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To: [Spellman, John \(DEC\)](#); [Lawrence, Stephen \(HEALTH\)](#)
Cc: [sfurman@sprlaw.com](#); [Karen.Bozier@sony.com](#); [Megan.McCarthy@sony.com](#); [Manolakas, Michael](#)
Subject: RE: June-July 2023 Monthly Progress Report - Former MRC - C344070
Date: Monday, August 21, 2023 4:57:51 PM
Attachments: [image001.png](#)
[PR135 June - July.pdf](#)

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Hi John

Attached is the June-July 2023 status report for the Former MRC site.

Please let me know if you have any questions.

Regards,

Karen

Karen Destefanis, PG, LEP
Lead Hydrogeologist



Leggette, Brashears & Graham is now WSP.
Phone: +1 475-882-1706
Email: Karen.Destefanis@wsp.com
Please note I have a new email address.

WSP USA
4 Research Drive, Suite 204
Shelton, CT 06484
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August 10, 2023

Mr. John Spellman, P.E.
NYSDEC
625 Broadway – 11th Floor
Albany, NY 12233

Via Electronic Transmission

RE: Progress Report No. 135
June - July 2023
BCP Site #C344070
Former Material Research Corp.
542 Route 303
Orangetown, New York

Dear Mr. Spellman:

On behalf of our client, Sony Electronics, Inc. (Sony), WSP USA (WSP) is pleased to submit this Progress Report for the subject property. This Progress Report covers June - July 2023.

June – July 2023

1. SUMMARY OF PROJECT ACTIVITIES

**A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD
(June - July 2023)**

WSP, as the Environmental Engineering Consultant for the project, performed the following tasks:

- Conducted semi-annual groundwater monitoring from selected wells located in OU-1.
- Installed temporary piezometer at 539 Route 303 property at location proposed in OU-2 work plan.
- Collected groundwater samples from monitor wells and temporary piezometer identified in approved OU-2 work plan.
- Conducted equipment inspection of Sub Slab Depressurization System (SSDS).
- Additional communication with various vendors regarding the availability of sodium permanganate.
- Continued evaluation of ISCO alternatives (persulfate) available to address carbon tetrachloride detected in southeast corner of the Site.

WSP USA
6 Research Drive, Suite 260
Shelton, CT 06484

Phone: +1 (203) 929-8555
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B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

All of the new monitor wells that were proposed in the OU-2 work plan were sampled with the exception of the southernmost well cluster located in the Route 303 right-of-way, which has not been drilled to date. Evaluation of the proposed location of this well cluster is ongoing; the well installation in the proposed location is not feasible due to constraints associated with work in the right-of-way.

C. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD (August - September 2023)

- Coordinate and conduct focused in-situ chemical oxidation (ISCO) injection event on western side of building.
- Respond to comments related to the Draft Site Management Plan and revise the plan.

2. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

- July 2023 semi-annual groundwater sampling event occurred during this reporting period. The OU-1 laboratory results are summarized on Table 1. Comparison of the baseline trichloroethylene results to the July 2023 results are shown on Figures 1 and 2. Copies of the laboratory reports are attached at the end of this letter.
- The OU-2 groundwater sampling event was conducted in July 2023. The OU-2 laboratory results are summarized on Table 2. The locations of the wells sampled as part of OU-2 are shown on Figure 3. Copies of the laboratory reports are also attached at the end of this letter.
- Air monitoring of VOCs around each well was conducted during the July 2023 post-injection groundwater sampling activities in accordance with the Community Air Monitoring Plan. The air monitoring results at the upwind, downwind and wellhead locations did not exceed any Health and Safety limits. The hourly readings for the VOC monitoring are attached at the end of this letter.

3. SCHEDULE

A. PROJECT PROGRESSION

OU-1: The drilling, well development, baseline groundwater sampling and chemical oxidant injection/extraction activities associated with the RAWP are complete. The first year of quarterly and five rounds of semi-annual groundwater sampling post-injection activities have been completed. Pursuant to the RAWP and draft SMP, focused ISCO treatment of select wells that have demonstrated some rebound since the initial 2020 injection will be completed in 2023.



OU2: Drilling the final well cluster on Route 303 is tentatively scheduled to be completed in the third quarter 2023. Groundwater sampling of the new wells will be conducted when the drilling and well development activities are completed.

B. UNRESOLVED DELAYS IMPACTING SCHEDULE

There are no unresolved delays impacting the schedule other than installation of the final well cluster on Route 303 as described above.

4. PERSONNEL/ADMINISTRATIVE

A. CPP ACTIVITIES (PERFORMED AND ANTICIPATED)

No CPP activities were performed during the reporting period. No CPP activities are anticipated for the next reporting period.

B. PROJECT STAFFING

The semi-annual, post-injection groundwater sampling was conducted between July 5 and 10, 2023 by Patrick Staub, Lauren DeHoyos and Scott Philbrick of WSP.

If you have any questions, please feel free to contact Karen directly at (475) 882-1706.

Kind regards,

WSP USA

Karen B. Destefanis, PG(NY)
Assistant Vice President

Reviewed by:

Michael Manolakas, PG(NY)
Vice President

KBD:cmm

Enclosures

cc: Stephen Lawrence (NYSDOH)
Karen Bozier (Sony)
Megan McCarthy (Sony)
Scott Furman (SPR)

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TABLES

TABLE 1
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples¹

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-A1	17	5/22/2019	93.4	15.0 E	ND<0.200	68.7	4.2	11.5	2.13	0.370 J	0.760	ND<0.200	ND<0.200	71
	Post Remediation Injection													
	17	12/1/2020	1.58	0.620 J	ND<0.400	ND<0.400	1.14	0.980 J	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	69
	17	3/23/2021	ND<0.400	14.8	ND<0.400	ND<0.400	4.00	6.86	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	73
	17	6/21/2021	2.68	4.79	ND<0.200	ND<0.200	1.42	1.88	0.310 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	9/30/2021	ND<0.400	17.8	ND<0.400	ND<0.400	3.54	ND<0.400	ND<0.400	0.420 J	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/27/2021	ND<0.400	13.1	ND<0.400	ND<0.400	2.92	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/20/2022	3.84	19.9	ND<0.500	ND<0.500	7.53	ND<0.500	ND<0.500	0.34 J	ND<0.500	ND<0.500	ND<0.500	NA
MW-A1	17	7/6/2023	25.4	12.7	ND<0.500	5.31	2.99	1.42	ND<0.500	0.300 J	ND<0.500	ND<0.500	ND<0.500	NA
	38	5/22/2019	135	15.7 E	ND<0.200	65.7	3.92	12.5	0.900	0.440 J	0.740	ND<0.200	ND<0.200	48
	Post Remediation Injection													
MW-A4	38	10/28/2020	ND<0.200	1.3	ND<0.200	ND<0.200	1.15	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	5/22/2019	182	2.55 E	ND<1.0	30.4	33.6	176	2.15 J	ND<1.0	23.2	ND<1.0	ND<1.0	100
	Post Remediation Injection													
MW-A4	17	10/27/2020	ND<0.400	1.40	ND<0.400	ND<0.400	3.02	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	38
	38	5/22/2019	487	7.2 E	ND<2.0	87.9	68.8	306	4.10 J	ND<2.0	45.5	ND<2.0	ND<2.0	120
	Post Remediation Injection													
	38	10/27/2020	ND<0.400	2.24	ND<0.400	ND<0.400	4.98	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	71
	38	12/1/2020	ND<0.400	11.7	ND<0.400	ND<0.400	22.4	ND<0.400	ND<0.400	0.560 J	ND<0.400	ND<0.400	ND<0.400	51
	38	3/22/2021	ND<1.00	9.95	ND<1.00	ND<1.00	21.8	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	74
	38	6/23/2021	ND<0.200	11.4	ND<0.200	ND<0.200	20.4	ND<0.200	ND<0.200	0.450 J	ND<0.200	ND<0.200	ND<0.200	NA
	38	9/29/2021	ND<1.00	26.5	ND<1.00	ND<1.00	106	ND<1.00	ND<1.00	1.15 J	ND<1.00	ND<1.00	ND<1.00	NA
	38	12/27/2021	ND<0.400	17.3	ND<0.400	ND<0.400	77.3	ND<0.400	ND<0.400	0.800 J	ND<0.400	ND<0.400	ND<0.400	NA
	38	6/28/2022	ND<0.500	23.8	ND<0.500	ND<0.500	136	ND<0.500	ND<0.500	1.20	ND<0.500	ND<0.500	ND<0.500	NA
	38	12/19/2022	0.35 J	26	ND<0.500	ND<0.500	108	ND<0.500	ND<0.500	1.35	ND<0.500	ND<0.500	ND<0.500	NA
	38	7/10/2023	0.54	20.8	ND<0.500	ND<0.500	110	ND<0.500	ND<0.500	ND<0.500	1.01	ND<0.500	ND<0.500	NA
	17	11/7/2019	347 B E	16.7	ND<0.200	48.8	32.4	213	2.68	1.30 B	36.3	ND<0.200	ND<0.200	51
	Post Remediation Injection													
MW-A5 (duplicate)	17	10/27/2020	ND<0.400	1.96	ND<0.400	ND<0.400	4.52	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	3/22/2021	ND<0.200	3.28	ND<0.200	ND<0.200	10.7	ND<0.200	ND<0.200	0.360 J	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/23/2021	3.80	1.49	ND<0.200	ND<0.200	2.91	2.67	ND<0.200	0.700	ND<0.200	ND<0.200	ND<0.200	NA
	17	9/27/2021	ND<0.400	8.60	ND<0.400	ND<0.400	51.4	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/27/2021	3.16	6.36	ND<0.400	ND<0.400	42.9	0.800 J	ND<0.400	0.400 J	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/28/2022	56.0	4.03	ND<0.500	1.39	25.1	28.9	ND<0.500	0.490 J	0.230 J	ND<0.500	ND<0.500	NA
	17	12/19/2022	60.5	1.47	ND<0.500	4.09	5.04	43.2	0.68	0.39	3.920	ND<0.500	ND<0.500	NA
	17	7/10/2023	35.4	0.86	ND<0.500	3.23	3.33	ND<0.500	38.4	0.42	1.000	4.09	ND<0.500	NA
	17		35.6	0.86	ND<0.500	3.28	3.27	ND<0.500	38.8	0.44	0.990	4.15	ND<0.500	NA

TABLE 1
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples^u

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-A5	38	11/7/2019	312 B E	1.74	ND<0.200	58.8	42.0	199	2.76	1.20 B	43.7	ND<0.200	ND<0.200	NA
	Post Remediation Injection													
MW-B1	38	12/1/2020	ND<0.400	4.94	ND<0.400	ND<0.400	7.66	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	54
	17	12/20/2022	94.8	15.4	ND<0.500	28.3	6.18	7.69	ND<0.500	0.25	ND<0.500	ND<0.500	ND<0.500	NA
	17	7/5/2023	89.2	10.1	ND<0.500	34.8	2.41	7.22	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
MW-B3	17	5/21/2019	856	14.5	0.270 J	208	90.4	308	8.79	0.380 J	38.3	ND<0.200	ND<0.200	60
	Post Remediation Injection													
	17	10/27/2020	ND<0.400	ND<0.400	ND<0.400	ND<0.400	0.700 J	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	3/23/2021	ND<0.400	21.9	ND<0.400	ND<0.400	56.2	ND<0.400	0.460 J	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
			ND<0.400	24.2	ND<0.400	ND<0.400	61.7	ND<0.400	7.30	0.480 J	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/27/2021	ND<0.400	18.0	ND<0.400	ND<0.400	137	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/29/2022	0.300 J	13.1	ND<0.500	ND<0.500	86.3	ND<0.500	0.490 J	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/19/2022	3.05	11.1	ND<0.500	ND<0.500	92.9	2.12	ND<0.500	0.32	ND<0.500	ND<0.500	ND<0.500	NA
MW-B4	17	11/7/2019	235	1.14	ND<0.200	24.8	17.5	163	2.09	ND<0.200	20.7	ND<0.200	ND<0.200	NA
	Post Remediation Injection													
	17	10/28/2020	8.81	1.94	ND<0.200	ND<0.200	14.2	23.2	0.270 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	69
	17	12/1/2020	8.52	2.12	ND<0.400	ND<0.400	12.2	3.94	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	79
	17	3/22/2021	1.86	1.6	ND<0.200	ND<0.200	6.90	3.9	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/24/2021	7.65	1.44	ND<0.200	ND<0.200	6.90	21.3	0.320	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	9/27/2021	5.10	2.54	ND<0.400	ND<0.400	10.0	4.20	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/28/2021	2.98	2.4	ND<0.400	ND<0.400	9.54	1.38	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/28/2022	ND<0.500	1.16	ND<0.500	ND<0.500	5.82	ND<0.500	0.560 J	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	38	11/7/2019	451	1.18	ND<0.200	60.2	44.4	163	3.19	0.200 J B	36.6	ND<0.200	ND<0.200	59
	Post Remediation Injection													
MW-B4	38	10/28/2020	ND<0.200	1.86	ND<0.200	ND<0.200	16.8	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	72
	38	3/22/2021	ND<0.200	1.57	ND<0.200	ND<0.200	6.77	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	170
	38	6/30/2022	17.3	2.46	ND<0.500	ND<0.500	12.4	8.14	0.310 J	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	38	12/19/2022	78.5	1.71	ND<0.500	5.56	7.77	57.5	0.230	0.34	ND<0.500	ND<0.500	ND<0.500	NA
	38	7/5/2023	95	1.86	ND<0.500	12.8	11.8	108	1.670	ND<0.500	25.8	ND<0.500	ND<0.500	NA
	17	5/21/2019	958	39.0	0.420 J	287	71.6	216	4.70	0.560	20.6	ND<0.200	ND<0.200	18
MW-C2 (duplicate)	Post Remediation Injection													
	17	10/27/2020	ND<0.400	9.34	ND<0.400	ND<0.400	36.5	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	3/22/2021	ND<0.200	6.72	ND<0.200	ND<0.200	51.0	ND<0.200	ND<0.200	0.270 J	ND<0.200	ND<0.200	ND<0.200	NA
			ND<0.200	7.01	ND<0.200	ND<0.200	51.7	ND<0.200	ND<0.200	0.270 J	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/24/2021	ND<0.200	24.2	ND<0.200	ND<0.200	70.6	ND<0.200	ND<0.200	0.410 J	ND<0.200	ND<0.200	ND<0.200	NA
			ND<0.200	25.0	ND<0.200	ND<0.200	71.8	ND<0.200	ND<0.200	0.400 J	ND<0.200	ND<0.200	ND<0.200	NA
	17	9/30/2021	ND<0.200	36.4	ND<0.200	ND<0.200	79.3	ND<0.200	0.680	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/28/2022	30.7	37.0	ND<0.500	ND<0.500	107	2.85	ND<0.500	0.690	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/19/2022	41.1	24.6	ND<0.500	ND<0.500	78	8.22	0.57	0.530	ND<0.500	ND<0.500	ND<0.500	NA
	17	7/5/2023	182	24.1	ND<0.500	34.1	73.6	45.1	ND<0.500	0.450 J	1.47	ND<0.500	ND<0.500	NA

