.215M4	257.081M4
25) l6 1242-2	1.728	1.977	553.5E6	351.7E6	761.119M4	809.542M4
26) l6 1242-3	1.907	2.169	152.2E6	88306164	97.124M4	106.058M4
27) l6 1242-4	1.956	2.234	28058589	29626739	44.744M4	88.466M4
28) l6 1242-5	2.324	2.622	3613789	5997659	7.408M4	24.008M4
Sum 1242-1			813.7E6	527.0E6	1136.610	1285.155
Average 1242-1					227.322	257.031
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D. d	N.D. d
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 2:07 pm
Operator : pest2:meo
Sample : L2426911-13,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:22 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Internal Standards							
1) i	1660_1br2nb	1.161	1.230	448.2E6	280.5E6	25.000	25.000
	Standard Area 1 : #1 = 452893765				Recovery =	98.97%	
	Standard Area 1 : #2 = 293333862				Recovery =	95.63%	
14) i	2154_1br2nb	1.161	1.230	448.2E6	280.5E6	25.000	25.000
23) i	4268_1br2nb	1.161	1.230	448.2E6	280.5E6	25.000	25.000
34) i	1248_1br2nb	1.161	1.230	448.2E6	280.5E6	25.000	25.000
40) i	3262_1br2nb	1.161	1.230	448.2E6	280.5E6	25.000	25.000
System Monitoring Compounds							
2) s	2,4,5,6-Tetr	1.447	1.604	316.8E6	196.0E6	13.479M4	14.181M4
	Spiked Amount 20.000	Range 30 - 150			Recovery =	67.39%	70.91%
3) s	Decachlorobi	4.020	4.534	186.9E6	115.8E6	12.306M4	17.787M4
	Spiked Amount 20.000	Range 30 - 150			Recovery =	61.53%	88.94%
Target Compounds							
4) l1	1016-1	0.000	0.000	0	0	N.D. d	N.D. d
5) l1	1016-2	0.000	0.000	0	0	N.D. d	N.D. d
6) l1	1016-3	0.000	0.000	0	0	N.D. d	N.D. d
7) l1	1016-4	0.000	0.000	0	0	N.D. d	N.D. d
8) l1	1016-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1016-1			0	0	N.D.	N.D.
Average	1016-1					0.000	0.000
9) l2	1260-1	0.000	0.000	0	0	N.D. d	N.D. d
10) l2	1260-2	0.000	0.000	0	0	N.D. d	N.D. d
11) l2	1260-3	0.000	0.000	0	0	N.D. d	N.D. d
12) l2	1260-4	0.000	0.000	0	0	N.D. d	N.D. d
13) l2	1260-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum	1260-1			0	0	N.D.	N.D.

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 2:07 pm
Operator : pest2:meo
Sample : L2426911-13,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:22 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
Average 1260-1					0.000	0.000
15) l3 1221-2	0.000	0.000	0	0	N.D. d	N.D. d
16) l3 1221-3	0.000	0.000	0	0	N.D. d	N.D. d
17) l3 1221-4	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1221-2			0	0	N.D.	N.D.
Average 1221-2					0.000	0.000
18) l4 1254-1	0.000	0.000	0	0	N.D. d	N.D. d
19) l4 1254-2	0.000	0.000	0	0	N.D. d	N.D. d
20) l4 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
21) l4 1254-4	0.000	0.000	0	0	N.D. d	N.D. d
22) l4 1254-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000
24) l6 1242-1	1.586	1.808	18653682	21485432	55.785M4	109.790M4
25) l6 1242-2	1.728	1.978	164.2E6	111.5E6	227.847M4	261.883M4
26) l6 1242-3	1.908	2.169	53933457	36177602	34.722M4	44.351M4
27) l6 1242-4	1.972	2.235	10204012	13225852	16.418M2	40.311M4
28) l6 1242-5	2.325	2.624	8544954	7544090	17.674M4	30.824M4
Sum 1242-1			255.6E6	189.9E6	352.445	487.159
Average 1242-1					70.489	97.432
29) l9 1268-1	0.000	0.000	0	0	N.D. d	N.D. d
30) l9 1268-2	0.000	0.000	0	0	N.D. d	N.D. d
31) l9 1268-3	0.000	0.000	0	0	N.D. d	N.D. d
32) l9 1268-4	0.000	0.000	0	0	N.D.	N.D.
33) l9 1268-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1268-1			0	0	N.D.	N.D.
Average 1268-1					0.000	0.000
35) l7 1248-1	0.000	0.000	0	0	N.D. d	N.D. d
36) l7 1248-2	0.000	0.000	0	0	N.D. d	N.D. d
37) l7 1248-3	0.000	0.000	0	0	N.D. d	N.D. d
38) l7 1248-4	0.000	0.000	0	0	N.D. d	N.D. d

Quantitation Report (QT Reviewed)

Data Path : I:\PCB\Pest2\2024\240520a\
Data File : P2240520a-31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2024 2:07 pm
Operator : pest2:meo
Sample : L2426911-13,42,,
Misc : WG1923271,WG1922988,ical21102
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: May 21 08:34:22 2024
Quant Method : I:\PCB\Pest2\2024\240520A\P2_pcb_05_06_24_LVI_ugL_ICAL21102.m
Quant Title : pcb
QLast Update : Wed May 08 09:27:21 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 :

CCAL FILE(s) : 1 - I:\PCB\Pest2\2024\240520a\P2240520a-02.D
Sub List : Default - All compounds listed

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
39) l7 1248-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1248-1			0	0	N.D.	N.D.
Average 1248-1					0.000	0.000
41) l5 1232-1	0.000	0.000	0	0	N.D. d	N.D. d
42) l5 1232-2	0.000	0.000	0	0	N.D. d	N.D. d
43) l5 1232-3	0.000	0.000	0	0	N.D. d	N.D. d
44) l5 1232-4	0.000	0.000	0	0	N.D. d	N.D. d
45) l5 1232-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1232-1			0	0	N.D.	N.D.
Average 1232-1					0.000	0.000
46) l8 1262-1	0.000	0.000	0	0	N.D. d	N.D. d
47) l8 1262-2	0.000	0.000	0	0	N.D. d	N.D. d
48) l8 1262-3	0.000	0.000	0	0	N.D. d	N.D. d
49) l8 1262-4	0.000	0.000	0	0	N.D. d	N.D. d
50) l8 1262-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000
SemiQuant Compounds - Not Calibrated on this Instrument						
Sum 1262-1			0	0	N.D.	N.D.
Average 1262-1					0.000	0.000

(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Initial Calibration Summary
Form 6
PCBs

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: PEST2**	**Ical Ref**	**: ICAL21102**
Calibration dates	**: 05/06/24 20:49 05/07/24 15:31**		

Calibration Files

1 =P2240506i-19.D 2 =P2240506i-08.D 3 =P2240506i-09.D 4 =P2240506i-06.D 5 =P2240506i-11.D

6 =P2240506i-12.D

		Compound	1	2	3	4	5	6	Avg	%RSD
1)	i	1660_1br2nb	----------ISTD----------							
2)	s	2,4,5,6-Tetra	1.008	1.224	1.205	1.670	1.335	1.423	1.311	17.16
3)	s	Decachlorobip	0.753	0.820	0.780	1.047	0.825	0.856	0.847	12.35
4)	l1	1016-1	0.020	0.023	0.022	0.027	0.021	0.021	0.022	11.84
5)	l1	1016-2	0.038	0.051	0.050	0.061	0.047	0.048	0.049	14.92
6)	l1	1016-3	0.079	0.098	0.096	0.128	0.101	0.105	0.101	15.70
7)	l1	1016-4	0.032	0.040	0.039	0.050	0.039	0.041	0.040	14.48
8)	l1	1016-5	0.039	0.044	0.042	0.055	0.043	0.045	0.045	11.78
9)	l2	1260-1	0.057	0.065	0.061	0.079	0.061	0.064	0.065	11.55
10)	l2	1260-2	0.081	0.096	0.095	0.120	0.094	0.098	0.097	12.77
11)	l2	1260-3	0.050	0.058	0.060	0.074	0.058	0.062	0.060	13.00
12)	l2	1260-4	0.105	0.125	0.123	0.162	0.128	0.134	0.130	14.38
13)	l2	1260-5	0.075	0.086	0.085	0.113	0.089	0.095	0.091	14.02
14)	i	2154_1br2nb	----------ISTD----------							
15)	l3	1221-2				0.015			0.015	0.00
16)	l3	1221-3				0.009			0.009	0.00
17)	l3	1221-4				0.035			0.035	0.00
18)	l4	1254-1				0.050			0.050	0.00
19)	l4	1254-2				0.090			0.090	0.00
20)	l4	1254-3				0.095			0.095	0.00
21)	l4	1254-4				0.067			0.067	0.00
22)	l4	1254-5				0.091			0.091	0.00
23)	i	4268_1br2nb	----------ISTD----------							
24)	l6	1242-1				0.019			0.019	0.00
25)	l6	1242-2				0.040			0.040	0.00
26)	l6	1242-3				0.087			0.087	0.00
27)	l6	1242-4				0.035			0.035	0.00
28)	l6	1242-5				0.027			0.027	0.00
29)	l9	1268-1				0.181			0.181	0.00
30)	l9	1268-2				0.167			0.167	0.00
31)	l9	1268-3				0.133			0.133	0.00
32)	l9	1268-4				0.058			0.058	0.00
33)	l9	1268-5				0.392			0.392	0.00
34)	i	1248_1br2nb	----------ISTD----------							
35)	l7	1248-1				0.057			0.057	0.00
36)	l7	1248-2				0.074			0.074	0.00

Initial Calibration Summary
Form 6
PCBs

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: PEST2**	**Ical Ref**	**: ICAL21102**
Calibration dates	**: 05/06/24 20:49 05/07/24 15:31**		

Calibration Files
1 =P2240506i-19.D 2 =P2240506i-08.D 3 =P2240506i-09.D 4 =P2240506i-06.D 5 =P2240506i-11.D
6 =P2240506i-12.D