TABLE 1
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples^U

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-C4	17	5/21/2019	346	2.42	ND<0.200	46.4	32.8	214	5.16	ND<0.200	34.4	ND<0.200	ND<0.200	46
	Post Remediation Injection													
	17	11/2/2020	ND<0.400	0.740 J	ND<0.400	ND<0.400	1.44	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
MW-D1	17	5/21/2019	449	25.4	ND<2.0	173	36.8	265	2.20 J	ND<2.0	8.8	ND<2.0	ND<2.0	ND<10
	Post Remediation Injection													
	17	11/2/2020	ND<0.400	3.00	ND<0.400	ND<0.400	2.80	1.32	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	3/23/2021	ND<1.00	20.3	ND<1.00	ND<1.00	25.3	9.30	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	NA
	17	6/22/2021	ND<0.200	7.67	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	9/30/2021	ND<0.400	24.8	ND<0.400	ND<0.400	27.2	ND<0.400	ND<0.400	0.520 J	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/27/2021	ND<0.400	19.0	ND<0.400	ND<0.400	24.3	ND<0.400	ND<0.400	0.460 J	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/29/2022	1.63	21.4	ND<0.500	ND<0.500	24.4	ND<0.500	0.440 J	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/20/2022	143	15.0	ND<0.500	39.5	14.4	18.8	0.62	0.22 J	1.12	ND<0.500	ND<0.500	NA
	17	7/5/2023	153	12.7	ND<0.500	44.6	15.7	29.2	0.51	ND<0.500	1.73	ND<0.500	ND<0.500	NA
MW-D4 (duplicate)	17	5/21/2019	127	0.84	ND<0.200	15.6	5.45	600	12.3	ND<0.200	48.5	ND<0.200	ND<0.200	39
	Post Remediation Injection													
	17	11/2/2020	ND<0.400 ND<0.400	0.940 J 0.940 J	ND<0.400 ND<0.400	ND<0.400 ND<0.400	0.640 J 0.620 J	ND<0.400 0.440 J	ND<0.400 ND<0.400	ND<0.400 ND<0.400	ND<0.400 ND<0.400	ND<0.400 ND<0.400	ND<0.400 ND<0.400	NA
	17	3/23/2021	8.22	0.520	ND<0.200	0.470 J	0.560	22.1	ND<0.200	ND<0.200	2.10	ND<0.200	ND<0.200	NA
	17	6/24/2021	44.7	1.29	ND<0.200	13.0	1.81	571	6.61	ND<0.200	72.5	ND<0.200	ND<0.200	NA
	17	9/29/2021	15.9	0.800	ND<0.500	6.91	2.52	632	2.10	ND<0.500	52.7	ND<0.500	ND<0.500	NA
	17	12/28/2021	21.2	1.030	ND<0.200	8.89	4.28	466	2.38	ND<0.200	73.5	ND<0.200	ND<0.200	NA
	17	6/28/2022	78.2	1.670	ND<0.500	7.74	1.52	224	2.10	ND<0.500	45.6	ND<0.500	ND<0.500	NA
	17	12/19/2022	44.7	1.090	ND<0.500	3.3	8.75	125	0.71	ND<0.500	7.04	ND<0.500	ND<0.500	NA
	17	5/22/2019	213 211	10.6 E 11.0 E	ND<1.00 ND<1.00	58.7 61.3	16.6 16.3	63.0 60.7	ND<1.00 ND<0.400	ND<1.00 ND<0.400	5.35 4.36	ND<1.00 ND<0.400	ND<1.00 ND<0.400	ND<10 ND<10
MW-E1 (duplicate)	Post Remediation Injection													
	17	11/2/2020	6.46	ND<0.400	ND<0.400	0.700 J	0.740 J	2.26	ND<0.400	ND<0.400	0.440 J	ND<0.400	ND<0.400	NA
	17	12/1/2020	9.28	ND<0.400	ND<0.400	1.17	1.01	2.91	ND<0.400	ND<0.400	0.650	ND<0.400	ND<0.400	NA
	17	3/24/2021	ND<0.400	13.0	ND<0.400	ND<0.400	16.5	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/22/2021	24.6	0.370 J	ND<0.200	3.41	2.43	10.3	ND<0.200	ND<0.200	2.27	ND<0.200	ND<0.200	NA
	17	9/29/2021	7.00	7.76	ND<0.200	0.660 J	7.74	4.48	1.74	ND<0.200	158	ND<0.200	ND<0.200	NA
	17	12/28/2021	14.5	1.06	ND<0.200	0.950	1.78	4.74	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/29/2022	22.9	0.270 J	ND<0.500	2.70	1.75	8.89	ND<0.500	ND<0.500	2.70	ND<0.500	ND<0.500	NA
	17	12/19/2022	7.4	ND<0.500	ND<0.500	1.16	0.99	3.82	ND<0.500	ND<0.500	0.91	ND<0.500	ND<0.500	NA
	17	7/5/2023	7.49	ND<0.500	ND<0.500	1.04	0.94	4.4	ND<0.500	ND<0.500	0.84	ND<0.500	ND<0.500	NA

TABLE 1
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Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples^W

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-E4	17	5/21/2019	49.5	7.12	ND<0.200	55.9	23.5	704	3.18	0.52	83.8	ND<0.200	ND<0.200	39
	<i>Post Remediation Injection</i>													
	17	6/22/2021	21.65	1.33	ND<0.200	9.34	1.92	536	1.14	ND<0.200	37	ND<0.200	ND<0.200	NA
	17	9/29/2021	21.5	1.43	ND<0.200	5.57	2.65	542	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	17	12/28/2021	17.7	1.43	ND<0.200	11.0	4.54	476	2.1	ND<0.200	98.0	ND<0.200	ND<0.200	NA
	17	6/28/2022	26.4	2.02	ND<0.500	4.05	5.15	245	0.92	ND<0.500	65.0	ND<0.500	ND<0.500	NA
	17	12/19/2022	41.8	1.5	ND<0.500	2.29	1.47	86	0.62	ND<0.500	11.8	ND<0.500	ND<0.500	NA
MW-F1	17	7/5/2023	89.0	1.76	ND<0.500	8.14	1.93	704	3.90	ND<0.500	67.3	ND<0.500	ND<0.500	NA
	17	5/23/2019	370	5.2	ND<1.00	26.4	7.55	54.2	ND<1.00	ND<1.00	1.20 J	ND<1.00	ND<1.00	ND<1.00
	<i>Post Remediation Injection</i>													
	17	11/2/2020	1.06	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	3/24/2021	ND<0.400	9.52	ND<0.400	ND<0.400	13	ND<0.400	ND<0.400	0.440 J	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/22/2021	ND<0.200	ND<0.200	ND<0.200	0.450 J	1.70	0.790	ND<0.200	ND<0.200	0.560	ND<0.200	ND<0.200	NA
	17	9/28/2021	ND<0.400	10.2	ND<0.400	ND<0.400	13.1	ND<0.400	ND<0.400	0.540 J	ND<0.400	ND<0.400	ND<0.400	NA
MW-F1 (duplicate)	17	12/28/2021	ND<0.400	4.36	ND<0.400	ND<0.400	5.16	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/29/2022	ND<0.500	9.77	ND<0.500	ND<0.500	10.9	ND<0.500	ND<0.500	0.640	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/19/2022	12.7	0.5	ND<0.500	0.77	0.84	1.5	ND<0.500	ND<0.500	0.58	ND<0.500	ND<0.500	NA
	17	7/5/2023	1.22	ND<0.500	ND<0.500	ND<0.500	ND<0.500	1.03	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	38	5/23/2019	480	6.80	ND<2.0	37.7	10.7	67.8	ND<2.0	ND<2.0	2.70 J	ND<2.0	ND<2.0	ND<1.00
	<i>Post Remediation Injection</i>													
	38	12/2/2020	1.68	ND<0.200	ND<0.200	ND<0.200	0.450 J	0.380 J	ND<0.200	ND<0.200	0.280 J	ND<0.200	ND<0.200	NA
MW-F2	17	5/21/2019	224	1.36	ND<0.200	107	50.6	1,340	21.7	ND<0.200	125	ND<0.200	ND<0.200	110
	<i>Post Remediation Injection</i>													
	17	12/3/2020	7.13	0.57	ND<0.200	ND<0.200	9.19	2.85	0.200 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	3/24/2021	38.3	0.71	ND<0.200	2.06	30.2	36.4	0.310 J	1.37	0.320 J	ND<0.200	ND<0.200	NA
	17	6/24/2021	147	0.420 J	ND<0.200	15.3	11	126	3.97	ND<0.200	7.08	ND<0.200	ND<0.200	NA
	17	9/29/2021	259	0.780	ND<0.200	30.8	24.6	302	11.6	ND<0.200	23.0	ND<0.200	ND<0.200	NA
	17	6/29/2022	329	0.520	ND<0.500	34.2	20.3	263	10.8	ND<0.500	36.9	ND<0.500	ND<0.500	NA
MW-F2	17	12/20/2022	105	ND<0.500	ND<0.500	11.2	5.87	110	3.63	ND<0.500	10.2	ND<0.500	ND<0.500	NA
	17	7/5/2023	91.8	ND<0.500	ND<0.500	12.1	5.43	148	4.53	ND<0.500	11.5	ND<0.500	ND<0.500	NA

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Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples^W

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-F3	17	5/21/2019	667	ND<0.200	ND<0.200	155	140	3,620	73.4	0.8	580	ND<0.200	ND<0.200	34
	<i>Post Remediation Injection</i>													
	17	11/2/2020	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	440
	17	12/2/2020	ND<0.200	0.300 J	ND<0.200	ND<0.200	0.440 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	330
	17	3/25/2021	ND<0.200	0.75	ND<0.200	ND<0.200	3.1	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	210
	17	6/22/2021	3.28	0.410 J	ND<0.200	ND<0.200	1.18	4.89	ND<0.200	ND<0.200	0.82	ND<0.200	ND<0.200	88
	17	9/28/2021	8.93	0.960	ND<0.200	0.420 J	2.26	13.7	ND<0.200	ND<0.200	2.85	ND<0.200	ND<0.200	290
	17	12/28/2021	8.52	1.00	ND<0.200	ND<0.200	2.64	15.6	ND<0.200	ND<0.200	2.12	ND<0.200	ND<0.200	130
	17	6/29/2022	73.3	2.09	ND<0.500	2.43	3.53	182	1.4	ND<0.500	28	ND<0.500	ND<0.500	110
	17	12/19/2022	77.6	1.89	ND<0.500	5.54	11.9	131	2.34	ND<0.500	57.3	ND<0.500	ND<0.500	ND<10
	17	7/5/2023	21.9	0.53	ND<0.500	1.81	2.81	49.6	0.81	ND<0.500	19.2	ND<0.500	ND<0.500	56
MW-G1	17	5/21/2019	713	7.12	ND<0.200	55.9	23.5	184	3.18	0.52	7.86	ND<0.200	ND<0.200	ND<10
	<i>Post Remediation Injection</i>													
	17	11/2/2020	1.78	0.940 J	ND<0.400	ND<0.400	1.82	4.22	ND<0.400	ND<0.400	6.00	ND<0.400	ND<0.400	NA
	17	12/2/2020	2.46	1.62	ND<0.200	ND<0.200	3.21	5.38	ND<0.200	ND<0.200	3.14	ND<0.200	ND<0.200	NA
	17	3/24/2021	ND<0.400	5.34	ND<0.400	ND<0.400	19.6	ND<0.400	2.32	ND<0.400	ND<0.400	ND<0.400	ND<0.400	20
	17	6/24/2021	3.90	0.330 J	ND<0.200	ND<0.200	2.18	1.28	ND<0.200	ND<0.200	1.01	ND<0.200	ND<0.200	11
	17	9/29/2021	0.520 J	4.74	ND<0.400	1.20	17.9	1.82	ND<0.400	0.500 J	ND<0.400	ND<0.400	ND<0.400	23
	17	12/28/2021	ND<0.400	5.56	ND<0.400	ND<0.400	17.8	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	6/30/2022	65.1	4.75	ND<0.500	1.92	16.4	10.6	ND<0.500	0.390 J	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/19/2022	21.9	0.84	ND<0.500	1.32	3.78	12.7	0.3	ND<0.500	3.43	ND<0.500	ND<0.500	NA
	17	7/5/2023	2.69	ND<0.500	ND<0.500	ND<0.500	0.78	1.03	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
MW-G2	17	5/21/2019	22.0	ND<0.200	ND<0.200	63.2	46.1	1,500	18	ND<0.200	357	ND<0.200	ND<0.200	ND<10
	<i>Post Remediation Injection</i>													
	17	11/2/2020	2.96	0.460 J	ND<0.400	ND<0.400	3.84	1.36	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/2/2020	8.44	0.440 J	ND<0.400	ND<0.400	2.26	10.8	0.350 J	ND<0.400	0.340 J	ND<0.400	ND<0.400	NA
	17	3/25/2021	46.4	0.620	ND<0.200	ND<0.200	14.5	5.71	ND<0.200	0.460 J	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/24/2021	50.2	790	ND<0.200	1.65	11.6	110	0.890	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	9/29/2021	172	2.92	ND<0.400	52.9	125	1,990	19.2	ND<0.400	517	ND<0.400	ND<0.400	NA
	17	12/29/2021	125	1.22	ND<0.200	24.4	34.8	1,040	13.7	ND<0.200	619	ND<0.200	ND<0.200	13
	17	6/29/2022	131	1.54	ND<0.500	73.2	72.2	1,350	42.8	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/19/2022	89.7	ND<0.500	ND<0.500	24.5	27.8	808	7.46	ND<0.500	468	ND<0.500	ND<0.500	NA
	17	7/5/2023	90.1	0.430 J	ND<0.500	15.4	14.8	572	4.83	ND<0.500	230	ND<0.500	ND<0.500	NA

TABLE 1
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Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples^U