	Compound	1	2	3	4	5	6	Avg	%RSD
37) l7	1248-3				0.065			0.065	0.00
38) l7	1248-4				0.058			0.058	0.00
39) l7	1248-5				0.050			0.050	0.00
40) i	3262_1br2nb				----------ISTD----------				
41) l5	1232-1				0.026			0.026	0.00
42) l5	1232-2				0.024			0.024	0.00
43) l5	1232-3				0.050			0.050	0.00
44) l5	1232-4				0.020			0.020	0.00
45) l5	1232-5				0.015			0.015	0.00
46) l8	1262-1				0.070			0.070	0.00
47) l8	1262-2				0.091			0.091	0.00
48) l8	1262-3				0.079			0.079	0.00
49) l8	1262-4				0.160			0.160	0.00
50) l8	1262-5				0.050			0.050	0.00

Initial Calibration Summary
Form 6
PCBs

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: PEST2**	**Ical Ref**	**: ICAL21102**
Calibration dates	**: 05/06/24 20:49 05/07/24 15:31**		

Signal #2 Calibration Files

1 =P2240506i-19.D 2 =P2240506i-08.D 3 =P2240506i-09.D 4 =P2240506i-06.D 5 =P2240506i-11.D

6 =P2240506i-12.D

		Compound	1	2	3	4	5	6	Avg	%RSD
1)	i	1660_1br2nb	ISTD							
2)	s	2,4,5,6-Tetra	1.039	1.239	1.160	1.535	1.192	1.225	1.232	13.40
3)	s	Decachlorobip	0.538	0.629	0.572	0.686	0.533	0.523	0.580	11.12
4)	l1	1016-1	0.019	0.023	0.021	0.026	0.019	0.019	0.021	12.94
5)	l1	1016-2	0.041	0.051	0.046	0.056	0.042	0.041	0.046	13.46
6)	l1	1016-3	0.086	0.097	0.088	0.112	0.086	0.085	0.092	11.65
7)	l1	1016-4	0.027	0.038	0.034	0.043	0.032	0.031	0.034	16.38
8)	l1	1016-5	0.025	0.030	0.030	0.036	0.026	0.026	0.029	13.37
9)	l2	1260-1	0.073	0.050	0.049	0.060	0.048	0.043	0.054	19.93
10)	l2	1260-2	0.066	0.063	0.062	0.071	0.057	0.051	0.062	11.13
11)	l2	1260-3	0.041	0.053	0.049	0.057	0.045	0.043	0.048	13.12
12)	l2	1260-4	0.087	0.104	0.094	0.116	0.090	0.087	0.096	11.93
13)	l2	1260-5	0.054	0.072	0.066	0.081	0.063	0.061	0.066	14.19
14)	i	2154_1br2nb	ISTD							
15)	l3	1221-2				0.015			0.015	0.00
16)	l3	1221-3				0.009			0.009	0.00
17)	l3	1221-4				0.034			0.034	0.00
18)	l4	1254-1				0.046			0.046	0.00
19)	l4	1254-2				0.052			0.052	0.00
20)	l4	1254-3				0.078			0.078	0.00
21)	l4	1254-4				0.048			0.048	0.00
22)	l4	1254-5				0.071			0.071	0.00
23)	i	4268_1br2nb	ISTD							
24)	l6	1242-1				0.017			0.017	0.00
25)	l6	1242-2				0.038			0.038	0.00
26)	l6	1242-3				0.073			0.073	0.00
27)	l6	1242-4				0.029			0.029	0.00
28)	l6	1242-5				0.022			0.022	0.00
29)	l9	1268-1				0.119			0.119	0.00
30)	l9	1268-2				0.110			0.110	0.00
31)	l9	1268-3				0.090			0.090	0.00
32)	l9	1268-4				0.039			0.039	0.00
33)	l9	1268-5				0.245			0.245	0.00
34)	i	1248_1br2nb	ISTD							
35)	l7	1248-1				0.052			0.052	0.00
36)	l7	1248-2				0.034			0.034	0.00

Initial Calibration Summary
Form 6
PCBs

Client	**: CHA Companies**	**Lab Number**	**: L2426911**
Project Name	**: FRIEDRICHSOHN 2024**	**Project Number**	**: 060017.000.0005000**
Instrument ID	**: PEST2**	**Ical Ref**	**: ICAL21102**
Calibration dates	**: 05/06/24 20:49 05/07/24 15:31**		

Signal #2 Calibration Files

1 =P2240506i-19.D 2 =P2240506i-08.D 3 =P2240506i-09.D 4 =P2240506i-06.D 5 =P2240506i-11.D

6 =P2240506i-12.D

	Compound	1	2	3	4	5	6	Avg	%RSD
37) l7	1248-3				0.043			0.043	0.00
38) l7	1248-4				0.048			0.048	0.00
39) l7	1248-5				0.054			0.054	0.00
40) i	3262_1br2nb				ISTD				
41) l5	1232-1				0.025			0.025	0.00
42) l5	1232-2				0.025			0.025	0.00
43) l5	1232-3				0.045			0.045	0.00
44) l5	1232-4				0.018			0.018	0.00
45) l5	1232-5				0.013			0.013	0.00
46) l8	1262-1				0.049			0.049	0.00
47) l8	1262-2				0.065			0.065	0.00
48) l8	1262-3				0.059			0.059	0.00
49) l8	1262-4				0.110			0.110	0.00
50) l8	1262-5				0.039			0.039	0.00

Calibration Verification Summary
Form 7
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: PEST2	**Calibration Date**	: 05/20/24 07:36
Lab File ID	: P2240520a-02	**Init. Calib. Date(s)**	: 05/06/24 05/07/24
Sample No	: WG1923271-1	**Init. Calib. Times**	: 20:49 15:31
Channel	: A		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb	1	1	-	0	20	108	0
2,4,5,6-Tetrachloro-m-xylen	1.311	1.454	-	-10.9	20	96	0
Decachlorobiphenyl	0.847	1.057	-	-24.8*	20	111	0
1016-1	0.022	0.022	-	0	20	90	0
1016-2	0.049	0.047	-	4.1	20	85	0
1016-3	0.101	0.103	-	-2	20	88	0
1016-4	0.04	0.04	-	0	20	88	0
1016-5	0.045	0.042	-	6.7	20	85	0
1260-1	0.065	0.06	-	7.7	20	84	0
1260-2	0.097	0.091	-	6.2	20	83	0
1260-3	0.06	0.055	-	8.3	20	81	0
1260-4	0.13	0.118	-	9.2	20	80	0
1260-5	0.091	0.083	-	8.8	20	80	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
PCBs

Client	: CHA Companies		**Lab Number**	: L2426911	
Project Name	: FRIEDRICHSOHN 2024		**Project Number**	: 060017.000.0005000	
Instrument ID	: PEST2		**Calibration Date**	: 05/20/24 07:36	
Lab File ID	: P2240520a-02		**Init. Calib. Date(s)**	: 05/06/24	05/07/24
Sample No	: WG1923271-1		**Init. Calib. Times**	: 20:49	15:31
Channel	: B				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb #2	1	1	-	0	20	95	0
2,4,5,6-Tetrachloro-m-xylen	1.232	1.251	-	-1.5	20	77	0
Decachlorobiphenyl #2	0.58	0.827	-	-42.6*	20	114	0
1016-1 #2	0.021	0.021	-	0	20	76	0
1016-2 #2	0.046	0.045	-	2.2	20	76	0
1016-3 #2	0.092	0.089	-	3.3	20	75	0
1016-4 #2	0.034	0.035	-	-2.9	20	77	0
1016-5 #2	0.029	0.029	-	0	20	76	0
1260-1 #2	0.054	0.048	-	11.1	20	75	0
1260-2 #2	0.062	0.062	-	0	20	83	0
1260-3 #2	0.048	0.05	-	-4.2	20	83	0
1260-4 #2	0.096	0.099	-	-3.1	20	81	0
1260-5 #2	0.066	0.068	-	-3	20	80	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: PEST2	**Calibration Date**	: 05/20/24 09:17
Lab File ID	: P2240520a-05	**Init. Calib. Date(s)**	: 05/06/24 05/07/24
Sample No	: WG1923271-4	**Init. Calib. Times**	: 20:49 15:31
Channel	: A		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb	1	1	-	0	20	121	0
2,4,5,6-Tetrachloro-m-xylen	1.311	1.178	-	10.1	20	87	0
Decachlorobiphenyl	0.847	1.196	-	-41.2*	20	140	0
2154_1br2nb	1	1	-	0	20	133	0
4268_1br2nb	1	1	-	0	20	135	0
1242-1	0.019	0.015	-	21.1*	20	111	0
1242-2	0.04	0.035	-	12.5	20	117	0
1242-3	0.087	0.072	-	17.2	20	113	0
1242-4	0.035	0.028	-	20	20	110	0
1242-5	0.027	0.024	-	11.1	20	120	0
1268-1	0.181	0.157	-	13.3	20	117	0
1268-2	0.167	0.14	-	16.2	20	113	0
1268-3	0.133	0.105	-	21.1*	20	106	0
1268-4	0.058	0.044	-	24.1*	20	101	0
1268-5	0.392	0.295	-	24.7*	20	101	0
1248_1br2nb	1	1	-	0	20	128	0
3262_1br2nb	1	1	-	0	20	134	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: PEST2	**Calibration Date**	: 05/20/24 09:17
Lab File ID	: P2240520a-05	**Init. Calib. Date(s)**	: 05/06/24 05/07/24
Sample No	: WG1923271-4	**Init. Calib. Times**	: 20:49 15:31
Channel	: B		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1660_1br2nb	1	1	-	0	20	97	0
2,4,5,6-Tetrachloro-m-xyl	1.232	1.148	-	6.8	20	72	0
Decachlorobiphenyl	0.58	1.05	-	-81*	20	148	0
2154_1br2nb	1	1	-	0	20	109	0
4268_1br2nb	1	1	-	0	20	108	0
1242-1	0.017	0.017	-	0	20	105	0
1242-2	0.038	0.037	-	2.6	20	106	0
1242-3	0.073	0.072	-	1.4	20	107	0
1242-4	0.029	0.029	-	0	20	107	0
1242-5	0.022	0.023	-	-4.5	20	114	0
1268-1	0.119	0.145	-	-21.8*	20	132	0
1268-2	0.11	0.131	-	-19.1	20	129	0
1268-3	0.09	0.099	-	-10	20	119	0
1268-4	0.039	0.043	-	-10.3	20	118	0
1268-5	0.245	0.264	-	-7.8	20	117	0
1248_1br2nb	1	1	-	0	20	104	0
3262_1br2nb	1	1	-	0	20	111	0

* Value outside of QC limits.

Identification Summary
Form 10
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: L2426911-05		
Client ID	: MW-103-20240515		
Date Analyzed (1)	: 05/20/24 12:52	**Date Analyzed (2)**	: 05/20/24 12:52
Instrument ID (1)	: PEST2	**Instrument ID (2)**	: PEST2
GC Column (1)	: CLP-Pesticide	**GC Column (2)**	: CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1242	1	1.59	1.53	1.63	277.		
	2	1.73	1.68	1.78	907.		
COLUMN 1	3	1.91	1.86	1.96	103.		
	4	1.97	1.92	2.02	14.7		
	5	2.32	2.27	2.37	7.7	1.87	
	1	1.81	1.75	1.85	318.		
	2	1.98	1.92	2.02	945.		
COLUMN 2	3	2.17	2.12	2.22	122.		
	4	2.23	2.19	2.29	99.9		
	5	2.62	2.57	2.67	23.6	2.15	14

Identification Summary
Form 10
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: L2426911-06		
Client ID	: MW-103B-20240515		
Date Analyzed (1)	: 05/20/24 13:01	**Date Analyzed (2)**	: 05/20/24 13:01
Instrument ID (1)	: PEST2	**Instrument ID (2)**	: PEST2
GC Column (1)	: CLP-Pesticide	**GC Column (2)**	: CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1242	1	1.59	1.53	1.63	27.		
	2	1.73	1.68	1.78	267.		
COLUMN 1	3	1.91	1.86	1.96	16.1		
	4	0.00	1.92	2.02	0.		
	5	2.32	2.27	2.37	5.7	0.565	
	1	1.81	1.75	1.85	49.5		
	2	1.98	1.92	2.02	276.		
COLUMN 2	3	2.17	2.12	2.22	20.4		
	4	2.23	2.19	2.29	36.4		
	5	2.62	2.57	2.67	17.2	0.571	1

Identification Summary
Form 10
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: L2426911-07		
Client ID	: MW-104-20240515		
Date Analyzed (1)	: 05/20/24 13:30	**Date Analyzed (2)**	: 05/20/24 13:30
Instrument ID (1)	: PEST2	**Instrument ID (2)**	: PEST2
GC Column (1)	: CLP-Pesticide	**GC Column (2)**	: CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1242	1	1.59	1.53	1.63	122.		
	2	1.73	1.68	1.78	307.		
COLUMN 1	3	1.91	1.86	1.96	54.1		
	4	1.97	1.92	2.02	39.3		
	5	2.33	2.27	2.37	25.8	0.782	
	1	1.81	1.75	1.85	166.		
	2	1.98	1.92	2.02	373.		
COLUMN 2	3	2.17	2.12	2.22	74.1		
	4	2.24	2.19	2.29	62.4		
	5	2.62	2.57	2.67	35.5	1.02	26

Identification Summary
Form 10
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: L2426911-12		
Client ID	: CHA-1-20240515		
Date Analyzed (1)	: 05/20/24 13:58	**Date Analyzed (2)**	: 05/20/24 13:58
Instrument ID (1)	: PEST2	**Instrument ID (2)**	: PEST2
GC Column (1)	: CLP-Pesticide	**GC Column (2)**	: CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1242	1	1.59	1.53	1.63	226.		
	2	1.73	1.68	1.78	761.		
COLUMN 1	3	1.91	1.86	1.96	97.1		
	4	1.96	1.92	2.02	44.7		
	5	2.32	2.27	2.37	7.41	1.62	
	1	1.81	1.75	1.85	257.		
	2	1.98	1.92	2.02	810		
COLUMN 2	3	2.17	2.12	2.22	106.		
	4	2.23	2.19	2.29	88.5		
	5	2.62	2.57	2.67	24.	1.84	13

Identification Summary
Form 10
PCBs

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab Sample ID	: L2426911-13		
Client ID	: WC-1-20240515		
Date Analyzed (1)	: 05/20/24 14:07	**Date Analyzed (2)**	: 05/20/24 14:07
Instrument ID (1)	: PEST2	**Instrument ID (2)**	: PEST2
GC Column (1)	: CLP-Pesticide	**GC Column (2)**	: CLP-PesticideII

Analyte	Peak	RT	RT Window From	RT Window To	Concentration	Mean Concentration	%RPD
AROCLOR 1242	1	1.59	1.53	1.63	55.8		
	2	1.73	1.68	1.78	228.		
COLUMN 1	3	1.91	1.86	1.96	34.7		
	4	1.97	1.92	2.02	16.4		
	5	2.32	2.27	2.37	17.7	0.503	
	1	1.81	1.75	1.85	110		
	2	1.98	1.92	2.02	262.		
COLUMN 2	3	2.17	2.12	2.22	44.4		
	4	2.23	2.19	2.29	40.3		
	5	2.62	2.57	2.67	30.8	0.696	32

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/19/24 13:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: WKP
Lab File ID	: WG1923073.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	3.25	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00253	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00369	0.00050	0.00016	
7440-39-3	Barium, Total	0.1284	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00018	0.00050	0.00010	J
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	28.2	0.100	0.0394	
7440-47-3	Chromium, Total	0.00800	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00326	0.00050	0.00016	
7440-50-8	Copper, Total	0.00913	0.00100	0.00038	
7439-89-6	Iron, Total	6.37	0.0500	0.0191	
7439-92-1	Lead, Total	0.00379	0.00100	0.00034	
7439-95-4	Magnesium, Total	5.52	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6360	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00778	0.00200	0.00055	
7440-09-7	Potassium, Total	5.92	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	31.3	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00673	0.00500	0.00157	
7440-66-6	Zinc, Total	2.720	0.01000	0.00341	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: WG1922789-1	Date Collected	: NA
Client ID	: WG1922789-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/19/24 14:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: WKP
Lab File ID	: WG1923073.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	0.00060	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.0306	0.100	0.0293	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: WG1922789-6	Date Collected	:
Client ID	: Serial Dilution	Date Received	:
Sample Location	:	Date Analyzed	: 05/19/24 13:39
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,6020B	Analyst	: WKP
Lab File ID	: WG1923073.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	3.33	0.0500	0.016	
7440-39-3	Barium, Total	0.1284	0.00250	0.0009	
7440-70-2	Calcium, Total	28.4	0.500	0.197	
7439-89-6	Iron, Total	6.88	0.250	0.096	
7439-95-4	Magnesium, Total	6.11	0.350	0.121	
7439-96-5	Manganese, Total	0.6942	0.00500	0.0022	
7440-09-7	Potassium, Total	6.55	0.500	0.154	
7440-23-5	Sodium, Total	31.7	0.500	0.146	
7440-66-6	Zinc, Total	2.991	0.05000	0.0171	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.596	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.157	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:02
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	2.88	0.0500	0.0191	

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Lab ID	: L2426911-04	**Date Collected**	: 05/14/24 09:10
Client ID	: MW-102B-20240514	**Date Received**	: 05/15/24
Sample Location	: WATERFORD NY	**Date Analyzed**	: 05/20/24 09:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: EJF
Lab File ID	: WG1923187.csv	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 05/19/24

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-89-6	Iron, Dissolved	0.125	0.0500	0.0191	

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	1.98	0.0500	0.0191	

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:06
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.0420	0.0500	0.0191	J

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:51
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	3.49	0.0500	0.0191	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 09:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	0.0510	0.0500	0.0191	

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 10:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 10:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	2.02	0.0500	0.0191	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 10:09
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	19.6	0.0500	0.0191	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: WG1923124-1	Date Collected	: NA
Client ID	: WG1923124-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/20/24 08:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1923187.csv	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/19/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-89-6	Iron, Dissolved	ND	0.0500	0.0191	U

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:33
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	15.8	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00097	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00484	0.00050	0.00016	
7440-39-3	Barium, Total	0.1096	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00048	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00018	0.00020	0.00005	J
7440-70-2	Calcium, Total	223.	0.100	0.0394	
7440-47-3	Chromium, Total	0.01049	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00906	0.00050	0.00016	
7440-50-8	Copper, Total	0.01642	0.00100	0.00038	
7439-89-6	Iron, Total	30.1	0.0500	0.0191	
7439-92-1	Lead, Total	0.00546	0.00100	0.00034	
7440-02-0	Nickel, Total	0.01596	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.01374	0.00500	0.00157	
7440-66-6	Zinc, Total	0.03491	0.01000	0.00341	

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:38
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	1.48	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00069	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00496	0.00050	0.00016	
7440-39-3	Barium, Total	1.695	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-47-3	Chromium, Total	0.00265	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00301	0.00050	0.00016	
7440-50-8	Copper, Total	0.00533	0.00100	0.00038	
7439-89-6	Iron, Total	3.76	0.0500	0.0191	
7439-92-1	Lead, Total	0.00139	0.00100	0.00034	
7439-96-5	Manganese, Total	1.095	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00912	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00202	0.00500	0.00157	J
7440-66-6	Zinc, Total	0.00812	0.01000	0.00341	J