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-11 (duplicate)	17	6/3/2019	190	1.74	ND<0.200	7.52	3.75	156 B	1.64	ND<0.200	9.42	ND<0.200	ND<0.200	17
			191	1.83	ND<0.200	7.88	4.04	133 B	1.65	ND<0.200	10.8	ND<0.200	ND<0.200	18
	Post Remediation Injection													
	17	11/3/2020	48.3	0.400 J	ND<0.400	0.700 J	0.480 J	18.6	ND<0.400	ND<0.400	1.36	ND<0.400	ND<0.400	15
	17	12/3/2020	88.3	0.970	ND<0.200	2.05	1.14	59.3	0.98	ND<0.200	5.8	ND<0.200	ND<0.200	14
	17	3/24/2021	20.6	ND<0.200	ND<0.200	1.58	2.35	107	0.54	1.39	16.3	ND<0.200	ND<0.200	NA
	17	6/25/2021	43.2	0.270 J	ND<0.200	0.77	0.410 J	18.1	0.390 J	ND<0.200	1.81	ND<0.200	ND<0.200	NA
	17	9/29/2021	1.79	0.940	ND<0.200	0.210 J	1.67	8.67	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	38	6/3/2019	286	2.39	ND<0.200	9.84	4.10	129 B	153	ND<0.200	7.32	ND<0.200	ND<0.200	17
	Post Remediation Injection													
MW-11	38	12/3/2020	84.2	1.01	ND<0.200	2.51	2.17	104	1.66	ND<0.200	11.5	ND<0.200	ND<0.200	NA
	38	6/25/2021	77.8	0.5	ND<0.200	4.33	3.78	235	1.33	ND<0.200	28.9	ND<0.200	ND<0.200	NA
	38	9/28/2021	0.57	5.32	ND<0.200	ND<0.200	3.54	ND<0.200	ND<0.200	0.370 J	ND<0.200	ND<0.200	ND<0.200	NA
	38	12/29/2021	ND<0.200	4.17	ND<0.200	ND<0.200	5.14	0.390	ND<0.200	0.320	ND<0.200	ND<0.200	ND<0.200	NA
	38	6/30/2022	114	5	ND<0.500	4.76	5.16	116	0.920	0.360 J	17.5	ND<0.500	ND<0.500	NA
	38	12/20/2022	71.2	0.41	ND<0.500	4.71	4.38	237	1.330	ND<0.500	33.6	ND<0.500	ND<0.500	NA
	38	7/5/2023	57.2	0.490 J	ND<0.500	4.3	3.35	204	1.810	ND<0.500	30.6	ND<0.500	ND<0.500	NA
	38	7/5/2023	57.2	0.490 J	ND<0.500	4.3	3.35	204	1.810	ND<0.500	30.6	ND<0.500	ND<0.500	NA
MW-12 (duplicate)	17	5/22/2019	516	10.6 E	ND<2.0	20.5	8.80	510	6.70	ND<2.0	92.3	ND<2.0	ND<2.0	24
			549	9.80 E	ND<2.0	16.1	7.10	534	7.20	ND<2.0	96.9	ND<2.0	ND<2.0	33
	Post Remediation Injection													
	17	11/2/2020	2.02	ND<0.400	ND<0.400	ND<0.400	2.72	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	3/24/2021	15.5	1.28	ND<0.200	0.450 J	1.35	14.2	ND<0.200	0.240 J	13.6	ND<0.200	ND<0.200	NA
	17	6/25/2021	15.4	2.08	ND<0.200	0.360 J	0.68	12.5	ND<0.200	ND<0.200	5.6	ND<0.200	ND<0.200	NA
	17	12/28/2021	31.2	2.28	ND<0.200	1.19	11.6	44.1	0.230 J	ND<0.200	38.2	ND<0.200	ND<0.200	NA
	17	6/30/2022	86.5	5.12	ND<0.500	2.17	4.73	66.7	0.450 J	0.250 J	44.7	ND<0.500	ND<0.500	NA
	17	12/20/2022	7.64	1.39	ND<0.500	0.33	0.64	10.2	ND<0.500	ND<0.500	8.98	ND<0.500	ND<0.500	NA
	17	6/3/2019	344	ND<0.200	ND<0.200	42.1	49.8	957 B	15.1	0.230 J	468	ND<0.200	ND<0.200	120
Post Remediation Injection														
MW-13	17	12/2/2020	4.73	1.16	ND<0.200	ND<0.200	0.690	44	ND<0.200	ND<0.200	0.820	ND<0.200	ND<0.200	67
	17	3/25/2021	140	1.00	ND<0.200	1.35	1.22	78.7	ND<0.200	0.250 J	2.77	ND<0.200	ND<0.200	12
	17	6/25/2021	470	1.39	ND<0.200	8.27	2.37	852	7.03	ND<0.200	56.2	ND<0.200	ND<0.200	110
	17	9/28/2021	ND<0.400	6.52	ND<0.400	ND<0.400	126	ND<0.400	ND<0.400	0.860 J	ND<0.400	ND<0.400	ND<0.400	140
	17	6/30/2022	5.36	3.88	ND<0.500	ND<0.500	113	21.1	ND<0.500	0.480 J	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/20/2022	247	0.87	ND<0.500	4.36	0.66	211	2.05	ND<0.500	16.3	ND<0.500	ND<0.500	NA
	17	7/5/2023	388	1.16	ND<0.500	8.19	1.92	910	7.51	ND<0.500	46.6	ND<0.500	ND<0.500	NA

TABLE 1
FORMER MATERIALS RESEARCH CORPORATION
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Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples¹

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-14 (duplicate)	17	7/10/2023	98.8	2.16	ND<0.500	3.64	3	ND<0.500	36.4	0.72	ND<0.500	2.81	ND<0.500	NA
	17	7/10/2023	97.3	2.09	ND<0.500	3.62	2.93	ND<0.500	35.5	0.71	ND<0.500	2.7	ND<0.500	NA
	17	11/9/2019	557	0.420 J	0.470 J	3.02	2.12	180	1.04	0.480 J B	18.0	ND<0.200	ND<0.200	150
MW-J1	Post Remediation Injection													
	17	11/3/2020	2,510	2.94	2.1	2.34	0.940 J	335	0.880 J	ND<0.400	16.7	ND<0.400	ND<0.400	NA
	17	12/3/2020	2,750	6.55	6.47	ND<0.200	1.52	420	11.1	ND<0.200	35.0	ND<0.200	0.460 J	91
	17	3/24/2021	1,250	4.74	2.46	3.36	3.45	150	1.38	ND<0.200	17.0	ND<0.200	ND<0.200	26
	17	6/24/2021	151	0.600	0.320 J	4.70	2.34	87.6	1.82	ND<0.200	11.6	ND<0.200	ND<0.200	NA
	17	9/27/2021	ND<0.400	5.40	ND<0.400	ND<0.400	6.20	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/29/2021	ND<0.200	5.72	ND<0.200	ND<0.200	4.54	ND<0.200	ND<0.200	0.280 J	ND<0.200	ND<0.200	ND<0.200	NA
	17		ND<0.200	6.04	ND<0.200	ND<0.200	4.49	ND<0.200	ND<0.200	0.290 J	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/29/2022	ND<0.500	8.98	ND<0.500	ND<0.500	12.40	1.61	ND<0.500	0.390 J	0.370 J	ND<0.500	ND<0.500	NA
	17	12/20/2022	1060	1.41	1.31	2.82	0.99	124	1.1	ND<0.500	17.1	ND<0.500	ND<0.500	NA
	17	7/5/2023	174	0.350 J	0.290 J	3.78	1.69	99	1.48	ND<0.500	14.3	ND<0.500	ND<0.500	110
	17	11/9/2019	64.6	ND<0.200	ND<0.200	9.58	47.1	222	4.55	1.79 B	101	ND<0.200	ND<0.200	NA
MW-J2	Post Remediation Injection													
	17	12/3/2020	143	1.28	ND<0.200	ND<0.200	5.58	83.6	5.47	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	3/24/2021	47.8	2.52	ND<0.200	ND<0.200	ND<0.200	5.32	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/25/2021	239	1.20 J	ND<1.00	5.10	5.90	114	3.45	ND<1.00	35.8	ND<1.00	ND<1.00	NA
	17	9/27/2021	ND<0.400	6.94	ND<0.400	ND<0.400	73.8	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/29/2021	ND<0.200	5.28	ND<0.200	ND<0.200	55.3	ND<0.200	ND<0.200	0.440 J	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/29/2022	ND<0.500	6.36	ND<0.500	ND<0.500	88.7	0.900 J	ND<0.500	0.520 J	ND<0.500	ND<0.500	ND<0.500	NA
	17	12/20/2022	2670	2.86	0.34	4.97	2.79	422	2.39	ND<0.500	66.8	ND<0.500	0.31 J	NA
	17	7/5/2023	31.2	1.16	ND<0.500	0.77	8.93	13.1	0.290 J	ND<0.500	1.86	ND<0.500	ND<0.500	NA
	15	6/4/2019	17.8	3.41	ND<0.200	8.71	6.73	8.56 B	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	Post Remediation Injection													
	15	11/3/2020	0.720 J	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
MW-3D	15	3/24/2021	2.24	ND<0.200	ND<0.200	0.710	0.470 J	ND<0.200	5.65	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	37	6/4/2019	22.9	11.8	ND<0.200	30.0	7.89	0.590 B	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	Post Remediation Injection													
MW-4S	37	11/3/2020	1.94	ND<0.400	ND<0.400	1.3	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	10	6/4/2019	19.3	ND<0.200	ND<0.200	0.310 J	ND<0.200	14.2 B	0.260 J	0.280 J	0.750	ND<0.200	ND<0.200	<10
	Post Remediation Injection													
MW-4D	10	11/3/2020	15.2	ND<0.400	ND<0.400	ND<0.400	ND<0.400	6.50	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	30	6/4/2019	80	0.380 J	ND<0.200	2.61	0.6	104 B	1.50	0.450 J	9.53	ND<0.200	ND<0.200	<10
	Post Remediation Injection													
	30	11/3/2020	41.7	ND<0.400	ND<0.400	1.16	ND<0.400	57.3	0.700 J	ND<0.400	5.28	ND<0.400	ND<0.400	NA

TABLE 1
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples^W

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-7S (duplicate)	13	5/24/2019	499	1.97	ND<0.200	7.76	1.97	294	3.83	ND<0.200	48.6	ND<0.200	ND<0.200	140
	Post Remediation Injection													
	13	11/2/2020	2.68	ND<0.400	ND<0.400	ND<0.400	0.440 J	6.16	ND<0.400	ND<0.400	ND<0.400	0.800 J	ND<0.400	29
	13	3/25/2021	1.59	0.320 J	ND<0.200	ND<0.200	0.430 J	2.68	ND<0.200	ND<0.200	0.230 J	ND<0.200	ND<0.200	NA
	13	6/23/2021	117	1.92	ND<0.200	3.89	1.88	134	1.48	ND<0.200	29.5	ND<0.200	ND<0.200	NA
	13	9/28/2021	157	2.26	ND<0.200	4.36	1.89	213	6.57	ND<0.200	28.8	ND<0.200	ND<0.200	NA
	13	12/29/2021	319	3.34	ND<0.200	4.91	2.79	251	2.12	ND<0.200	52.4	ND<0.200	ND<0.200	NA
	13	6/28/2022	328	8.12	0.380	15.6	11.4	215	4.71	0.200 J B	56.2	ND<0.500	ND<0.500	NA
	13	12/20/2022	41	1.35	ND<0.500	1.28	0.84	38.3	0.25	ND<0.500	4.17	ND<0.500	ND<0.500	NA
	13	7/10/2023	336	1.19	ND<0.500	2.9	0.9	ND<0.500	248	1.63	ND<0.500	14.8	ND<0.500	NA
MW-7D (duplicate)	29	6/3/2019	6.47	ND<0.200	ND<0.200	0.690	0.230 J	7.0 B	0.200 J	ND<0.200	1.76	ND<0.200	ND<0.200	<10
	Post Remediation Injection													
	29	12/2/2020	1.71	ND<0.200	ND<0.200	ND<0.200	ND<0.200	2.60	ND<0.200	ND<0.200	0.67	ND<0.200	ND<0.200	NA
MW-9S	15	5/24/2019	68.3	4.42	ND<0.200	26.8	4.89	22.8	0.6	ND<0.200	2.7	ND<0.200	ND<0.200	82
	Post Remediation Injection													
	15	10/28/2020	4.89	1.24	ND<0.200	ND<0.200	2.00	2.35	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	100
	15	12/1/2020	5.78	2.32	ND<0.400	ND<0.400	1.92	2.24	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	47
	15	3/23/2021	5.78	1.13	ND<0.200	0.970	1.59	1.95	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	26
	15	6/21/2021	16.0	0.730	ND<0.200	2.92	2.03	6.86	ND<0.200	ND<0.200	2.03	ND<0.200	ND<0.200	53
	15	10/1/2021	19.8	ND<0.200	ND<0.200	4.50	1.16	4.02	0.840	ND<0.200	1.37	ND<0.200	ND<0.200	NA
	15	10/1/2021	19.9	1.65	ND<0.200	2.66	1.75	4.06	0.790	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	15	12/27/2021	9.02	0.760 J	ND<0.400	1.48	1.06	2.54	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	120
	15	6/29/2022	10.8	0.9	ND<0.500	1.93	1.81	6.07	ND<0.500	ND<0.500	1.62	ND<0.500	ND<0.500	94
MW-9D (duplicate)	15	12/20/2022	8.51	0.4	ND<0.500	1.32	0.91	3.31	ND<0.500	ND<0.500	0.89	ND<0.500	ND<0.500	NA
	15	7/6/2023	10.8	0.92	ND<0.500	2.19	1.51	4.71	ND<0.500	ND<0.500	0.93	ND<0.500	ND<0.500	NA
	36	6/4/2019	484	18.1	ND<0.200	134	44.8	139 B	2.26	0.260 J	28.4	ND<0.200	ND<0.200	47
	Post Remediation Injection													
	36	10/28/2020	ND<0.400	15.7	ND<0.400	ND<0.400	48.4	ND<0.400	ND<0.400	0.840 J	ND<0.400	ND<0.400	ND<0.400	20
	36	12/1/2020	ND<0.400	7.70	ND<0.400	ND<0.400	18.9	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	36	3/23/2021	ND<0.400	1.52	ND<0.400	ND<0.400	3.34	ND<0.400	0.400 J	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	36	6/21/2021	ND<0.200	11.6	ND<0.200	ND<0.200	29.8	ND<0.200	ND<0.200	0.340 J	ND<0.200	ND<0.200	ND<0.200	NA
	36	10/1/2021	ND<1.00	20.9	ND<1.00	ND<1.00	42.8	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	NA
	36	12/27/2021	ND<0.400	31.6	ND<0.400	ND<0.400	58.9	ND<0.400	ND<0.400	0.700 J	ND<0.400	ND<0.400	ND<0.400	NA
MW-9D (duplicate)	36	6/29/2022	ND<0.500	7.86	ND<0.500	ND<0.500	15.4	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	36	12/20/2022	16.1	13.7	ND<0.500	ND<0.500	37.4	2.16	ND<0.500	0.33 J	ND<0.500	ND<0.500	ND<0.500	NA
	36	7/6/2023	15.3	14.2	ND<0.500	ND<0.500	39	1.99	ND<0.500	0.34 J	ND<0.500	ND<0.500	ND<0.500	NA
	36	7/6/2023	21.8	6.47	ND<0.500	4.39	14.3	3.93	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA