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:42
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	1.64	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00182	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.02930	0.00050	0.00016	
7440-39-3	Barium, Total	0.04700	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00024	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00018	0.00020	0.00005	J
7440-70-2	Calcium, Total	108.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00905	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00228	0.00050	0.00016	
7440-50-8	Copper, Total	0.01990	0.00100	0.00038	
7439-89-6	Iron, Total	92.5	0.0500	0.0191	
7439-92-1	Lead, Total	0.01125	0.00100	0.00034	
7439-96-5	Manganese, Total	1.488	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00370	0.00200	0.00055	
7782-49-2	Selenium, Total	0.00906	0.00500	0.00173	
7440-22-4	Silver, Total	0.00020	0.00040	0.00016	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.01718	0.00500	0.00157	
7440-66-6	Zinc, Total	0.1011	0.01000	0.00341	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0799	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00037	0.00050	0.00016	J
7440-39-3	Barium, Total	1.162	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	89.0	0.100	0.0394	
7440-47-3	Chromium, Total	0.00079	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00059	0.00100	0.00038	J
7439-89-6	Iron, Total	0.377	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-96-5	Manganese, Total	0.5156	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00297	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.03572	0.01000	0.00341	

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:52
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0721	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00639	0.00050	0.00016	
7440-39-3	Barium, Total	0.09373	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	59.2	0.100	0.0394	
7440-47-3	Chromium, Total	0.00101	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00023	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00070	0.00100	0.00038	J
7439-89-6	Iron, Total	2.30	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-96-5	Manganese, Total	4.611	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00076	0.00200	0.00055	J
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 19:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: MRC
Lab File ID	: WG1924200.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	2.59	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00469	0.00050	0.00016	
7440-39-3	Barium, Total	0.1044	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00015	0.00050	0.00010	J
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	45.5	0.100	0.0394	
7440-47-3	Chromium, Total	0.00497	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00202	0.00050	0.00016	
7440-50-8	Copper, Total	0.00818	0.00100	0.00038	
7439-89-6	Iron, Total	11.4	0.0500	0.0191	
7439-92-1	Lead, Total	0.00492	0.00100	0.00034	
7439-96-5	Manganese, Total	3.788	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00510	0.00200	0.00055	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	0.00514	0.00500	0.00157	
7440-66-6	Zinc, Total	0.01233	0.01000	0.00341	

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:05
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	20.5	0.700	0.242	
7439-96-5	Manganese, Total	8.431	0.01000	0.00440	
7440-09-7	Potassium, Total	8.79	1.00	0.309	
7440-23-5	Sodium, Total	104.	1.00	0.293	

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Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:09
Sample Matrix	: WATER	Dilution Factor	: 10
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-70-2	Calcium, Total	13.0	1.00	0.394	
7439-95-4	Magnesium, Total	5.38	0.700	0.242	
7440-09-7	Potassium, Total	8.01	1.00	0.309	
7440-23-5	Sodium, Total	262.	1.00	0.293	

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METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:14
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	9.76	0.0700	0.0242	
7440-09-7	Potassium, Total	2.49	0.100	0.0309	
7440-23-5	Sodium, Total	18.2	0.100	0.0293	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	21.3	0.0700	0.0242	
7440-09-7	Potassium, Total	10.1	0.100	0.0309	
7440-23-5	Sodium, Total	112.	0.100	0.0293	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:23
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	10.2	0.0700	0.0242	
7440-09-7	Potassium, Total	2.45	0.100	0.0309	
7440-23-5	Sodium, Total	84.3	0.100	0.0293	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-95-4	Magnesium, Total	9.93	0.0700	0.0242	
7440-09-7	Potassium, Total	2.36	0.100	0.0309	
7440-23-5	Sodium, Total	82.0	0.100	0.0293	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.0554	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00239	0.00050	0.00016	
7440-39-3	Barium, Total	0.3573	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00028	0.00020	0.00005	
7440-70-2	Calcium, Total	84.8	0.100	0.0394	
7440-47-3	Chromium, Total	0.00112	0.00100	0.00017	
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00959	0.00100	0.00038	
7439-89-6	Iron, Total	0.426	0.0500	0.0191	
7439-92-1	Lead, Total	0.00062	0.00100	0.00034	J
7439-95-4	Magnesium, Total	30.7	0.0700	0.0242	
7439-96-5	Manganese, Total	0.6479	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00395	0.00200	0.00055	
7440-09-7	Potassium, Total	9.75	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	127.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00580	0.01000	0.00341	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	22.8	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00096	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.01302	0.00050	0.00016	
7440-39-3	Barium, Total	0.4058	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00242	0.00050	0.00010	
7440-43-9	Cadmium, Total	0.00771	0.00020	0.00005	
7440-70-2	Calcium, Total	48.3	0.100	0.0394	
7440-47-3	Chromium, Total	0.05830	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.03596	0.00050	0.00016	
7440-50-8	Copper, Total	0.1182	0.00100	0.00038	
7439-89-6	Iron, Total	48.5	0.0500	0.0191	
7439-92-1	Lead, Total	0.3705	0.00100	0.00034	
7439-95-4	Magnesium, Total	18.9	0.0700	0.0242	
7439-96-5	Manganese, Total	3.034	0.00100	0.00044	
7440-02-0	Nickel, Total	0.05864	0.00200	0.00055	
7440-09-7	Potassium, Total	6.31	0.100	0.0309	
7782-49-2	Selenium, Total	0.0144	0.00500	0.00173	
7440-22-4	Silver, Total	0.00266	0.00040	0.00016	
7440-23-5	Sodium, Total	178.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00064	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.04013	0.00500	0.00157	
7440-66-6	Zinc, Total	0.4749	0.01000	0.00341	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	0.116	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00647	0.00050	0.00016	
7440-39-3	Barium, Total	0.1233	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	50.6	0.100	0.0394	
7440-47-3	Chromium, Total	0.00107	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00029	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00064	0.00100	0.00038	J
7439-89-6	Iron, Total	2.45	0.0500	0.0191	
7439-92-1	Lead, Total	0.00046	0.00100	0.00034	J
7439-95-4	Magnesium, Total	10.1	0.0700	0.0242	
7439-96-5	Manganese, Total	3.501	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00063	0.00200	0.00055	J
7440-09-7	Potassium, Total	2.41	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	82.8	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/23/24 06:45
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: EJF
Lab File ID	: WG1924744.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	7.48	0.0100	0.00327	
7440-36-0	Antimony, Total	0.00108	0.00400	0.00042	J
7440-38-2	Arsenic, Total	0.00986	0.00050	0.00016	
7440-39-3	Barium, Total	0.6443	0.00050	0.00017	
7440-41-7	Beryllium, Total	0.00039	0.00050	0.00010	J
7440-43-9	Cadmium, Total	0.00022	0.00020	0.00005	
7440-70-2	Calcium, Total	55.5	0.100	0.0394	
7440-47-3	Chromium, Total	0.01386	0.00100	0.00017	
7440-48-4	Cobalt, Total	0.00985	0.00050	0.00016	
7440-50-8	Copper, Total	0.02941	0.00100	0.00038	
7439-89-6	Iron, Total	22.5	0.0500	0.0191	
7439-92-1	Lead, Total	0.02300	0.00100	0.00034	
7439-95-4	Magnesium, Total	15.9	0.0700	0.0242	
7439-96-5	Manganese, Total	3.356	0.00100	0.00044	
7440-02-0	Nickel, Total	0.01849	0.00200	0.00055	
7440-09-7	Potassium, Total	6.97	0.100	0.0309	
7782-49-2	Selenium, Total	0.00312	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	116.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00015	0.00100	0.00014	J
7440-62-2	Vanadium, Total	0.01472	0.00500	0.00157	
7440-66-6	Zinc, Total	0.3241	0.01000	0.00341	

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1830477-1			R1830477-4			R1830477-6		R1830477-8	
Date Analyzed :	05/19/24 11:09			05/19/24 11:35			05/19/24 12:45		05/19/24 12:57	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum	50.0	50.0000	100	60.0000	58.9	98	73.3	122	64.2	107
Antimony	50.0	53.6000	107	60.0000	60.4	101	62.0	103	61.9	103
Arsenic	50.0	54.4000	109	60.0000	61.2	102	61.0	102	60.6	101
Barium	50.0	52.7000	105	60.0000	60.8	101	63.2	105	61.5	102
Beryllium	50.0	51.5000	103	60.0000	60.6	101	58.3	97	59.0	98
Cadmium	50.0	52.6000	105	60.0000	60.8	101	60.3	100	60.2	100
Calcium	5000	5330.0000	107	6000.0000	5980	100	6340	106	6120	102
Chromium	50.0	51.9000	104	60.0000	56.6	94	57.9	96	58.8	98
Cobalt	50.0	55.0000	110	60.0000	59.6	99	58.6	98	59.8	100
Copper	50.0	52.5000	105	60.0000	61.9	103	59.5	99	60.6	101
Iron	5000	5260.0000	105	6000.0000	5910	98	5760	96	5770	96
Lead	50.0	52.2000	104	60.0000	61.4	102	59.3	99	61.5	102
Magnesium	5000	5080.0000	102	6000.0000	5800	97	6020	100	5930	99
Manganese	50.0	52.8000	106	60.0000	58.4	97	60.3	100	59.7	100
Nickel	50.0	52.4000	105	60.0000	61.5	102	59.6	99	60.3	100
Potassium	5000	4990.0000	100	6000.0000	5680	95	6040	101	5860	98
Selenium	50.0	53.4000	107	60.0000	60.5	101	63.2	105	60.4	101
Silver	50.0	51.6000	103	60.0000	60.5	101	59.6	99	59.8	100
Sodium	5000	5090.0000	102	6000.0000	5900	98	5980	100	5990	100
Thallium	50.0	51.0000	102	60.0000	60.9	102	58.7	98	61.1	102
Vanadium	50.0	52.2000	104	60.0000	55.7	93	58.9	98	59.2	99
Zinc	50.0	54.8000	110	60.0000	61.8	103	60.8	101	60.8	101

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1830477-10			R1830477-13			
Date Analyzed :				05/19/24 13:57			05/19/24 15:02			
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum				60.0000	59.6	99	61.3	102		
Antimony				60.0000	62.0	103	63.0	105		
Arsenic				60.0000	61.6	103	62.2	104		
Barium				60.0000	62.6	104	62.8	105		
Beryllium				60.0000	59.2	99	59.2	99		
Cadmium				60.0000	60.6	101	61.0	102		
Calcium				6000.0000	5950	99	6120	102		
Chromium				60.0000	55.1	92	54.2	90		
Cobalt				60.0000	60.7	101	61.2	102		
Copper				60.0000	62.0	103	62.7	104		
Iron				6000.0000	5830	97	5910	98		
Lead				60.0000	61.1	102	61.8	103		
Magnesium				6000.0000	5870	98	6000	100		
Manganese				60.0000	58.3	97	58.3	97		
Nickel				60.0000	61.1	102	62.2	104		
Potassium				6000.0000	5760	96	5970	100		
Selenium				60.0000	61.8	103	61.9	103		
Silver				60.0000	59.9	100	60.5	101		
Sodium				6000.0000	5980	100	6160	103		
Thallium				60.0000	60.4	101	59.8	100		
Vanadium				60.0000	55.4	92	53.7	90		
Zinc				60.0000	61.2	102	61.7	103		

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1830618-1			R1830618-5			R1830618-7		R1830618-9	
Date Analyzed :	05/20/24 06:23			05/20/24 06:59			05/20/24 07:10		05/20/24 08:04	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Iron	5000	4830.0000	97	6000.0000	6070	101	5680	95	5560	93

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1830618-11			R1830618-14		R1830618-16	
Date Analyzed :				05/20/24 08:28			05/20/24 09:29		05/20/24 10:29	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Iron				6000.0000	5780	96	5740	96	5730	96

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1831581-1			R1831581-4			R1831581-6		R1831581-9	
Date Analyzed :	05/22/24 05:40			05/22/24 06:10			05/22/24 07:12		05/22/24 08:13	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum	50.0	49.2000	98	60.0000	61.2	102	61.0	102	62.4	104
Antimony	50.0	50.8000	102	60.0000	61.5	102	59.3	99	63.1	105
Arsenic	50.0	51.9000	104	60.0000	61.2	102	62.2	104	64.2	107
Barium	50.0	50.7000	101	60.0000	61.3	102	60.0	100	61.8	103
Beryllium	50.0	51.1000	102	60.0000	62.9	105	64.1	107	67.6	113
Cadmium	50.0	51.3000	103	60.0000	62.0	103	60.0	100	62.2	104
Calcium	5000	5090.0000	102	6000.0000	6250	104	6310	105	6220	104
Chromium	50.0	51.4000	103	60.0000	59.8	100	60.7	101	59.4	99
Cobalt	50.0	53.8000	108	60.0000	63.0	105	64.1	107	65.6	109
Copper	50.0	52.8000	106	60.0000	62.4	104	63.4	106	64.7	108
Iron	5000	5200.0000	104	6000.0000	6060	101	6210	104	6360	106
Lead	50.0	52.3000	105	60.0000	62.6	104	61.7	103	64.0	107
Manganese	50.0	50.7000	101	60.0000	59.6	99	59.4	99	59.8	100
Nickel	50.0	52.6000	105	60.0000	61.6	103	62.9	105	64.4	107
Selenium	50.0	50.7000	101	60.0000	61.8	103	60.4	101	61.6	103
Silver	50.0	50.8000	102	60.0000	61.7	103	59.9	100	62.3	104
Thallium	50.0	51.3000	103	60.0000	61.0	102	60.1	100	62.7	104
Vanadium	50.0	51.2000	102	60.0000	59.1	98	60.9	102	59.3	99
Zinc	50.0	53.4000	107	60.0000	61.9	103	62.8	105	64.6	108

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1831581-11			R1831581-13		R1831581-15	
Date Analyzed :				05/22/24 08:24			05/22/24 09:19		05/22/24 10:17	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum				60.0000	61.3	102	62.8	105	65.1	108
Antimony				60.0000	62.4	104	60.4	101	64.0	107
Arsenic				60.0000	62.8	105	62.8	105	64.4	107
Barium				60.0000	61.2	102	62.1	104	65.2	109
Beryllium				60.0000	66.0	110	65.0	108	65.5	109
Cadmium				60.0000	63.3	106	61.1	102	65.4	109
Calcium				6000.0000	6200	103	6340	106	6530	109
Chromium				60.0000	59.5	99	59.3	99	59.9	100
Cobalt				60.0000	66.0	110	65.2	109	68.1	114
Copper				60.0000	65.2	109	64.2	107	67.4	112
Iron				6000.0000	6270	104	6270	104	6410	107
Lead				60.0000	64.5	108	61.9	103	64.4	107
Manganese				60.0000	59.1	98	60.0	100	61.1	102
Nickel				60.0000	64.9	108	63.9	106	66.9	112
Selenium				60.0000	61.4	102	63.2	105	63.8	106
Silver				60.0000	63.2	105	61.6	103	65.0	108
Thallium				60.0000	63.8	106	60.3	100	63.2	105
Vanadium				60.0000	59.0	98	58.9	98	59.7	100
Zinc				60.0000	63.8	106	63.4	106	65.4	109

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1831581-17						
Date Analyzed :				05/22/24 10:36						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum				60.0000	67.0	112				
Antimony				60.0000	61.7	103				
Arsenic				60.0000	65.9	110				
Barium				60.0000	64.3	107				
Beryllium				60.0000	66.2	110				
Cadmium				60.0000	64.3	107				
Calcium				6000.0000	6910	115				
Chromium				60.0000	62.8	105				
Cobalt				60.0000	68.3	114				
Copper				60.0000	65.8	110				
Iron				6000.0000	6520	109				
Lead				60.0000	62.6	104				
Manganese				60.0000	63.6	106				
Nickel				60.0000	66.2	110				
Selenium				60.0000	66.0	110				
Silver				60.0000	63.8	106				
Thallium				60.0000	62.8	105				
Vanadium				60.0000	62.8	105				
Zinc				60.0000	66.0	110				

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1831581-19			R1831581-22			R1831581-24		R1831581-26	
Date Analyzed :	05/22/24 15:58			05/22/24 16:24			05/22/24 17:22		05/22/24 18:27	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum	50.0	50.6000	101	60.0000	58.8	98	62.1	104	61.5	102
Antimony	50.0	51.1000	102	60.0000	59.5	99	59.3	99	60.4	101
Arsenic	50.0	51.8000	104	60.0000	60.8	101	60.8	101	60.7	101
Barium	50.0	51.0000	102	60.0000	60.6	101	61.3	102	61.8	103
Beryllium	50.0	50.3000	101	60.0000	60.3	100	60.9	102	60.6	101
Cadmium	50.0	51.7000	103	60.0000	61.0	102	60.3	100	61.0	102
Calcium	5000	5170.0000	103	6000.0000	5890	98	6010	100	6000	100
Chromium	50.0	51.0000	102	60.0000	58.9	98	57.3	96	57.7	96
Cobalt	50.0	52.2000	104	60.0000	61.7	103	60.7	101	60.8	101
Copper	50.0	51.5000	103	60.0000	61.4	102	60.3	100	60.4	101
Iron	5000	5190.0000	104	6000.0000	5990	100	5920	99	6030	100
Lead	50.0	47.9000	96	60.0000	61.0	102	58.7	98	58.8	98
Manganese	50.0	51.2000	102	60.0000	59.2	99	59.6	99	59.7	100
Nickel	50.0	51.8000	104	60.0000	61.5	102	59.5	99	59.7	100
Selenium	50.0	52.2000	104	60.0000	60.3	100	61.8	103	62.0	103
Silver	50.0	50.6000	101	60.0000	61.0	102	59.7	100	61.2	102
Thallium	50.0	48.4000	97	60.0000	61.0	102	58.8	98	58.8	98
Vanadium	50.0	51.1000	102	60.0000	58.3	97	57.7	96	58.3	97
Zinc	50.0	52.8000	106	60.0000	61.5	102	60.6	101	61.1	102

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1831581-28			R1831581-30			
Date Analyzed :				05/22/24 18:56			05/22/24 20:01			
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum				60.0000	59.3	99	60.4	101		
Antimony				60.0000	58.8	98	56.6	94		
Arsenic				60.0000	60.6	101	60.2	100		
Barium				60.0000	59.2	99	59.6	99		
Beryllium				60.0000	58.6	98	60.0	100		
Cadmium				60.0000	59.3	99	55.8	93		
Calcium				6000.0000	5860	98	5870	98		
Chromium				60.0000	58.7	98	56.2	94		
Cobalt				60.0000	61.5	102	60.4	101		
Copper				60.0000	61.1	102	60.3	100		
Iron				6000.0000	6520	109	5730	96		
Lead				60.0000	58.6	98	64.8	108		
Manganese				60.0000	59.0	98	58.2	97		
Nickel				60.0000	60.4	101	59.7	100		
Selenium				60.0000	60.2	100	60.0	100		
Silver				60.0000	60.9	102	65.0	108		
Thallium				60.0000	59.6	99	61.7	103		
Vanadium				60.0000	58.7	98	56.3	94		
Zinc				60.0000	61.1	102	60.2	100		