TABLE 1
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples¹

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-10S	15	5/24/2019	1.00	ND<0.200	ND<0.200	ND<0.200	ND<0.200	0.600	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<10
	<i>Post Remediation Injection</i>													
	15	10/28/2020	6.89	ND<0.200	ND<0.200	0.620	0.300 J	6.63	ND<0.200	ND<0.200	0.500	ND<0.200	ND<0.200	ND<10
	15	12/3/2020	3.40	ND<0.200	ND<0.200	0.230 J	ND<0.200	3.42	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	15	3/25/2021	0.270 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	15	6/21/2021	0.420 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	15	9/27/2021	0.58	ND<0.200	ND<0.200	ND<0.200	ND<0.200	0.430 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND0.200	NA
	15	12/29/2021	2.35	ND<0.200	ND<0.200	ND<0.200	ND<0.200	3.04	ND<0.200	ND<0.200	0.250 J	ND<0.200	ND<0.200	NA
	15	12/20/2022	2.4	ND<0.500	ND<0.500	ND<0.500	ND<0.500	2.67	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
	15	7/10/2023	1.21	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	1.24	ND<0.500	ND<0.500	ND<0.500	ND<0.500	NA
MW-10D	30	5/24/2019	29.3	ND<0.200	ND<0.200	1.36	0.730	17.8	0.390 J	ND<0.200	1.20	ND<0.200	ND<0.200	ND<10
	<i>Post Remediation Injection</i>													
	30	10/28/2020	33.2	ND<0.200	ND<0.200	1.60	0.690	19.4	0.470 J	ND<0.200	1.20	ND<0.200	ND<0.200	ND<10
	30	12/3/2020	32.0	ND<0.200	0.240 J	ND<0.200	0.670	18.7	0.490 J	ND<0.200	1.19	ND<0.200	ND<0.200	NA
	30	3/25/2021	24.4	ND<0.200	ND<0.200	1.31	0.690	17.1	0.360 J	ND<0.200	0.83	ND<0.200	ND<0.200	NA
	30	6/21/2021	31.6	ND<0.200	ND<0.200	1.49	0.740	17.8	0.430	ND<0.200	1.24	ND<0.200	ND<0.200	NA
	30	9/27/2021	26.2	ND<0.200	ND<0.200	1.18	0.052	15.4	0.350 J	ND<0.200	0.970	ND<0.200	ND<0.200	NA
	30	12/29/2021	24.5	ND<0.200	ND<0.200	0.920	0.390	12.8	0.330 J	ND<0.200	0.910	ND<0.200	ND<0.200	NA
	30	12/20/2022	25.8	ND<0.500	ND<0.500	1.040	0.470	14.4	0.34	ND<0.500	0.790	ND<0.500	ND<0.500	NA
	30	7/10/2023	18.9	ND<0.500	ND<0.500	0.790	0.360	ND<0.500	12	0.29	ND<0.500	0.5	ND<0.500	NA
MW-27D	30	5/23/2019	3,130	39	ND<0.500	389	224	879	11.8J	ND<0.500	96.8	ND<0.500	ND<0.500	NA
	<i>Post Remediation Injection</i>													
	30	10/28/2020	ND<0.200	16.5	ND<0.200	ND<0.200	152	ND<0.200	ND<0.200	0.410 J	ND<0.200	ND<0.200	0.250 J	NA
	30	12/1/2020	ND<0.400	18.0	ND<0.400	ND<0.400	112	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	30	3/23/2021	ND<0.400	20.6	ND<0.400	ND<0.400	196	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	30	6/24/2021	ND<0.200	24.0	ND<0.200	ND<0.200	126	ND<0.200	0.430 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	30	6/30/2022	1,150	18.0	0.400	144	248	1,230	48.5	0.640	225	ND<0.500	0.650	NA
	30	12/19/2022	1,470	20.6	0.580	196	232	1,440	26.8	0.520	293	ND<0.500	0.340	NA
	30	7/5/2023	1,080	17.5	0.250 J	177	164	914	21.4	0.330 J	169	ND<0.500	ND<0.500	65
	17	5/22/2019	50.1	0.39 E	ND<0.200	2.76	1.39	95.1	1.14	0.300 J	ND<0.200	ND<0.200	ND<0.200	48
MW-28S	<i>Post Remediation Injection</i>													
	17	11/2/2020	ND<0.400	1.32	ND<0.400	ND<0.400	1.40	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	110
	17	12/2/2020	ND<0.400	1.50	ND<0.400	ND<0.400	1.30	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	3/22/2021	ND<0.200	0.800	ND<0.200	ND<0.200	0.780	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	6/23/2021	1.50	0.330 J	ND<0.200	ND<0.200	0.410 J	2.81	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	17	9/28/2021	3.64	3.50	ND<0.400	ND<0.400	9.02	6.56	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	17	12/28/2021	15.0	2.48	ND<0.400	ND<0.400	4.16	51.1	1.52	ND<0.400	1.46	ND<0.400	ND<0.400	NA
	17	7/5/2023	14.4	0.270 J	ND<0.500	1.13	0.83	50.6	0.480 J	ND<0.500	6.29	ND<0.500	ND<0.500	NA

TABLE 1
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds Results for Post-Injection Groundwater Samples^{1/}

Sample Location	Depth of Sample (ft bg)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetrachloride	1,1,2-Trichloro-ethane	Methane
MW-28D	38	5/22/2019	403	ND<2.0	ND<2.0	18.8	6.80	396	4.80 J	ND<2.0	35.3	ND<2.0	ND<2.0	83
	<i>Post Remediation Injection</i>													
	38	11/2/2020	ND<0.400	4.84	ND<0.400	ND<0.400	7.92	2.28	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	67
	38	12/2/2020	ND<0.400	6.18	ND<0.400	ND<0.400	8.18	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	73
	38	3/22/2021	ND<0.200	7.85	ND<0.200	ND<0.200	9.00	ND<0.200	ND<0.200	0.210 J	ND<0.200	ND<0.200	ND<0.200	110
	38	6/23/2021	ND<0.200	7.85	ND<0.200	ND<0.200	8.29	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	150
	38	9/28/2021	3.04	10.1	ND<0.200	ND<0.200	11.4	0.430 J	ND<0.200	0.220 J	ND<0.200	ND<0.200	ND<0.200	NA
	38	12/28/2021	57.3	10.8	ND<0.200	ND<0.200	10.6	21.7	0.880	0.250 J	ND<0.200	ND<0.200	ND<0.200	96
	38	6/30/2022	400	11.1	0.520	18.3	11.5	294	4.86	0.210 J	59.3	ND<0.500	ND<0.500	200
	38	12/19/2022	335	10.5	0.510	15.4	9.39	345	3.75	0.210	60	ND<0.500	ND<0.500	130
MW-29S	38	7/5/2023	382	9.35	0.350 J	17.2	11.4	346	4.55	ND<0.500	49	ND<0.500	ND<0.500	NA
	17	5/21/2019	69.7	ND<2.0	ND<2.0	9.70	6.20	51.7	ND<2.0	ND<2.0	6.10	ND<2.0	ND<2.0	40
	<i>Post Remediation Injection</i>													
	15	10/27/2020	ND<0.400	1.26	ND<0.400	ND<0.400	3.06	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	15	3/22/2021	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	2.35	ND<0.200	ND<0.200	ND<0.200	42
MW-29D (duplicate)	15	6/22/2021	2.51	ND<0.200	ND<0.200	ND<0.200	ND<0.200	2.00	ND<0.200	ND<0.200	0.230 J	ND<0.200	ND<0.200	NA
	15	9/28/2021	1.30	ND<0.200	ND<0.200	ND<0.200	ND<0.200	0.950	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	NA
	38	5/21/2019	1,850	2.37	ND<0.200	194	109	496	12.9	ND<0.200	131	ND<0.200	0.330 J	NA
	<i>Post Remediation Injection</i>													
	38	10/27/2020	ND<0.400	2.62	ND<0.400	ND<0.400	53.4	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	38	12/1/2020	ND<0.400	5.82	ND<0.400	ND<0.400	70.0	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	NA
	38	3/22/2021	ND<0.200	4.32	ND<0.200	ND<0.200	81.4	ND<0.200	ND<0.200	0.600	ND<0.200	ND<0.200	0.330 J	NA
	38	6/22/2021	ND<0.200	3.95	ND<0.200	ND<0.200	82.6	ND<0.200	ND<0.200	0.480 J	ND<0.200	ND<0.200	0.310 J	NA
	38	9/28/2021	ND<0.400	4.84	ND<0.400	ND<0.400	84.7	ND<0.400	ND<0.400	0.440 J	ND<0.400	ND<0.400	ND<0.400	NA
	38	12/27/2021	2.42	4.96	ND<0.400	ND<0.400	70.5	2.08	ND<0.400	0.480 J	ND<0.400	ND<0.400	ND<0.400	NA
	38	6/28/2022	91.6	10.0	ND<0.500	ND<0.500	60.2	24.7	1.50	0.680	ND<0.500	ND<0.500	0.400 J	NA
	38	12/19/2022	134	2.02	ND<0.500	25.1	25.9	60.4	0.81	2.490	16.2	ND<0.500	ND<0.500	NA
	38	7/5/2023	116	2.0	ND<0.500	26.6	27.1	63.2	0.83	2.670	17.1	ND<0.500	ND<0.500	NA
NYSDEC TOGS Guidance Values			5	5	5	5	5	5	5	7	2	5	5	--

^{1/} All concentrations reported in micrograms per liter (parts per billion).

J Estimated value. Result detected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.

B Analyte found in the associated analysis batch blank.

E The value reported is Estimated due to its behavior during continuing calibration verification.

NA - Constituent not tested.

NYSDEC TOGS - New York Department of Environmental Conservation Technical and Operational Guidance Series

ND<1 - Not detected above noted concentrations.

ft bg - feet below grade

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
ONSITE MONITORING WELLS													
MW-A1	17	5/22/2019	93.4	15.0 E	ND<0.200	68.7	4.2	11.5	2.13	0.370 J	0.760	ND<0.200	ND<0.200
	<i>Post Remediation Injection (2020)</i>												
	17	12/1/2020	1.58	0.620 J	ND<0.400	ND<0.400	1.14	0.980 J	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400
	17	3/23/2021	ND<0.400	14.8	ND<0.400	ND<0.400	4.00	6.86	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400
	17	6/21/2021	2.68	4.79	ND<0.200	ND<0.200	1.42	1.88	0.310 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	17	9/30/2021	ND<0.400	17.8	ND<0.400	ND<0.400	3.54	ND<0.400	ND<0.400	0.420 J	ND<0.400	ND<0.400	ND<0.400
	17	12/27/2021	ND<0.400	13.1	ND<0.400	ND<0.400	2.92	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400
	17	12/20/2022	3.84	19.9	ND<0.500	ND<0.500	7.53	ND<0.500	ND<0.500	0.34 J	ND<0.500	ND<0.500	ND<0.500
	17	7/6/2023	25.4	12.7	ND<0.500	5.31	2.99	1.42	ND<0.500	0.300 J	ND<0.500	ND<0.500	ND<0.500
MW-1	--	7/13/1999	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
	14.5	4/13/2007	2J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	16	7/11/2023	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
MW-9S	12.5	4/19/2002	20	6	ND<1	8	4	4	ND<1	ND<1	1J	ND<1	ND<1
	12.5	5/11/2004	56	14	ND<1	9	7	15	ND<1	ND<1	5	ND<1	ND<1
	15	4/13/2007	20	5	ND<5	5	4J	7	ND<5	ND<5	3J	ND<5	ND<5
	15	8/30/2010	29	3.1 J	ND<0.52	6.7	4.8 J	13	ND<0.65	ND<0.36	3.2 J	ND<1	ND<1
	13	11/5/2010	23	1.8 J	ND<0.52	6.2	4.3 J	13	ND<0.65	ND<0.36	2.5 J	ND<1	ND<1
	15	11/16/2012	13	1.2 J	ND<5	7.1	3.8 J	13	ND<5	ND<5	1.5 J	ND<5	ND<5
	17	1/9/2013	13	1.2 J	ND<5	5.1	2.6 J	6.5	ND<5	ND<5	0.87 J	ND<5	ND<5
	17	2/19/2013	20	3.0 J	ND<5	11	3.5 J	9.9	ND<5	ND<5	ND<5	ND<5	ND<5
	13	3/18/2013	29	3.9 J	ND<5	15	4.1 J	15	ND<5	ND<5	1.2 J	ND<5	ND<5
			30	4.2 J	ND<5	15	4.3	17	ND<5	ND<5	1.2 J	ND<5	ND<5
	15	5/24/2019	68.3	4.42	ND<0.200	26.8	4.89	22.8	0.6	ND<0.200	2.7	ND<0.200	ND<0.200
	<i>Post Remediation Injection (2020)</i>												
	15	10/28/2020	4.89	1.24	ND<0.200	ND<0.200	2.00	2.35	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	15	12/1/2020	5.78	2.32	ND<0.400	ND<0.400	1.92	2.24	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400
	15	3/23/2021	5.78	1.13	ND<0.200	0.970	1.59	1.95	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	15	6/21/2021	16.0	0.730	ND<0.200	2.92	2.03	6.86	ND<0.200	ND<0.200	2.03	ND<0.200	ND<0.200
	15	10/1/2021	19.8	ND<0.200	ND<0.200	4.50	1.16	4.02	0.840	ND<0.200	1.37	ND<0.200	ND<0.200
			19.9	1.65	ND<0.200	2.66	1.75	4.06	0.790	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	15	12/27/2021	9.02	0.760 J	ND<0.400	1.48	1.06	2.54	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400
	15	6/29/2022	10.8	0.9	ND<0.500	1.93	1.81	6.07	ND<0.500	ND<0.500	1.62	ND<0.500	ND<0.500
	15	12/20/2022	8.51	0.4	ND<0.500	1.32	0.91	3.31	ND<0.500	ND<0.500	0.89	ND<0.500	ND<0.500
	15	7/6/2023	10.8	0.92	ND<0.500	2.19	1.51	4.71	ND<0.500	ND<0.500	0.93	ND<0.500	ND<0.500

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
MW-9D	30	4/19/2002	900	11	ND<1	180	100	240	ND<1	ND<1	29	ND<1	ND<1
	30	5/11/2004	72	7	ND<1	22	8	34	ND<1	ND<1	3	ND<1	ND<1
	36	4/14/2007	200	5	ND<5	15	ND<5	26	ND<5	ND<5	5	4J	ND<5
	31	8/30/2010	60	5.3	ND<0.52	35	36	130	ND<0.65	ND<0.36	27	ND<1	ND<1
	36	11/5/2010	120	21	ND<0.52	150	82	470	4.9J	ND<0.36	97	ND<1	ND<1
	30	11/16/2012	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	30	1/9/2013	ND<5	ND<5	ND<5	ND<5	ND<5	0.82J	ND<5	ND<5	ND<5	ND<5	ND<5
	30	2/19/2013	5.8	ND<5	ND<5	2.1J	1.6J	6.2	ND<5	ND<5	6.2	ND<5	ND<5
	36	3/18/2013	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	36	6/4/2019	484	18.1	ND<0.200	134	44.8	139 B	2.26	0.260 J	28.4	ND<0.200	ND<0.200
	<i>Post Remediation Injection (2020)</i>												
	36	10/28/2020	ND<0.400	15.7	ND<0.400	ND<0.400	48.4	ND<0.400	ND<0.400	0.840 J	ND<0.400	ND<0.400	ND<0.400
	36	12/1/2020	ND<0.400	7.70	ND<0.400	ND<0.400	18.9	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400	ND<0.400
	36	3/23/2021	ND<0.400	1.52	ND<0.400	ND<0.400	3.34	ND<0.400	0.400 J	ND<0.400	ND<0.400	ND<0.400	ND<0.400
	36	6/21/2021	ND<0.200	11.6	ND<0.200	ND<0.200	29.8	ND<0.200	ND<0.200	0.340 J	ND<0.200	ND<0.200	ND<0.200
	36	10/1/2021	ND<1.00	20.9	ND<1.00	ND<1.00	42.8	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00
	36	12/27/2021	ND<0.400	31.6	ND<0.400	ND<0.400	58.9	ND<0.400	ND<0.400	0.700 J	ND<0.400	ND<0.400	ND<0.400
	36	6/29/2022	ND<0.500	7.86	ND<0.500	ND<0.500	15.4	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500
	36	12/20/2022	16.1	13.7	ND<0.500	ND<0.500	37.4	2.16	ND<0.500	0.33 J	ND<0.500	ND<0.500	ND<0.500
			15.3	14.2	ND<0.500	ND<0.500	39	1.99	ND<0.500	0.34 J	ND<0.500	ND<0.500	ND<0.500
	36	7/6/2023	21.8	6.47	ND<0.500	4.39	14.3	3.93	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
MW-10S	19	4/19/2002	11	ND<1	ND<1	3	25	83	ND<1	ND<1	58	ND<1	ND<1
	19	5/11/2004	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
	12	4/13/2007	8	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	12	8/30/2010	2.9J	ND<0.95	ND<0.52	ND<1.3	ND<0.69	2.0J	ND<0.65	ND<0.36	ND<0.97	ND<1	ND<1
	15	11/16/2012	5.7	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	17	1/9/2013	1.1J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	17	2/19/2013	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	13	3/18/2013	ND5/0.86J	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5	ND<5/ND<5
	15	5/24/2019	1.00	ND<0.200	ND<0.200	ND<0.200	ND<0.200	0.600	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	Post Remediation Injection (2020)												
	15	10/28/2020	6.89	ND<0.200	ND<0.200	0.620	0.300 J	6.63	ND<0.200	ND<0.200	0.500	ND<0.200	ND<0.200
	15	12/3/2020	3.40	ND<0.200	ND<0.200	0.230 J	ND<0.200	3.42	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	15	3/25/2021	0.270 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	15	6/21/2021	0.420 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND<0.200
	15	9/27/2021	0.58	ND<0.200	ND<0.200	ND<0.200	ND<0.200	0.430 J	ND<0.200	ND<0.200	ND<0.200	ND<0.200	ND0.200
	15	12/29/2021	2.35	ND<0.200	ND<0.200	ND<0.200	ND<0.200	3.04	ND<0.200	ND<0.200	0.250 J	ND<0.200	ND<0.200
	15	12/20/2022	2.4	ND<0.500	ND<0.500	ND<0.500	ND<0.500	2.67	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500
	15	7/10/2023	1.21	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<0.500	1.24	ND<0.500	ND<0.500	ND<0.500	ND<0.500
MW-10D	30	4/19/2002	100	ND<1	ND<1	11	31	180	ND<1	ND<1	84	ND<1	ND<1
	30	5/11/2004	80	ND<1	ND<1	9	14	130	1	ND<1	41	ND<1	ND<1
	30.5	4/13/2007	48	ND<5	ND<5	4J	6	56	ND<5	ND<5	12	ND<5	ND<5
	30.5	8/30/2010	42	ND<0.95	ND<0.52	2.5J	1.9J	35	ND<0.65	ND<0.36	3.3J	ND<1	ND<1
	32.5	11/16/2012	38	ND<5	ND<5	1.1J	ND<5	27	ND<5	ND<5	1.2J	ND<5	ND<5
	33	1/10/2013	34	ND<5	ND<5	1.6J	1.0J	28	ND<5	ND<5	1.6J	ND<5	ND<5
	30	2/19/2013	31	ND<5	ND<5	1.6J	1.0J	25	ND<5	ND<5	2.0J	ND<5	ND<5
	30	3/18/2013	27	ND<5	ND<5	1.2J	1.0J	24	ND<5	ND<5	1.1J	ND<5	ND<5
	30	5/24/2019	29.3	ND<0.200	ND<0.200	1.36	0.730	17.8	0.390 J	ND<0.200	1.20	ND<0.200	ND<0.200
	Post Remediation Injection (2020)												
	30	10/28/2020	33.2	ND<0.200	ND<0.200	1.60	0.690	19.4	0.470 J	ND<0.200	1.20	ND<0.200	ND<0.200
	30	12/3/2020	32.0	ND<0.200	0.240 J	ND<0.200	0.670	18.7	0.490 J	ND<0.200	1.19	ND<0.200	ND<0.200
	30	3/25/2021	24.4	ND<0.200	ND<0.200	1.31	0.690	17.1	0.360 J	ND<0.200	0.83	ND<0.200	ND<0.200
	30	6/21/2021	31.6	ND<0.200	ND<0.200	1.49	0.740	17.8	0.430	ND<0.200	1.24	ND<0.200	ND<0.200
	30	9/27/2021	26.2	ND<0.200	ND<0.200	1.18	0.052	15.4	0.350 J	ND<0.200	0.970	ND<0.200	ND<0.200
	30	12/29/2021	24.5	ND<0.200	ND<0.200	0.920	0.390	12.8	0.330 J	ND<0.200	0.910	ND<0.200	ND<0.200
	30	12/20/2022	25.8	ND<0.500	ND<0.500	1.040	0.470	14.4	0.34	ND<0.500	0.790	ND<0.500	ND<0.500
	30	7/10/2023	18.9	ND<0.500	ND<0.500	0.790	0.360	ND<0.500	12	0.29	ND<0.500	0.5	ND<0.500

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
MW-11S	19	4/19/2002	65	ND<1	ND<1	ND<1	2	45	ND<1	ND<1	ND<10	ND<1	ND<1
	19	5/13/2004	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
	12.5	4/14/2007	4J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	12.5	8/30/2010	18	ND<0.95	ND<0.52	ND<1.3	ND<0.69	8.1	ND<0.65	ND<0.36	ND<0.97	ND<1	ND<1
	15	11/16/2012	15	ND<5	ND<5	ND<5	ND<5	7.1	ND<5	ND<5	ND<5	ND<5	ND<5
	15	1/9/2013	2.8J	ND<5	ND<5	ND<5	ND<5	1.3J	ND<5	ND<5	ND<5	ND<5	ND<5
	17	2/19/2013	0.98J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	17	7/10/2023	4.36	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.95	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-11D	19	4/19/2002	92	ND<1	ND<1	ND<1	3	90	ND<1	ND<1	3J	ND<1	ND<1
	19	5/13/2004	57	ND<1	ND<1	ND<1	1	31	ND<1	ND<1	2	ND<1	ND<1
	12.5	4/14/2007	23	ND<5	ND<5	ND<5	ND<5	14	ND<5	ND<5	ND<5	ND<5	ND<5
	15	8/30/2010	46	ND<0.95	2.1J	ND<1.3	0.86J	21	ND<0.65	ND<0.36	ND<0.97	ND<1	ND<1
	15	11/16/2012	47	ND<5	1.8J	ND<5	ND<5	19	ND<5	ND<5	ND<5	ND<5	ND<5
	15	1/9/2013	2.6J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	17	2/19/2013	32	ND<5	1.2J	ND<5	ND<5	15	ND<5	ND<5	ND<5	ND<5	ND<5
	30	7/10/2023	22.1	ND<0.5	1.16	ND<0.5	ND<0.5	5.78	0.48	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-12	23	4/19/2002	21,000	ND<500	3,700	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500	ND<500
	23	5/13/2004	71	ND<1	ND<1	ND<1	ND<1	12	ND<1	ND<1	1	ND<1	ND<1
	22	4/14/2007	3J	ND<5	ND<5	ND<5	ND<5	1J	ND<5	ND<5	ND<5	ND<5	ND<5
	22	1/6/2009	77	1J	ND<5	ND<5	ND<5	20	ND<5	ND<5	ND<5	ND<5	ND<5
	22	2/20/2009	18	ND<1	ND<1	ND<1	ND<1	5.3	ND<1	ND<1	ND<1	ND<1	ND<1
	22	4/21/2009	78	ND<5	ND<5	ND<1	ND<1	6	ND<1	ND<5	ND<5	ND<5	ND<5
	24	11/26/2013	24	ND<5	ND<5	ND<5	ND<5	32	ND<5	ND<5	ND<5	ND<5	ND<5
	<i>Post Remediation Injection (2014)</i>												
	25	11/25/2014	6.2	ND<2.5	ND<2.5	ND<2.5	ND<2.5	4J	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	25	12/22/2014	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	25	7/10/2023	361	6.54	1.07	2.7	ND<0.5	35.1	0.57	0.57	ND<0.5	3.44	ND<0.5

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
MW-13 (duplicate)	25	4/19/2002	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	ND<1	ND<1
			1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	ND<1	ND<1
			1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<10	ND<1	ND<1
	25	5/13/2004	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
	22	7/6/2023	1.06	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-15S	15	4/14/2007	2J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	15	1/6/2009	2	ND<5	ND<5	ND<5	ND<5	2	ND<5	ND<5	ND<5	ND<5	ND<5
	15	2/20/2009	1.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	15	4/21/2009	2J	ND<5	ND<5	ND<5	ND<5	1J	ND<5	ND<5	ND<5	ND<5	ND<5
	17	11/26/2013	1.1J	ND<5	ND<5	ND<5	ND<5	2.3J	ND<5	ND<5	ND<5	ND<5	ND<5
	<i>Post Remediation Injection (2014)</i>												
	18	11/25/2014	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	16	7/10/2023	0.88	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.32	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-18	13	4/14/2007	1 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	2 J	ND<5	ND<5	ND<5
	13	11/15/2010	9.6	ND<0.95	ND<0.52	ND<1.3	ND<0.69	7.4	ND<0.65	ND<0.36	ND<0.97	ND<1	ND<1
	14	7/11/2023	2.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.87	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-21	15	4/14/2007	3 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	15	1/6/2009	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	15	2/20/2009	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
	15	4/21/2009	3 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	17	11/26/2013	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	<i>Post Remediation Injection (2014)</i>												
	18	11/25/2014	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
			ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	16	12/22/2014	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
			ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	14	7/6/2023	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
MW-22	18	4/11/2007	1,200	40	19	3J	ND<5	13	ND<5	7	ND<5	17	ND<5
	18	1/6/2009	2,100	27J	29J	ND<50	ND<50	20J	ND<50	ND<50	ND<50	36J	ND<50
	18	2/20/2009	ND<100	47J	71J	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	110	ND<100
	18	4/21/2009	4,000	28J	ND<130	ND<130	ND<130	ND<130	ND<130	ND<130	ND<130	53J	ND<130
	18	11/5/2010	220	2.8J	10	ND<1.3	ND<0.69	4.7J	ND<0.65	12	ND<0.97	4.7J	
	19	11/26/2013	30	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	21	ND<5	17	ND<5
	<i>Post Remediation Injection (2014)</i>												
	16	11/25/2014	3J	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	11	ND<2.5	3.3J	ND<2.5
	18	12/22/2014	420	5.6	11	ND<2.5	ND<2.5	4.2J	ND<2.5	8.4	ND<2.5	18	ND<2.5
	18	7/10/2023	1,060	13.4	26.4	2.39	ND<0.5	43.1	0.4	2.99	ND<0.5	55	ND<0.5
INSTRUMENTATION LABORATORIES PROPERTY WELLS													
IL-MW-7S	10	4/11/2007	2 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	<i>Post Remediation Injection (2014)</i>												
	14	7/6/2023	1.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
IL-MW-7D	35	7/6/2023	60.4	1.01	0.56	2.72	1.16	6.69	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
IL-MW-8S	16	4/11/2007	950	7	3 J	24	6	43	ND<5	ND<5	ND<5	10	ND<5
	16	2/7/2014	320	ND<25	ND<25	7.0J	ND<25	21	ND<25	ND<25	ND<25	5.4	ND<25
	<i>Post Remediation Injection (2014)</i>												
	16	11/13/2014	ND<2.5	3.8J	ND<2.5	ND<2.5	3J	ND<2.5	ND<2.5	ND<2.5	ND<2.5	9.9	ND<2.5
	16	12/18/2014	23	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	19	7/6/2023	67.8	0.66	0.52	6.17	1.98	16.9	ND<0.5	0.57	ND<0.5	2.68	ND<0.5
IL-MW-8D	28	7/6/2023	68.6	0.51	0.45	6.74	2.02	16.6	ND<0.5	0.51	ND<0.5	1.75	ND<0.5

TABLE 2
FORMER MATERIALS RESEARCH CORPORATION
542 ROUTE 303
ORANGETOWN, NEW YORK

Summary of Volatile Organic Compounds for Operational Unit 2 (OU-2) Area (ug/L)

Sample Location	Depth of Sample (ft)	Date Sampled	Trichloro-ethylene	1,1,1-Trichloro-ethane	Tetrachloro-ethylene	1,1-Dichloro-ethylene	1,1-Dichloro-ethane	cis-1,2-Dichloro-ethylene	trans-1,2-Dichloro-ethylene	Chloroform	Vinyl Chloride	Carbon Tetra-chloride	1,1,2-Trichloro-ethane
IL-MW-9S	12	4/11/2007	3J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	14	2/7/2014	4.8J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
	<i>Post Remediation Injection (2014)</i>												
	12	11/13/2014	16	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	12	12/18/2014	7.2	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	12.5	7/6/2023	7.24	ND<0.5	0.42 J	ND<0.5	ND<0.5	1.26	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
IL-MW-9D	35	7/6/2023	23.6	ND<0.5	ND<0.5	6.38	1.84	12.9	ND<0.5	0.4 J	ND<0.5	ND<0.5	ND<0.5
IL-MW-14S	15	7/6/2023	4.85	ND<0.5	ND<0.5	0.74	1.57	15.3	ND<0.5	ND<0.5	1.57	ND<0.5	ND<0.5
IL-MW-14D	36	7/6/2023	88.8	2.36	ND<0.5	6.97	4.09	68.2	1.23	ND<0.5	8.36	ND<0.5	ND<0.5
OFFSITE WELLS LOCATED IN ROADWAYS													
MW-30S	17	7/6/2023	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
MW-30D	37	7/6/2023	ND<0.5	ND<0.5	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.25 J	ND<0.5	ND<0.5	ND<0.5
303-MW-31S	21	7/11/2023	2.12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.58	ND<0.5	1.18	ND<0.5	ND<0.5	ND<0.5
303-MW-31D	32	7/11/2023	13.7	ND<0.5	ND<0.5	2.41	1.14	5.8	ND<0.5	0.34 J	ND<0.5	ND<0.5	ND<0.5
303-MW-32S	21	7/11/2023	20.2	ND<0.5	0.26 J	4.23	1.15	8.57	ND<0.5	0.46 J	ND<0.5	ND<0.5	ND<0.5
303-MW-32D	35	7/11/2023	19.1	ND<0.5	ND<0.5	4.27	1.14	8.59	ND<0.5	0.36 J	ND<0.5	ND<0.5	ND<0.5
SPARKILL BROOK PIEZOMETER													
Sparkill PZ-1	2.5	7/11/2023	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
NYSDEC TOGS Guidance Values			5	5	5	5	5	5	5	7	2	5	5

J Estimated value. Result detected below the reporting limit but greater than or equal to the method detection limit; therefore, the result is an estimated concentration.