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1832102-1			R1832102-5			R1832102-7			
Date Analyzed :	05/23/24 05:08			05/23/24 05:39			05/23/24 06:50			
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum	50.0	47.0000	94	60.0000	61.4	102	63.4	106		
Antimony	50.0	50.0000	100	60.0000	64.0	107	65.1	108		
Arsenic	50.0	48.9000	98	60.0000	61.7	103	62.4	104		
Barium	50.0	48.7000	97	60.0000	62.9	105	64.0	107		
Beryllium	50.0	49.4000	99	60.0000	60.9	102	58.0	97		
Cadmium	50.0	49.7000	99	60.0000	63.1	105	64.0	107		
Calcium	5000	5000.0000	100	6000.0000	6140	102	6330	106		
Chromium	50.0	49.7000	99	60.0000	61.7	103	64.2	107		
Cobalt	50.0	49.2000	98	60.0000	62.1	104	64.6	108		
Copper	50.0	48.2000	96	60.0000	61.7	103	64.2	107		
Iron	5000	4890.0000	98	6000.0000	6150	102	6460	108		
Lead	50.0	49.0000	98	60.0000	62.0	103	62.8	105		
Magnesium	5000	4950.0000	99	6000.0000	6210	104	6490	108		
Manganese	50.0	49.4000	99	60.0000	62.0	103	64.7	108		
Nickel	50.0	49.5000	99	60.0000	62.4	104	64.7	108		
Potassium	5000	4840.0000	97	6000.0000	6070	101	6320	105		
Selenium	50.0	48.8000	98	60.0000	61.5	102	61.3	102		
Silver	50.0	47.6000	95	60.0000	61.9	103	63.8	106		
Sodium	5000	4720.0000	94	6000.0000	5980	100	6390	106		
Thallium	50.0	45.3000	91	60.0000	57.9	96	60.8	101		
Vanadium	50.0	50.0000	100	60.0000	61.2	102	61.4	102		
Zinc	50.0	49.8000	100	60.0000	61.3	102	63.0	105		

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1830477-2		R1830477-5		R1830477-7		R1830477-9		WG1922789-1	
Date Analyzed :	05/19/24 11:13		05/19/24 11:40		05/19/24 12:50		05/19/24 13:02		05/19/24 14:08	
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	mg/l	Q
Aluminum	3.27	U	3.27	U	3.27	U	3.27	U	0.00327	U
Antimony	0.429	U	0.429	U	0.429	U	0.429	U	0.00042	U
Arsenic	0.165	U	0.165	U	0.165	U	0.165	U	0.00016	U
Barium	0.173	U	0.173	U	0.173	U	0.173	U	0.00017	U
Beryllium	0.107	U	0.107	U	0.107	U	0.107	U	0.00010	U
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U	0.00005	U
Calcium	39.4	U	39.4	U	39.4	U	39.4	U	0.0394	U
Chromium	0.178	U	0.178	U	0.178	U	0.178	U	0.00060	J
Cobalt	0.163	U	0.163	U	0.163	U	0.163	U	0.00016	U
Copper	0.384	U	0.384	U	0.384	U	0.384	U	0.00038	U
Iron	19.1	U	19.1	U	19.1	U	19.1	U	0.0191	U
Lead	0.343	U	0.362	J	0.343	U	0.343	U	0.00034	U
Magnesium	24.2	U	24.2	U	24.2	U	24.2	U	0.0242	U
Manganese	0.440	U	0.440	U	0.440	U	0.440	U	0.00044	U
Nickel	0.556	U	0.556	U	0.556	U	0.556	U	0.00055	U
Potassium	30.9	U	30.9	U	30.9	U	30.9	U	0.0309	U
Selenium	1.73	U	1.73	U	1.73	U	1.73	U	0.00173	U
Silver	0.163	U	0.163	U	0.163	U	0.163	U	0.00016	U
Sodium	29.3	U	29.3	U	29.3	U	29.3	U	0.0306	J
Thallium	0.291	J	0.279	J	0.284	J	0.313	J	0.00014	U
Vanadium	1.57	U	1.57	U	1.57	U	1.57	U	0.00157	U
Zinc	3.41	U	3.41	U	3.41	U	3.41	U	0.00341	U

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank		
Lab ID :			R1830477-11		R1830477-14				
Date Analyzed :			05/19/24 14:02		05/19/24 15:07				
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	Q
Aluminum			3.27	U	3.27	U			
Antimony			0.429	U	0.429	U			
Arsenic			0.165	U	0.165	U			
Barium			0.173	U	0.173	U			
Beryllium			0.107	U	0.107	U			
Cadmium			0.0599	U	0.0599	U			
Calcium			39.4	U	39.4	U			
Chromium			0.178	U	0.178	U			
Cobalt			0.163	U	0.163	U			
Copper			0.384	U	0.384	U			
Iron			19.1	U	19.1	U			
Lead			0.343	U	0.343	U			
Magnesium			24.2	U	24.2	U			
Manganese			0.440	U	0.440	U			
Nickel			0.556	U	0.556	U			
Potassium			30.9	U	30.9	U			
Selenium			1.73	U	1.73	U			
Silver			0.163	U	0.163	U			
Sodium			39.5	J	29.3	U			
Thallium			0.287	J	0.312	J			
Vanadium			1.57	U	1.57	U			
Zinc			3.41	U	3.41	U			

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ2		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1830618-2		R1830618-6		R1830618-8		R1830618-10		WG1923124-1	
Date Analyzed	:	05/20/24 06:27		05/20/24 07:04		05/20/24 07:15		05/20/24 08:09		05/20/24 08:44	
Parameter		ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	mg/l	Q
Iron		19.1	U	19.1	U	19.1	U	19.1	U	0.0191	U

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1830618-3		R1830618-12		R1830618-15		R1830618-17			
Date Analyzed :	05/20/24 06:35		05/20/24 08:32		05/20/24 09:33		05/20/24 10:33			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Iron	19.1	U	19.1	U	19.1	U	19.1	U		

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1831581-2		R1831581-5		R1831581-7		R1831581-10			
Date Analyzed :	05/22/24 05:45		05/22/24 06:14		05/22/24 07:17		05/22/24 08:18			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum	3.27	U	3.27	U	3.27	U	3.27	U		
Antimony	0.429	U	0.429	U	0.429	U	0.624	J		
Arsenic	0.165	U	0.190	J	0.165	U	0.165	U		
Barium	0.173	U	0.173	U	0.173	U	0.173	U		
Beryllium	0.107	U	0.107	U	0.107	U	0.107	U		
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U		
Calcium	39.4	U	39.4	U	39.4	U	39.4	U		
Chromium	0.178	U	0.178	U	0.178	U	0.178	U		
Cobalt	0.163	U	0.163	U	0.163	U	0.163	U		
Copper	0.384	U	0.384	U	0.384	U	0.384	U		
Iron	19.1	U	19.1	U	19.1	U	19.1	U		
Lead	0.343	U	0.343	U	0.343	U	0.343	U		
Manganese	0.440	U	0.440	U	0.440	U	0.440	U		
Nickel	0.556	U	0.556	U	0.556	U	0.556	U		
Selenium	1.73	U	1.73	U	1.73	U	1.73	U		
Silver	0.163	U	0.163	U	0.163	U	0.163	U		
Thallium	0.370	J	0.346	J	0.346	J	0.361	J		
Vanadium	1.57	U	1.57	U	1.57	U	1.57	U		
Zinc	3.41	U	3.41	U	3.41	U	3.41	U		

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1831581-20		R1831581-12		R1831581-14		R1831581-16			
Date Analyzed :	05/22/24 16:02		05/22/24 08:29		05/22/24 09:24		05/22/24 10:23			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum	3.27	U	3.27	U	3.27	U	3.27	U		
Antimony	0.429	U	0.429	U	0.429	U	0.429	U		
Arsenic	0.165	U	0.165	U	0.165	U	0.165	U		
Barium	0.173	U	0.173	U	0.173	U	0.173	U		
Beryllium	0.107	U	0.107	U	0.107	U	0.107	U		
Cadmium	0.0599	U	0.0599	U	0.0599	U	0.0599	U		
Calcium	39.4	U	39.4	U	39.4	U	39.4	U		
Chromium	0.178	U	0.178	U	0.178	U	0.178	U		
Cobalt	0.163	U	0.163	U	0.163	U	0.163	U		
Copper	0.384	U	0.384	U	0.384	U	0.384	U		
Iron	19.1	U	19.1	U	19.1	U	19.1	U		
Lead	0.343	U	0.343	U	0.343	U	0.343	U		
Manganese	0.440	U	0.440	U	0.440	U	0.440	U		
Nickel	0.556	U	0.556	U	0.556	U	0.556	U		
Selenium	1.73	U	1.73	U	1.73	U	1.73	U		
Silver	0.163	U	0.163	U	0.163	U	0.163	U		
Thallium	0.258	J	0.363	J	0.356	J	0.188	J		
Vanadium	1.57	U	1.57	U	1.57	U	1.57	U		
Zinc	3.41	U	3.41	U	3.41	U	3.41	U		

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1831581-18		R1831581-23		R1831581-25			
Date Analyzed :			05/22/24 10:43		05/22/24 16:29		05/22/24 17:26			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum			3.27	U	3.27	U	3.27	U		
Antimony			0.429	U	0.429	U	0.429	U		
Arsenic			0.165	U	0.165	U	0.165	U		
Barium			0.173	U	0.173	U	0.173	U		
Beryllium			0.107	U	0.107	U	0.107	U		
Cadmium			0.0599	U	0.0599	U	0.0599	U		
Calcium			39.4	U	39.4	U	39.4	U		
Chromium			0.178	U	0.178	U	0.178	U		
Cobalt			0.163	U	0.163	U	0.163	U		
Copper			0.384	U	0.384	U	0.384	U		
Iron			19.1	U	19.1	U	19.1	U		
Lead			0.343	U	0.357	J	0.343	U		
Manganese			0.440	U	0.440	U	0.440	U		
Nickel			0.556	U	0.556	U	0.556	U		
Selenium			1.73	U	1.73	U	1.73	U		
Silver			0.163	U	0.163	U	0.163	U		
Thallium			0.240	J	0.231	J	0.200	J		
Vanadium			1.57	U	1.57	U	1.57	U		
Zinc			3.41	U	3.41	U	3.41	U		