B Analyte found in the associated analysis batch blank.

E The value reported is Estimated due to its behavior during continuing calibration verification.

NYSDEC TOGS - New York Department of Environmental Conservation Technical and Operational Guidance Series

ND<1 - Not detected above noted concentrations.

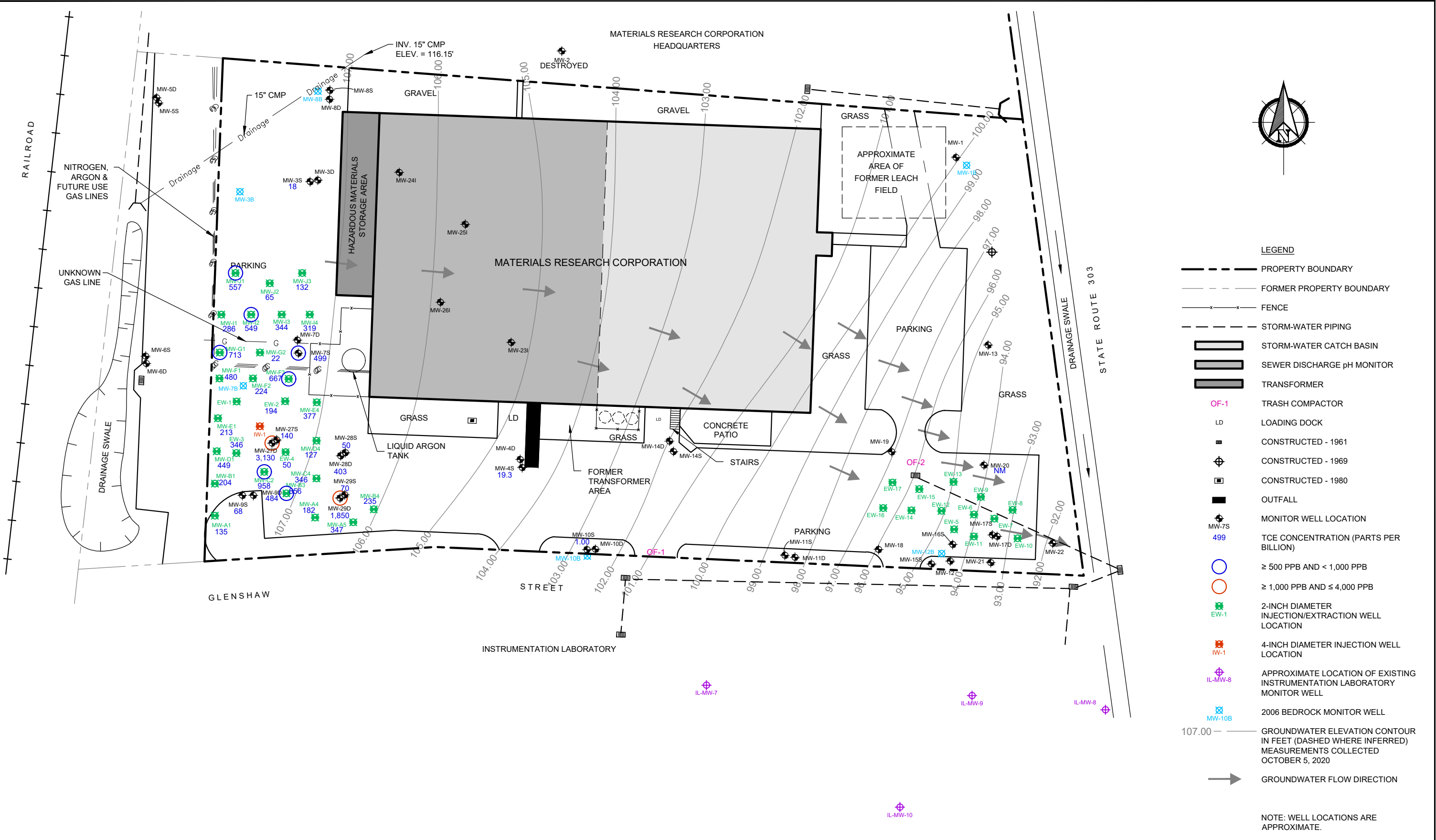
ft bg - feet below grade



FIGURES

O:\DWG\SONY\Orangetown\2020\F1_TCE_Baseline.dwg, Layout1, 8/8/2023 4:32:52 PM, DWG To PDF.pc3

B



WSP USA
4 Research Drive
Suite 204
Shelton, Connecticut 06484
(203) 929-8555

Drawn By:	RAC
Checked:	KD
Approved:	KD
DWG Date:	08/08/23

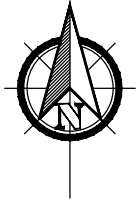
Former Materials Research Corporation
542 Route 303
Orangetown, New York

BASELINE TRICHLOROETHYLENE
CONCENTRATION DETECTED IN
OVERBURDEN GROUNDWATER

FIGURE 1

O:\DWG\SONY\Orangetown\2023\F3_Wells.dwg, Layout1, 8/14/2023 1:41:04 PM, DWG To PDF.pc3

B



LEGEND

- PROPERTY BOUNDARY
- MW-13 OVERBURDEN MONITOR WELL LOCATION
- IL-MW-8 APPROXIMATE LOCATION OF EXISTING INSTRUMENTATION LABORATORY MONITOR WELL
- MW-18 2006 OVERBURDEN MONITOR WELL
- 108.00 — GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED) MEASUREMENTS COLLECTED JULY 5, 2023
- GROUNDWATER FLOW DIRECTION

- NOTES:
1. WELL LOCATIONS ARE APPROXIMATE.
 2. MW-21 NOT USED FOR CONTOURING.

0 50
SCALE IN FEET



WSP USA Inc.
6 Research Drive
Suite 260
Shelton, Connecticut 06484
(203) 929-8555

Drawn By: RAC
Checked: KD
Approved: MM
DWG Date: 08/14/23

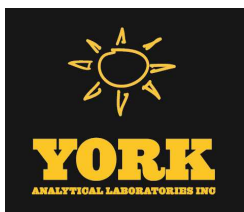
Former Materials Research Corporation
542 Route 303
Orangetown, New York

WELL MAP

FIGURE 3



LABORATORY REPORTS



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/25/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0246

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/25/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0246

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 06, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0246-01	MW-27D	Water	07/05/2023	07/06/2023
23G0246-02	MW-28S	Water	07/05/2023	07/06/2023
23G0246-03	MW-28D	Water	07/05/2023	07/06/2023
23G0246-04	MW-29D	Water	07/05/2023	07/06/2023
23G0246-05	MW-B1 (17)	Water	07/05/2023	07/06/2023
23G0246-06	MW-B4 (38)	Water	07/05/2023	07/06/2023
23G0246-07	MW-C2 (17)	Water	07/05/2023	07/06/2023
23G0246-08	MW-D1 (17)	Water	07/05/2023	07/06/2023
23G0246-09	MW-E1 (17)	Water	07/05/2023	07/06/2023
23G0246-10	MW-E4 (17)	Water	07/05/2023	07/06/2023
23G0246-11	MW-F1 (17)	Water	07/05/2023	07/06/2023
23G0246-12	MW-F2 (17)	Water	07/05/2023	07/06/2023
23G0246-13	MW-F3 (17)	Water	07/05/2023	07/06/2023
23G0246-14	MW-G1 (17)	Water	07/05/2023	07/06/2023
23G0246-15	MW-G2 (17)	Water	07/05/2023	07/06/2023
23G0246-16	MW-I1 (38)	Water	07/05/2023	07/06/2023
23G0246-17	MW-I3 (17)	Water	07/05/2023	07/06/2023
23G0246-18	MW-J1 (17)	Water	07/05/2023	07/06/2023
23G0246-19	MW-J2 (17)	Water	07/05/2023	07/06/2023
23G0246-20	TB	Water	07/05/2023	07/06/2023

General Notes for York Project (SDG) No.: 23G0246

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/25/2023





Sample Information

Client Sample ID: MW-27D

York Sample ID: 23G0246-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 2:29 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
71-55-6	1,1,1-Trichloroethane	17.5		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 12:58	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
75-34-3	1,1-Dichloroethane	164		ug/L	2.72	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 11:36	SMA
75-35-4	1,1-Dichloroethylene	177		ug/L	3.27	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 11:36	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 09:00	07/11/2023 12:58	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA



Sample Information

Client Sample ID: MW-27D

York Sample ID: 23G0246-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 2:29 pm

07/06/2023

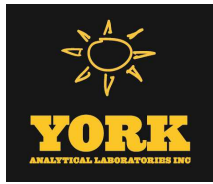
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
67-66-3	Chloroform	0.330	J	ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 12:58	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
156-59-2	cis-1,2-Dichloroethylene	914		ug/L	7.35	12.5	25	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 12:05	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 12:58	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
127-18-4	Tetrachloroethylene	0.250	J	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 12:58	SMA
156-60-5	trans-1,2-Dichloroethylene	21.4		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 12:58	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
79-01-6	Trichloroethylene	1080	QL-02	ug/L	6.22	12.5	25	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 12:05	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 12:58	SMA
75-01-4	Vinyl Chloride	169		ug/L	4.69	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 11:36	SMA



Sample Information

Client Sample ID: MW-27D

York Sample ID: 23G0246-01

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 2:29 pm

Date Received

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.5 %									
2037-26-5	Surrogate: SURR: Toluene-d8	94.4 %									
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %									

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	65		ug/L	10	1	GC/Headspace Certifications:	07/08/2023 12:36	07/08/2023 14:37	GXB

Sample Information

Client Sample ID: MW-28S

York Sample ID: 23G0246-02

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 1:52 pm

Date Received

07/06/2023

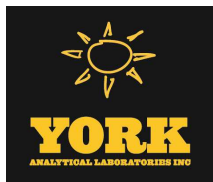
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
71-55-6	1,1,1-Trichloroethane	0.270	J	ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
75-34-3	1,1-Dichloroethane	0.830		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
75-35-4	1,1-Dichloroethylene	1.13		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 09:00	07/11/2023 13:26	SMA



Sample Information

Client Sample ID: MW-28S

York Sample ID: 23G0246-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 1:52 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA



Sample Information

Client Sample ID: MW-28S

York Sample ID: 23G0246-02

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 1:52 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
156-59-2	cis-1,2-Dichloroethylene	50.6		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:26	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
156-60-5	trans-1,2-Dichloroethylene	0.480	J	ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
79-01-6	Trichloroethylene	14.4		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
75-01-4	Vinyl Chloride	6.29		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:26	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	95.8 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.9 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	79-122								

Sample Information

Client Sample ID: MW-28D

York Sample ID: 23G0246-03

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

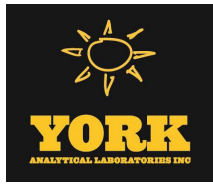
Collection Date/Time
July 5, 2023 11:34 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-28D

York Sample ID: 23G0246-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

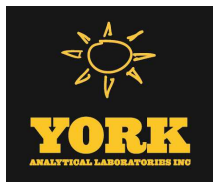
Water

July 5, 2023 11:34 am

07/06/2023

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
71-55-6	1,1,1-Trichloroethane	9.35		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
75-34-3	1,1-Dichloroethane	11.4		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
75-35-4	1,1-Dichloroethylene	17.2		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 09:00	07/11/2023 13:55	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:55	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:55	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:55	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:55	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:55	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 13:55	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:55	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 13:55	SMA



Sample Information

Client Sample ID: MW-28D

York Sample ID: 23G0246-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 11:34 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
156-59-2	cis-1,2-Dichloroethylene	346		ug/L	2.94	5.00	10	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:34	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 13:55	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 13:55	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 13:55	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
127-18-4	Tetrachloroethylene	0.350	J	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
156-60-5	trans-1,2-Dichloroethylene	4.55		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
79-01-6	Trichloroethylene	382	QL-02	ug/L	2.49	5.00	10	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:34	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
75-01-4	Vinyl Chloride	49.0		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 13:55	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	97.3 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	95.4 %	81-117								



Sample Information

Client Sample ID: MW-28D

York Sample ID: 23G0246-03

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 11:34 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						

Arsenic by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 15:59	cw

Chromium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	13.4		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 15:59	cw

Lead by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 15:59	cw

Sample Information

Client Sample ID: MW-29D

York Sample ID: 23G0246-04

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 10:52 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:23	SMA
71-55-6	1,1,1-Trichloroethane	6.31		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:23	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:23	SMA



Sample Information

Client Sample ID: MW-29D

York Sample ID: 23G0246-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 10:52 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
79-00-5	1,1,2-Trichloroethane	0.320	J	ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
75-34-3	1,1-Dichloroethane	74.1		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
75-35-4	1,1-Dichloroethylene	75.2		ug/L	3.27	5.00	10	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 13:02	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 14:23	SMA



Sample Information

Client Sample ID: MW-29D

York Sample ID: 23G0246-04

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 10:52 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
67-66-3	Chloroform	0.600		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
156-59-2	cis-1,2-Dichloroethylene	298		ug/L	2.94	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 13:02	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:23	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:23	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:23	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
156-60-5	trans-1,2-Dichloroethylene	6.16		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
79-01-6	Trichloroethylene	934	QL-02	ug/L	12.4	25.0	50	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 13:31	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
75-01-4	Vinyl Chloride	63.1		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:23	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	95.8 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	95.1 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	105 %	79-122								



Sample Information

Client Sample ID: MW-29D

York Sample ID: 23G0246-04

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 10:52 am

Date Received
07/06/2023

Arsenic by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.36		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 16:02	cw

Chromium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	9.22		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 16:02	cw

Lead by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 16:02	cw

Sample Information

Client Sample ID: MW-B1 (17)

York Sample ID: 23G0246-05

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 11:04 am

Date Received
07/06/2023

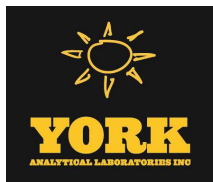
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:52	SMA
71-55-6	1,1,1-Trichloroethane	10.1		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:52	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:52	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:52	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:52	SMA
75-34-3	1,1-Dichloroethane	2.41		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:52	SMA
75-35-4	1,1-Dichloroethylene	34.8		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 14:52	SMA



Sample Information

Client Sample ID: MW-B1 (17)

York Sample ID: 23G0246-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 11:04 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 09:00	07/11/2023 14:52	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA



Sample Information

Client Sample ID: MW-B1 (17)

York Sample ID: 23G0246-05

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 11:04 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
156-59-2	cis-1,2-Dichloroethylene	7.22		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 14:52	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
79-01-6	Trichloroethylene	89.2	QL-02	ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 14:00	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 14:52	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.1 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.3 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %	79-122								

Sample Information

Client Sample ID: MW-B4 (38)

York Sample ID: 23G0246-06

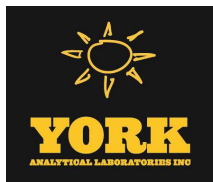
York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 9:57 am

Date Received
07/06/2023



Sample Information

Client Sample ID: MW-B4 (38)

York Sample ID: 23G0246-06

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 9:57 am

Date Received

07/06/2023

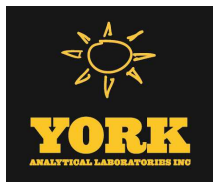
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
71-55-6	1,1,1-Trichloroethane	1.86		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
75-34-3	1,1-Dichloroethane	11.8		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
75-35-4	1,1-Dichloroethylene	12.8		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:21	SMA



Sample Information

Client Sample ID: MW-B4 (38)

York Sample ID: 23G0246-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 9:57 am

07/06/2023

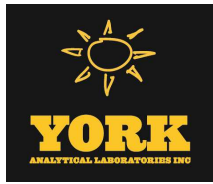
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 15:21	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
156-59-2	cis-1,2-Dichloroethylene	108		ug/L	1.47	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 14:28	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 15:21	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 15:21	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 15:21	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
156-60-5	trans-1,2-Dichloroethylene	1.67		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 15:21	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
79-01-6	Trichloroethylene	95.0	QL-02	ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 14:28	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:21	SMA
75-01-4	Vinyl Chloride	25.8		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 15:21	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-B4 (38)

York Sample ID: 23G0246-06

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 9:57 am

Date Received

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.5 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						

Arsenic by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 16:06	cw

Chromium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	31.7		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 16:06	cw

Lead by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/13/2023 08:36	07/13/2023 16:06	cw

Sample Information

Client Sample ID: MW-C2 (17)

York Sample ID: 23G0246-07

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 1:05 pm

Date Received

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:49	SMA
71-55-6	1,1,1-Trichloroethane	24.1		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 15:49	SMA



Sample Information

Client Sample ID: MW-C2 (17)

York Sample ID: 23G0246-07

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 1:05 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
75-34-3	1,1-Dichloroethane	73.6		ug/L	1.36	2.50	5	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 14:57	SMA
75-35-4	1,1-Dichloroethylene	34.1		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA



Sample Information

Client Sample ID: MW-C2 (17)

York Sample ID: 23G0246-07

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 1:05 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
67-66-3	Chloroform	0.450	J	ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
156-59-2	cis-1,2-Dichloroethylene	45.1		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
79-01-6	Trichloroethylene	182	QL-02	ug/L	1.24	2.50	5	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 14:57	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
75-01-4	Vinyl Chloride	1.47		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 15:49	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	95.9 %	69-130								
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	95.7 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	105 %	79-122								



Sample Information

Client Sample ID: MW-C2 (17)

York Sample ID: 23G0246-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23G0246	31401626 Sony	Water	July 5, 2023 1:05 pm	07/06/2023

Sample Information

Client Sample ID: MW-D1 (17)

York Sample ID: 23G0246-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23G0246	31401626 Sony	Water	July 5, 2023 1:50 pm	07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
71-55-6	1,1,1-Trichloroethane	12.7		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
75-34-3	1,1-Dichloroethane	15.7		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
75-35-4	1,1-Dichloroethylene	44.6		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00	07/11/2023 16:18	SMA



Sample Information

Client Sample ID: MW-D1 (17)

York Sample ID: 23G0246-08

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 1:50 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:18	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:18	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:18	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
156-59-2	cis-1,2-Dichloroethylene	29.2		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:18	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:18	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:18	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
156-60-5	trans-1,2-Dichloroethylene	0.510		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA



Sample Information

Client Sample ID: MW-D1 (17)

York Sample ID: 23G0246-08

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 1:50 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	153	QL-02	ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 15:25	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:18	SMA
75-01-4	Vinyl Chloride	1.73		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 16:18	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.2 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	95.7 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	79-122								

Sample Information

Client Sample ID: MW-E1 (17)

York Sample ID: 23G0246-09

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:19 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
75-34-3	1,1-Dichloroethane	0.940		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 16:46	SMA
75-35-4	1,1-Dichloroethylene	1.04		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 16:46	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 09:00	07/11/2023 16:46	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA



Sample Information

Client Sample ID: MW-E1 (17)

York Sample ID: 23G0246-09

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:19 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
156-59-2	cis-1,2-Dichloroethylene	4.40		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA



Sample Information

Client Sample ID: MW-E1 (17)

York Sample ID: 23G0246-09

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:19 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 16:46	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
79-01-6	Trichloroethylene	7.49		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 16:46	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 16:46	SMA
75-01-4	Vinyl Chloride	0.840		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 16:46	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	98.2 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	95.5 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	103 %	79-122								

Sample Information

Client Sample ID: MW-E4 (17)

York Sample ID: 23G0246-10

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 12:12 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA



Sample Information

Client Sample ID: MW-E4 (17)

York Sample ID: 23G0246-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 12:12 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	1.76		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 17:15	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
75-34-3	1,1-Dichloroethane	1.93		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 17:15	SMA
75-35-4	1,1-Dichloroethylene	8.14		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 17:15	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 09:00	07/11/2023 17:15	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 17:15	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 17:15	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 17:15	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 17:15	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 17:15	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:15	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 17:15	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 17:15	SMA



Sample Information

Client Sample ID: MW-E4 (17)

York Sample ID: 23G0246-10

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 12:12 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
156-59-2	cis-1,2-Dichloroethylene	704		ug/L	2.94	5.00	10	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 15:54	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:15	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:15	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:15	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
156-60-5	trans-1,2-Dichloroethylene	3.90		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
79-01-6	Trichloroethylene	89.0	QL-02	ug/L	2.49	5.00	10	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 15:54	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
75-01-4	Vinyl Chloride	67.3		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:15	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	95.3 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	95.9 %	81-117								



Sample Information

Client Sample ID: MW-E4 (17)

York Sample ID: 23G0246-10

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 12:12 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			79-122						

Sample Information

Client Sample ID: MW-F1 (17)

York Sample ID: 23G0246-11

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:30 pm

Date Received
07/06/2023

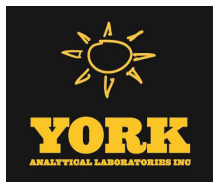
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 17:43	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA



Sample Information

Client Sample ID: MW-F1 (17)

York Sample ID: 23G0246-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 3:30 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
156-59-2	cis-1,2-Dichloroethylene	1.03		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 17:43	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 17:43	SMA



Sample Information

Client Sample ID: MW-F1 (17)

York Sample ID: 23G0246-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 3:30 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:43	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:43	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:43	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:43	SMA
79-01-6	Trichloroethylene	1.22		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:43	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:43	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 17:43	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	94.3 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.4 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	79-122								

Sample Information

Client Sample ID: MW-F2 (17)

York Sample ID: 23G0246-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 2:37 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
75-34-3	1,1-Dichloroethane	5.43		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA



Sample Information

Client Sample ID: MW-F2 (17)

York Sample ID: 23G0246-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 2:37 pm

07/06/2023

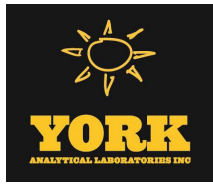
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	12.1		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 09:00	07/11/2023 18:11	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA



Sample Information

Client Sample ID: MW-F2 (17)

York Sample ID: 23G0246-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 2:37 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
156-59-2	cis-1,2-Dichloroethylene	148		ug/L	1.47	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 16:22	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:11	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
156-60-5	trans-1,2-Dichloroethylene	4.53		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 18:11	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
79-01-6	Trichloroethylene	91.8	QL-02	ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 16:22	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:11	SMA
75-01-4	Vinyl Chloride	11.5		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 18:11	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	95.3 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	95.7 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	105 %	79-122								



Sample Information

Client Sample ID: MW-F3 (17)

York Sample ID: 23G0246-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 12:59 pm

07/06/2023

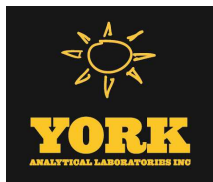
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
71-55-6	1,1,1-Trichloroethane	0.530		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
75-34-3	1,1-Dichloroethane	2.81		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
75-35-4	1,1-Dichloroethylene	1.81		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	07/11/2023 18:40	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 18:40	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 18:40	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 18:40	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 18:40	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 18:40	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 18:40	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/11/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 18:40	SMA



Sample Information

Client Sample ID: MW-F3 (17)

York Sample ID: 23G0246-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 12:59 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:40	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
156-59-2	cis-1,2-Dichloroethylene	49.6		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 18:40	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:40	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:40	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 18:40	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
156-60-5	trans-1,2-Dichloroethylene	0.810		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 18:40	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
79-01-6	Trichloroethylene	21.9		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 18:40	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 18:40	SMA
75-01-4	Vinyl Chloride	19.2		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/11/2023 09:00	07/11/2023 18:40	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-F3 (17)

York Sample ID: 23G0246-13

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 12:59 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.3 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	56		ug/L	10	1	GC/Headspace	07/08/2023 12:36	07/08/2023 14:44	GXB

Certifications:

Sample Information

Client Sample ID: MW-G1 (17)

York Sample ID: 23G0246-14

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 2:40 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	0.780		ug/L	0.272	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	07/11/2023 09:00	07/11/2023 19:08	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: MW-G1 (17)

York Sample ID: 23G0246-14

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 2:40 pm

Date Received
07/06/2023

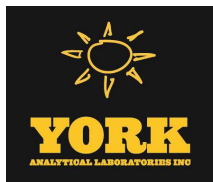
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 19:08	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 19:08	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 19:08	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 19:08	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 19:08	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/11/2023 09:00	07/11/2023 19:08	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/11/2023 09:00	07/11/2023 19:08	SMA



Sample Information

Client Sample ID: MW-G2 (17)

York Sample ID: 23G0246-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 3:30 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
71-55-6	1,1,1-Trichloroethane	0.430	J	ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
75-34-3	1,1-Dichloroethane	14.8		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
75-35-4	1,1-Dichloroethylene	15.4		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 09:00	07/12/2023 16:51	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA



Sample Information

Client Sample ID: MW-G2 (17)

York Sample ID: 23G0246-15

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:30 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
156-59-2	cis-1,2-Dichloroethylene	572		ug/L	2.94	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 12:55	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 16:51	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
156-60-5	trans-1,2-Dichloroethylene	4.83		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 16:51	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
79-01-6	Trichloroethylene	90.1	QL-02	ug/L	2.49	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 12:55	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 16:51	SMA
75-01-4	Vinyl Chloride	230	CCVE	ug/L	4.69	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 12:55	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-G2 (17)

York Sample ID: 23G0246-15

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:30 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.4 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						

Sample Information

Client Sample ID: MW-I1 (38)

York Sample ID: 23G0246-16

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 10:10 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
71-55-6	1,1,1-Trichloroethane	0.490	J	ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
75-34-3	1,1-Dichloroethane	3.35		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
75-35-4	1,1-Dichloroethylene	4.30		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 09:00	07/12/2023 17:19	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 17:19	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 17:19	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 17:19	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA



Sample Information

Client Sample ID: MW-I1 (38)

York Sample ID: 23G0246-16

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 10:10 am

Date Received
07/06/2023

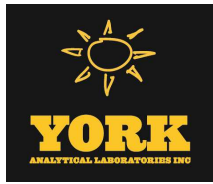
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
156-59-2	cis-1,2-Dichloroethylene	204		ug/L	1.47	2.50	5	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 13:24	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:19	SMA



Sample Information

Client Sample ID: MW-I1 (38)

York Sample ID: 23G0246-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 10:10 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 17:19	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 17:19	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
156-60-5	trans-1,2-Dichloroethylene	1.81		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 17:19	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
79-01-6	Trichloroethylene	57.2	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 17:19	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:19	SMA
75-01-4	Vinyl Chloride	30.6		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 17:19	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.7 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	95.6 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								

Sample Information

Client Sample ID: MW-I3 (17)

York Sample ID: 23G0246-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 1:10 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:48	SMA
71-55-6	1,1,1-Trichloroethane	1.16		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 17:48	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 17:48	SMA



Sample Information

Client Sample ID: MW-I3 (17)

York Sample ID: 23G0246-17

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 1:10 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
75-34-3	1,1-Dichloroethane	1.92		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
75-35-4	1,1-Dichloroethylene	8.19		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00	07/12/2023 17:48	SMA



Sample Information

Client Sample ID: MW-I3 (17)

York Sample ID: 23G0246-17

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 1:10 pm

Date Received
07/06/2023

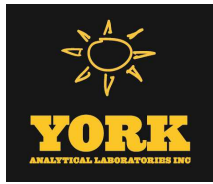
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
156-59-2	cis-1,2-Dichloroethylene	910		ug/L	7.35	12.5	25	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 14:04	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:48	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:48	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:48	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
156-60-5	trans-1,2-Dichloroethylene	7.51		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 17:48	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
79-01-6	Trichloroethylene	388	QL-02	ug/L	2.49	5.00	10	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 13:52	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:48	SMA
75-01-4	Vinyl Chloride	46.6		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 17:48	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	95.0 %	69-130								
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	95.3 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	101 %	79-122								



Sample Information

Client Sample ID: MW-I3 (17)

York Sample ID: 23G0246-17

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 1:10 pm

Date Received

07/06/2023

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	150		ug/L	10	1	GC/Headspace Certifications:	07/08/2023 12:36	07/08/2023 14:51	GXB

Sample Information

Client Sample ID: MW-J1 (17)

York Sample ID: 23G0246-18

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 12:10 pm

Date Received

07/06/2023

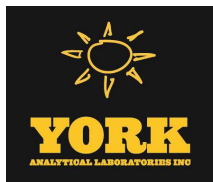
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
71-55-6	1,1,1-Trichloroethane	0.350	J	ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
75-34-3	1,1-Dichloroethane	1.69		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
75-35-4	1,1-Dichloroethylene	3.78		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 09:00	07/12/2023 18:16	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 18:16	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 18:16	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02, CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 18:16	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
95-50-1	1,2-Dichlorobenzene	ND	QL-02	ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA



Sample Information

Client Sample ID: MW-J1 (17)

York Sample ID: 23G0246-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 12:10 pm

07/06/2023

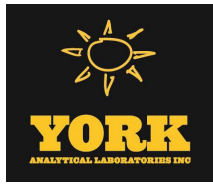
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 18:16	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 18:16	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 18:16	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 18:16	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
156-59-2	cis-1,2-Dichloroethylene	99.0		ug/L	1.47	2.50	5	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:21	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 18:16	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 18:16	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 18:16	SMA



Sample Information

Client Sample ID: MW-J1 (17)

York Sample ID: 23G0246-18

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 12:10 pm

Date Received

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 09:00	07/12/2023 18:16	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
127-18-4	Tetrachloroethylene	0.290	J, CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 18:16	SMA
156-60-5	trans-1,2-Dichloroethylene	1.48		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 18:16	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
79-01-6	Trichloroethylene	174	QL-02	ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 14:21	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 09:00	07/12/2023 18:16	SMA
75-01-4	Vinyl Chloride	14.3		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 09:00	07/12/2023 18:16	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.2 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	95.2 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	79-122								

Methane

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	110		ug/L	10	1	GC/Headspace Certifications:	07/08/2023 12:36	07/08/2023 15:10	GXB

Sample Information

Client Sample ID: MW-J2 (17)

York Sample ID: 23G0246-19

York Project (SDG) No.