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1831581-27		R1831581-29		R1831581-31			
Date Analyzed :			05/22/24 18:32		05/22/24 19:01		05/22/24 20:06			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum			3.27	U	3.27	U	3.27	U		
Antimony			0.429	U	0.429	U	0.429	U		
Arsenic			0.165	U	0.165	U	0.165	U		
Barium			0.173	U	0.173	U	0.173	U		
Beryllium			0.107	U	0.107	U	0.107	U		
Cadmium			0.0599	U	0.0599	U	0.0599	U		
Calcium			39.4	U	39.4	U	39.4	U		
Chromium			0.178	U	0.178	U	0.178	U		
Cobalt			0.163	U	0.163	U	0.163	U		
Copper			0.384	U	0.384	U	0.384	U		
Iron			19.1	U	19.1	U	19.1	U		
Lead			0.343	U	0.343	U	0.343	U		
Manganese			0.440	U	0.440	U	0.440	U		
Nickel			0.556	U	0.556	U	0.556	U		
Selenium			1.73	U	1.73	U	1.73	U		
Silver			0.163	U	0.163	U	0.163	U		
Thallium			0.264	J	0.212	J	0.200	J		
Vanadium			1.57	U	1.57	U	1.57	U		
Zinc			3.41	U	3.41	U	3.41	U		

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ2		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1832102-2		R1832102-6		R1832102-8					
Date Analyzed	:	05/23/24 05:13		05/23/24 05:44		05/23/24 06:54					
Parameter		ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum		3.27	U	3.27	U	3.27	U				
Antimony		0.429	U	0.429	U	0.429	U				
Arsenic		0.165	U	0.452	J	0.165	U				
Barium		0.173	U	0.479	J	0.173	U				
Beryllium		0.107	U	0.107	U	0.107	U				
Cadmium		0.0599	U	0.0599	U	0.0599	U				
Calcium		39.4	U	39.4	U	39.4	U				
Chromium		0.178	U	0.178	U	0.178	U				
Cobalt		0.163	U	0.163	U	0.163	U				
Copper		0.384	U	0.399	J	0.384	U				
Iron		19.1	U	19.1	U	19.1	U				
Lead		0.343	U	0.613	J	0.343	U				
Magnesium		24.2	U	24.2	U	24.2	U				
Manganese		0.440	U	0.440	U	0.440	U				
Nickel		0.556	U	0.556	U	0.556	U				
Potassium		30.9	U	30.9	U	30.9	U				
Selenium		1.73	U	1.73	U	1.73	U				
Silver		0.163	U	0.163	U	0.163	U				
Sodium		29.3	U	29.3	U	29.3	U				
Thallium		0.746	J	0.718	J	0.469	J				
Vanadium		1.57	U	1.57	U	1.57	U				
Zinc		3.41	U	3.41	U	3.41	U				

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	:		

		Initial Calibration Blank		Continuing Calibration Blank(s)				Preparation Blank	
Lab ID	:	R1832102-3							
Date Analyzed	:	05/23/24 05:19							
Parameter		**ug/l**	**Q**	**Q**		**Q**		**Q**	
Aluminum		3.27	U						
Antimony		0.429	U						
Arsenic		0.165	U						
Barium		0.173	U						
Beryllium		0.107	U						
Cadmium		0.0599	U						
Calcium		39.4	U						
Chromium		0.178	U						
Cobalt		0.163	U						
Copper		0.384	U						
Iron		19.1	U						
Lead		0.343	U						
Magnesium		24.2	U						
Manganese		0.440	U						
Nickel		0.556	U						
Potassium		30.9	U						
Selenium		1.73	U						
Silver		0.163	U						
Sodium		29.3	U						
Thallium		0.198	J						
Vanadium		1.57	U						
Zinc		3.41	U						

Form 4a
Interference Check Sample

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Instrument ID	: ICPMSQ	Concentration Units	: ug/l

	True		Initial Found				Final Found			
Lab ID :			R1830477-3							
Analysis Date :			05/19/24 11:21							
Analyte	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	100000		99300	99						
Antimony			0.202							
Arsenic			0.604							
Barium			1.34							
Beryllium			0.0378							
Cadmium			0.711							
Calcium	300000		277000	92						
Chromium			0.981							
Cobalt			2.13							
Copper			1.09							
Iron	250000		229000	92						
Lead			1.47							
Magnesium	100000		103000	103						
Manganese			4.28							
Nickel			4.05							
Potassium	100000		108000	108						
Selenium			3.21							
Silver			0.0422							
Sodium	250000		270000	108						
Thallium			0.0790							
Vanadium			-0.241							
Zinc			1.96							

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

Form 4a
Interference Check Sample

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ2	**Concentration Units**	: ug/l

		True		Initial Found				Final Found			
Lab ID	:			R1830618-4							
Analysis Date	:			05/20/24 06:46							
Analyte		**Sol. A**	**Sol. AB**	**Sol. A**	**%R**	**Sol. AB**	**%R**	**Sol. A**	**%R**	**Sol. AB**	**%R**
Iron		250000		240000	96						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

Form 4a
Interference Check Sample

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: ICPMSQ	**Concentration Units**	: ug/l

	True		Initial Found				Final Found			
Lab ID :			R1831581-3				R1831581-21			
Analysis Date :			05/22/24 05:56				05/22/24 16:10			
Analyte	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	100000		102000	102			99800	100		
Antimony			0.276				0.231			
Arsenic			0.611				0.617			
Barium			1.28				1.35			
Beryllium			0.0318				0.0289			
Cadmium			0.641				0.670			
Calcium	300000		282000	94			271000	90		
Chromium			1.34				1.93			
Cobalt			2.21				2.11			
Copper			1.25				1.21			
Iron	250000		237000	95			229000	92		
Lead			1.43				1.53			
Manganese			4.23				4.14			
Nickel			3.23				2.90			
Selenium			3.08				3.20			
Silver			0.0525				0.0544			
Thallium			0.0861				0.0883			
Vanadium			-0.0617				0.0720			
Zinc			2.55				2.10			

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

Form 4a
Interference Check Sample

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Instrument ID	: ICPMSQ2	Concentration Units	: ug/l

	True		Initial Found				Final Found			
Lab ID :			R1832102-4							
Analysis Date :			05/23/24 05:26							
Analyte	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	100000		94200	94						
Antimony			0.181							
Arsenic			0.454							
Barium			1.40							
Beryllium			0.0318							
Cadmium			0.530							
Calcium	300000		318000	106						
Chromium			1.68							
Cobalt			2.32							
Copper			1.13							
Iron	250000		260000	104						
Lead			1.79							
Magnesium	100000		98400	98						
Manganese			5.02							
Nickel			3.05							
Potassium	100000		107000	107						
Selenium			3.26							
Silver			0.0259							
Sodium	250000		269000	108						
Thallium			0.419							
Vanadium			0.0866							
Zinc			1.22							

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

Form 5a
Matrix Spike

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	Matrix	: WATER
Lab Sample ID	: L2426911-06		
Matrix Spike	: WG1922789-3	MS Analysis Date	: 05/19/24 13:25
Matrix Spike Dup	: WG1922789-4	MSD Analysis Date	: 05/19/24 13:30

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	3.25	2	5.56	116	2	5.54	114	0	75-125	20
Antimony, Total	0.00253J	0.5	0.5064	101	0.5	0.5096	102	1	75-125	20
Arsenic, Total	0.00369	0.12	0.1277	103	0.12	0.1288	104	1	75-125	20
Barium, Total	0.1284	2	2.285	108	2	2.267	107	1	75-125	20
Beryllium, Total	0.00018J	0.05	0.05055	101	0.05	0.05207	104	3	75-125	20
Cadmium, Total	ND	0.053	0.05382	102	0.053	0.05527	104	3	75-125	20
Calcium, Total	28.2	10	38.2	100	10	38.8	106	2	75-125	20
Chromium, Total	0.00800	0.2	0.2062	99	0.2	0.2058	99	0	75-125	20
Cobalt, Total	0.00326	0.5	0.5197	103	0.5	0.5218	104	0	75-125	20
Copper, Total	0.00913	0.25	0.2617	101	0.25	0.2656	102	1	75-125	20
Iron, Total	6.37	1	8.13	176 Q	1	8.08	171 Q	1	75-125	20
Lead, Total	0.00379	0.53	0.5589	105	0.53	0.5661	106	1	75-125	20
Magnesium, Total	5.52	10	17.3	118	10	17.2	117	1	75-125	20
Manganese, Total	0.6360	0.5	1.234	120	0.5	1.241	121	1	75-125	20
Nickel, Total	0.00778	0.5	0.5093	100	0.5	0.5136	101	1	75-125	20
Potassium, Total	5.92	10	17.8	119	10	17.9	120	1	75-125	20
Selenium, Total	ND	0.12	0.126	105	0.12	0.127	106	1	75-125	20
Silver, Total	ND	0.05	0.05404	108	0.05	0.05513	110	2	75-125	20
Sodium, Total	31.3	10	43.3	120	10	43.0	117	1	75-125	20
Thallium, Total	ND	0.12	0.1291	108	0.12	0.1314	110	2	75-125	20
Vanadium, Total	0.00673	0.5	0.4962	98	0.5	0.5001	99	1	75-125	20
Zinc, Total	2.720	0.5	3.677	191 Q	0.5	3.673	191 Q	0	75-125	20

Form 5a
Matrix Spike

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	**Matrix**	: WATER
Lab Sample ID	: L2426911-06		
Matrix Spike	: WG1923124-3	**MS Analysis Date**	: 05/20/24 09:11
Matrix Spike Dup	: WG1923124-4	**MSD Analysis Date**	: 05/20/24 09:15

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Iron, Dissolved	0.0420J	1	0.999	100	1	0.985	98	1	75-125	20

Form 7
Laboratory Control Sample

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: WG1922789-2	LCS Analysis Date	: 05/19/24 13:15
Dup Sample ID	:	LCSD Analysis Date	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Aluminum, Total	2.00	1.95	98.					80-120	20
Antimony, Total	0.500	0.477	95.					80-120	20
Arsenic, Total	0.120	0.126	105.					80-120	20
Barium, Total	2.00	2.14	107.					80-120	20
Beryllium, Total	0.0500	0.0506	101.					80-120	20
Cadmium, Total	0.0530	0.0547	103.					80-120	20
Calcium, Total	10.0	8.97	90.					80-120	20
Chromium, Total	0.200	0.201	100.					80-120	20
Cobalt, Total	0.500	0.530	106.					80-120	20
Copper, Total	0.250	0.254	102.					80-120	20
Iron, Total	1.00	1.08	108.					80-120	20
Lead, Total	0.530	0.564	106.					80-120	20
Magnesium, Total	10.0	10.7	107.					80-120	20
Manganese, Total	0.500	0.515	103.					80-120	20
Nickel, Total	0.500	0.507	101.					80-120	20
Potassium, Total	10.0	11.0	110.					80-120	20
Selenium, Total	0.120	0.128	107.					80-120	20
Silver, Total	0.0500	0.0552	110.					80-120	20
Sodium, Total	10.0	11.0	110.					80-120	20
Thallium, Total	0.120	0.134	111.					80-120	20
Vanadium, Total	0.500	0.497	99.					80-120	20
Zinc, Total	0.500	0.523	104.					80-120	20

Form 7
Laboratory Control Sample

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1923124-2	**LCS Analysis Date**	: 05/20/24 08:49
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (mg/l)**	**Found (mg/l)**	**%R**	**True (mg/l)**	**Found (mg/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Iron, Dissolved	**1.00**	**0.990**	**99.**					**80-120**	**20**

Form 8
Serial Dilutions

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	**Matrix**	: WATER
Lab Sample ID	: L2426911-06	**Analysis Date**	: 05/19/24 13:20
Serial Dilution ID	: WG1922789-6	**Analysis Date**	: 05/19/24 13:39

Parameter	Initial Sample Result (mg/l)	Serial Dilution Result (mg/l)	% Difference	%D Limit
Aluminum, Total	3.25	3.33	2	20
Barium, Total	0.1284	0.1284	0	20
Calcium, Total	28.2	28.4	1	20
Iron, Total	6.37	6.88	8	20
Magnesium, Total	5.52	6.11	11	20
Manganese, Total	0.6360	0.6942	9	20
Potassium, Total	5.92	6.55	11	20
Sodium, Total	31.3	31.7	1	20
Zinc, Total	2.720	2.991	10	20

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-06	Date Collected	: 05/15/24 11:15
Client ID	: MW-103B-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/20/24 08:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1923201.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: WG1922794-1	Date Collected	: NA
Client ID	: WG1922794-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 05/20/24 08:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1923201.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-01	Date Collected	: 05/14/24 13:00
Client ID	: MW-100-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:27
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-02	Date Collected	: 05/14/24 12:10
Client ID	: MW-101B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:31
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-03	Date Collected	: 05/14/24 10:15
Client ID	: MW-102-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:34
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00033	0.00020	0.00009	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-04	Date Collected	: 05/14/24 09:10
Client ID	: MW-102B-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:44
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-05	Date Collected	: 05/15/24 10:10
Client ID	: MW-103-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-07	Date Collected	: 05/15/24 12:10
Client ID	: MW-104-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-08	Date Collected	: 05/14/24 14:45
Client ID	: MW-2-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-09	Date Collected	: 05/14/24 14:30
Client ID	: MW-2S-20240514	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 12:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00095	0.00020	0.00009	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-12	Date Collected	: 05/15/24 12:00
Client ID	: CHA-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 13:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2426911
Project Name	: FRIEDRICHSOHN 2024	Project Number	: 060017.000.0005000
Lab ID	: L2426911-13	Date Collected	: 05/15/24 14:00
Client ID	: WC-1-20240515	Date Received	: 05/15/24
Sample Location	: WATERFORD NY	Date Analyzed	: 05/22/24 13:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: JWN
Lab File ID	: WG1924234.pdf	Instrument ID	: NIC2
Sample Amount	: 25ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 05/18/24

			mg/l		
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: NIC2	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1830640-1			R1830640-3			R1830640-5			
Date Analyzed :	05/20/24 06:29			05/20/24 07:43			05/20/24 08:30			
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Mercury	0.00300	0.0030	99	0.0050	0.00510	102	0.00490	99		

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: NIC2	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1831627-1			R1831627-3			R1831627-5		R1831627-7	
Date Analyzed :	05/22/24 06:42			05/22/24 08:11			05/22/24 08:59		05/22/24 11:34	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Mercury	0.00300	0.0030	100	0.0050	0.00510	103	0.00520	103	0.00480	96

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: NIC2	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1831627-9			R1831627-11			
Date Analyzed :				05/22/24 12:37			05/22/24 13:18			
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Mercury				0.0050	0.00510	102	0.00510	103		

Acceptance Criteria:

ICV:	**95-105%**	**(Methods 200.7, 245.1)**
	90-110%	**(Methods 200.8, 6010, 6020, 7470, 7471, 7474)**
	85-115%	**(Method 1631)**
CCV:	**90-110%**	**(Methods 200.7, 245.1, 6010, 6020, 7474)**
	85-115%	**(Methods 200.8, 1631)**
	80-120%	**(Methods 7470, 7471)**

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: NIC2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1830640-2		R1830640-4		R1830640-6				WG1922794-1	
Date Analyzed :	05/20/24 06:32		05/20/24 07:47		05/20/24 08:33				05/20/24 08:03	
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Mercury	0.0000915	U	0.0000915	U	0.0000915	U			0.00009	U

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: NIC2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1831627-2		R1831627-4		R1831627-6		R1831627-8			
Date Analyzed :	05/22/24 06:45		05/22/24 08:14		05/22/24 09:03		05/22/24 11:37			
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
Mercury	0.0000915	U	0.0000915	U	0.0000915	U	0.0000915	U		

Form 3
Blanks

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Instrument ID	: NIC2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1831627-10		R1831627-12					
Date Analyzed :			05/22/24 12:40		05/22/24 13:21					
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
Mercury			0.0000915	U	0.0000915	U				

Form 5a
Matrix Spike

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: MW-103B-20240515	**Matrix**	: WATER
Lab Sample ID	: L2426911-06		
Matrix Spike	: WG1922794-3	**MS Analysis Date**	: 05/20/24 08:13
Matrix Spike Dup	: WG1922794-4	**MSD Analysis Date**	: 05/20/24 08:16

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/l)	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	Spike Added (mg/l)	Spike Conc. (mg/l)	%R	RPD	Recovery Limits	RPD Limit
Mercury, Total	ND	0.005	0.00485	97	0.005	0.00506	101	4	75-125	20

Form 7
Laboratory Control Sample

Client	: CHA Companies	**Lab Number**	: L2426911
Project Name	: FRIEDRICHSOHN 2024	**Project Number**	: 060017.000.0005000
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1922794-2	**LCS Analysis Date**	: 05/20/24 08:06
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (mg/l)**	**Found (mg/l)**	**%R**	**True (mg/l)**	**Found (mg/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Mercury, Total	0.00100	0.000850	85.					80-120	20

Field Duplicate Calculation Section

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2426911

S1= MW-103-20240515 **S2=** CHA-1-20240515

Analyte	S1	S2	RPD (%)
Chlorobenzene	4.0	4.1	2%
Benzene	0.54	0.55	2%
Vinyl chloride	**0.34**	**0.14**	NC
Cyclohexane	**1.3**	**1.3**	NC

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2426911

S1= MW-103-20240515 **S2=** CHA-1-20240515

Analyte	S1	S2	RPD (%)
Acenaphthene (SIM)	**0.04**	**0.04**	NC
Naphthalene (SIM)	0.14	**0.05**	NC
Anthracene (SIM)	**0.02**	**0.02**	NC
Fluorene (SIM)	**0.02**	**0.03**	NC
2-Methylnaphthalene (SIM)	**0.03**	ND	NC
Pentachlorophenol (SIM)	**0.07**	**0.06**	NC
Phenanthrene (SIM)	NC	**0.03**	NC

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

PCBs

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2426911

S1= MW-103-20240515 **S2=** CHA-1-20240515

Analyte	S1	S2	RPD (%)
Aroclor 1016	ND	ND	NC
Aroclor 1221	ND	ND	NC
Aroclor 1232	ND	ND	NC
Aroclor 1248	ND	ND	NC
Aroclor 1254	ND	ND	NC
Aroclor 1260	ND	ND	NC
Aroclor 1262	ND	ND	NC
Aroclor 1268	ND	ND	NC
Aroclor 1242	2.15	1.84	16%
PCBs, Total	2.15	1.84	16%

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

General Chemistries

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2426911

S1= MW-103-20240515 **S2=** CHA-1-20240515

Analyte	S1	S2	RPD (%)
Nitrogen, Ammonia	1.13	1.18	4%
Nitrogen, Nitrate	0.25	0.25	0%
Total Organic Carbon	3.5	3.5	0%
Sulfate	16	16	0%
Alkalinity, Total	227	224	1%

* RPD is above the allowable maximum 20%.

Results are in units of mg/L.

Bold numbers were values that are below the RL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2426911

S1= MW-103-20240515 **S2=** CHA-1-20240515

Analyte	S1	S2	RPD (%)	
aluminum	0.0721	0.116	47%	*
antimony	ND	ND	NC	
arsenic	0.00639	0.00647	1%	
barium	0.09373	0.1233	27%	*
beryllium	ND	ND	NC	
cadmium	ND	ND	NC	
calcium	59.2	50.6	16%	
chromium	0.00101	0.00107	6%	
cobalt	**0.00023**	**0.00029**	NC	
copper	**0.0007**	**0.00064**	NC	
iron	2.3	2.45	6%	
lead	ND	**0.00046**	NC	
magnesium	10.2	10.1	1%	
manganese	4.611	3.501	27%	
mercury	ND	ND	NC	
nickel	**0.00076**	**0.00063**	NC	
potassium	2.45	2.41	2%	
selenium	ND	ND	NC	
silver	ND	ND	NC	
sodium	84.3	82.8	2%	
thallium	ND	ND	NC	
vanadium	ND	ND	NC	
zinc	ND	ND	NC	

* RPD is above the allowable maximum 20%.

Results are in units of mg/L.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

Iron

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2426911

S1= MW-103-20240515 **S2=** CHA-1-20240515

Analyte	S1	S2	RPD (%)
iron (dissolved)	1.98	2.02	2%

* RPD is above the allowable maximum 20%.

Results are in units of mg/L.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.