23G0246

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 5, 2023 11:10 am

Date Received

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-J2 (17)

York Sample ID: 23G0246-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 11:10 am

07/06/2023

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
71-55-6	1,1,1-Trichloroethane	1.16		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
75-34-3	1,1-Dichloroethane	8.93		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
75-35-4	1,1-Dichloroethylene	0.770		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/12/2023 22:59	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 22:59	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 22:59	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 22:59	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 22:59	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 22:59	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:59	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 22:59	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 22:59	SMA



Sample Information

Client Sample ID: MW-J2 (17)

York Sample ID: 23G0246-19

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 11:10 am

Date Received
07/06/2023

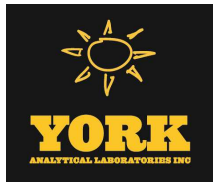
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
156-59-2	cis-1,2-Dichloroethylene	13.1		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 22:59	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 22:59	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 22:59	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
156-60-5	trans-1,2-Dichloroethylene	0.290	J	ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
79-01-6	Trichloroethylene	31.2	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
75-01-4	Vinyl Chloride	1.86		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:59	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	94.7 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	95.4 %	81-117								



Sample Information

Client Sample ID: MW-J2 (17)

York Sample ID: 23G0246-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 11:10 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						

Sample Information

Client Sample ID: TB

York Sample ID: 23G0246-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0246

31401626 Sony

Water

July 5, 2023 3:00 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 22:31	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 22:31	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 22:31	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 22:31	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 22:31	SMA



Sample Information

Client Sample ID: TB

York Sample ID: 23G0246-20

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 22:31	SMA



Sample Information

Client Sample ID: TB

York Sample ID: 23G0246-20

York Project (SDG) No.
23G0246

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 5, 2023 3:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	1.73	J	ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:31	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:31	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:31	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:31	SMA
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:31	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:31	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 22:31	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	94.2 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	94.9 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	117 %	79-122								



Analytical Batch Summary

Batch ID: BG30370 **Preparation Method:** Preparation for GC Analysis **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
23G0246-01	MW-27D	07/08/23
23G0246-13	MW-F3 (17)	07/08/23
23G0246-17	MW-I3 (17)	07/08/23
23G0246-18	MW-J1 (17)	07/08/23
BG30370-BLK1	Blank	07/08/23
BG30370-DUP1	Duplicate	07/08/23

Batch ID: BG30502 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0246-01	MW-27D	07/11/23
23G0246-02	MW-28S	07/11/23
23G0246-03	MW-28D	07/11/23
23G0246-04	MW-29D	07/11/23
23G0246-05	MW-B1 (17)	07/11/23
23G0246-06	MW-B4 (38)	07/11/23
23G0246-07	MW-C2 (17)	07/11/23
23G0246-08	MW-D1 (17)	07/11/23
23G0246-09	MW-E1 (17)	07/11/23
23G0246-10	MW-E4 (17)	07/11/23
23G0246-11	MW-F1 (17)	07/11/23
23G0246-12	MW-F2 (17)	07/11/23
23G0246-13	MW-F3 (17)	07/11/23
23G0246-14	MW-G1 (17)	07/11/23
BG30502-BLK1	Blank	07/11/23
BG30502-BS1	LCS	07/11/23
BG30502-BSD1	LCS Dup	07/11/23

Batch ID: BG30580 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0246-01RE1	MW-27D	07/12/23
23G0246-01RE2	MW-27D	07/12/23
23G0246-03RE1	MW-28D	07/12/23
23G0246-04RE1	MW-29D	07/12/23
23G0246-04RE2	MW-29D	07/12/23
23G0246-05RE1	MW-B1 (17)	07/12/23
23G0246-06RE1	MW-B4 (38)	07/12/23
23G0246-07RE1	MW-C2 (17)	07/12/23
23G0246-08RE1	MW-D1 (17)	07/12/23
23G0246-10RE1	MW-E4 (17)	07/12/23
23G0246-12RE1	MW-F2 (17)	07/12/23
23G0246-15	MW-G2 (17)	07/12/23
23G0246-16	MW-I1 (38)	07/12/23
23G0246-17	MW-I3 (17)	07/12/23



23G0246-18	MW-J1 (17)	07/12/23
BG30580-BLK1	Blank	07/12/23
BG30580-BS1	LCS	07/12/23
BG30580-BSD1	LCS Dup	07/12/23

Batch ID: BG30599 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0246-19	MW-J2 (17)	07/12/23
23G0246-20	TB	07/12/23
BG30599-BLK1	Blank	07/12/23
BG30599-BS1	LCS	07/12/23
BG30599-BSD1	LCS Dup	07/12/23

Batch ID: BG30661 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G0246-03	MW-28D	07/13/23
23G0246-04	MW-29D	07/13/23
23G0246-06	MW-B4 (38)	07/13/23
BG30661-BLK1	Blank	07/13/23
BG30661-BS1	LCS	07/13/23
BG30661-DUP1	Duplicate	07/13/23
BG30661-MS1	Matrix Spike	07/13/23

Batch ID: BG30662 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0246-15RE1	MW-G2 (17)	07/13/23
23G0246-16RE1	MW-I1 (38)	07/13/23
23G0246-17RE1	MW-I3 (17)	07/13/23
23G0246-18RE1	MW-J1 (17)	07/13/23
BG30662-BLK1	Blank	07/13/23
BG30662-BS1	LCS	07/13/23
BG30662-BSD1	LCS Dup	07/13/23

Batch ID: BG30751 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0246-17RE2	MW-I3 (17)	07/14/23
BG30751-BLK1	Blank	07/14/23
BG30751-BS1	LCS	07/14/23
BG30751-BSD1	LCS Dup	07/14/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30502 - EPA 5030B

Blank (BG30502-BLK1)

Prepared & Analyzed: 07/11/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.60		"	10.0		96.0	69-130				
Surrogate: SURR: Toluene-d8	9.55		"	10.0		95.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30502 - EPA 5030B											
LCS (BG30502-BS1)						Prepared & Analyzed: 07/11/2023					
1,1,1,2-Tetrachloroethane	8.38		ug/L	10.0		83.8	82-126				
1,1,1-Trichloroethane	9.15		"	10.0		91.5	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.73		"	10.0		97.3	54-165				
1,1,2-Trichloroethane	8.44		"	10.0		84.4	82-123				
1,1-Dichloroethane	9.31		"	10.0		93.1	82-129				
1,1-Dichloroethylene	9.64		"	10.0		96.4	68-138				
1,1-Dichloropropylene	9.02		"	10.0		90.2	83-133				
1,2,3-Trichlorobenzene	6.51		"	10.0		65.1	76-136	Low Bias			
1,2,3-Trichloropropane	8.44		"	10.0		84.4	77-128				
1,2,4-Trichlorobenzene	7.29		"	10.0		72.9	76-137	Low Bias			
1,2-Dibromo-3-chloropropane	8.09		"	10.0		80.9	45-147				
1,2-Dibromoethane	8.69		"	10.0		86.9	83-124				
1,2-Dichlorobenzene	7.81		"	10.0		78.1	79-123	Low Bias			
1,2-Dichloroethane	8.68		"	10.0		86.8	73-132				
1,2-Dichloropropane	9.23		"	10.0		92.3	78-126				
1,3-Dichlorobenzene	7.97		"	10.0		79.7	86-122	Low Bias			
1,3-Dichloropropane	8.73		"	10.0		87.3	81-125				
1,4-Dichlorobenzene	7.94		"	10.0		79.4	85-124	Low Bias			
2,2-Dichloropropane	10.6		"	10.0		106	56-150				
2-Chlorotoluene	8.42		"	10.0		84.2	79-130				
4-Chlorotoluene	8.51		"	10.0		85.1	79-128				
Bromobenzene	8.41		"	10.0		84.1	78-129				
Bromochloromethane	9.99		"	10.0		99.9	77-128				
Bromodichloromethane	8.45		"	10.0		84.5	79-128				
Bromoform	8.50		"	10.0		85.0	78-133				
Bromomethane	5.02		"	10.0		50.2	43-168				
Carbon tetrachloride	9.12		"	10.0		91.2	77-141				
Chlorobenzene	8.98		"	10.0		89.8	88-120				
Chloroethane	9.62		"	10.0		96.2	65-136				
Chloroform	8.96		"	10.0		89.6	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	9.51		"	10.0		95.1	83-129				
cis-1,3-Dichloropropylene	8.70		"	10.0		87.0	80-131				
Dibromochloromethane	8.41		"	10.0		84.1	80-130				
Dibromomethane	8.47		"	10.0		84.7	72-134				
Dichlorodifluoromethane	9.89		"	10.0		98.9	44-144				
Hexachlorobutadiene	8.69		"	10.0		86.9	67-146				
Methylene chloride	7.90		"	10.0		79.0	55-137				
Tetrachloroethylene	4.46		"	10.0		44.6	82-131	Low Bias			
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	80-132				
trans-1,3-Dichloropropylene	8.45		"	10.0		84.5	78-131				
Trichloroethylene	7.81		"	10.0		78.1	82-128	Low Bias			
Trichlorofluoromethane	8.45		"	10.0		84.5	67-139				
Vinyl Chloride	10.2		"	10.0		102	58-145				
Surrogate: Surr: 1,2-Dichloroethane-d4	9.22		"	10.0		92.2	69-130				
Surrogate: Surr: Toluene-d8	9.58		"	10.0		95.8	81-117				
Surrogate: Surr: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30502 - EPA 5030B											
LCS Dup (BG30502-BSD1)						Prepared & Analyzed: 07/11/2023					
1,1,1,2-Tetrachloroethane	8.24		ug/L	10.0		82.4	82-126		1.68	30	
1,1,1-Trichloroethane	8.59		"	10.0		85.9	78-136		6.31	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		0.890	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.23		"	10.0		92.3	54-165		5.27	30	
1,1,2-Trichloroethane	8.60		"	10.0		86.0	82-123		1.88	30	
1,1-Dichloroethane	8.85		"	10.0		88.5	82-129		5.07	30	
1,1-Dichloroethylene	9.01		"	10.0		90.1	68-138		6.76	30	
1,1-Dichloropropylene	8.52		"	10.0		85.2	83-133		5.70	30	
1,2,3-Trichlorobenzene	6.82		"	10.0		68.2	76-136	Low Bias	4.65	30	
1,2,3-Trichloropropane	8.40		"	10.0		84.0	77-128		0.475	30	
1,2,4-Trichlorobenzene	7.35		"	10.0		73.5	76-137	Low Bias	0.820	30	
1,2-Dibromo-3-chloropropane	8.19		"	10.0		81.9	45-147		1.23	30	
1,2-Dibromoethane	8.64		"	10.0		86.4	83-124		0.577	30	
1,2-Dichlorobenzene	7.76		"	10.0		77.6	79-123	Low Bias	0.642	30	
1,2-Dichloroethane	8.43		"	10.0		84.3	73-132		2.92	30	
1,2-Dichloropropane	9.05		"	10.0		90.5	78-126		1.97	30	
1,3-Dichlorobenzene	7.79		"	10.0		77.9	86-122	Low Bias	2.28	30	
1,3-Dichloropropane	8.65		"	10.0		86.5	81-125		0.921	30	
1,4-Dichlorobenzene	7.75		"	10.0		77.5	85-124	Low Bias	2.42	30	
2,2-Dichloropropane	9.89		"	10.0		98.9	56-150		7.02	30	
2-Chlorotoluene	8.17		"	10.0		81.7	79-130		3.01	30	
4-Chlorotoluene	8.27		"	10.0		82.7	79-128		2.86	30	
Bromobenzene	8.23		"	10.0		82.3	78-129		2.16	30	
Bromochloromethane	9.69		"	10.0		96.9	77-128		3.05	30	
Bromodichloromethane	8.25		"	10.0		82.5	79-128		2.40	30	
Bromoform	8.52		"	10.0		85.2	78-133		0.235	30	
Bromomethane	4.94		"	10.0		49.4	43-168		1.61	30	
Carbon tetrachloride	8.65		"	10.0		86.5	77-141		5.29	30	
Chlorobenzene	8.74		"	10.0		87.4	88-120	Low Bias	2.71	30	
Chloroethane	8.87		"	10.0		88.7	65-136		8.11	30	
Chloroform	8.64		"	10.0		86.4	82-128		3.64	30	
Chloromethane	9.37		"	10.0		93.7	43-155		6.60	30	
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	83-129		3.97	30	
cis-1,3-Dichloropropylene	8.53		"	10.0		85.3	80-131		1.97	30	
Dibromochloromethane	8.38		"	10.0		83.8	80-130		0.357	30	
Dibromomethane	8.38		"	10.0		83.8	72-134		1.07	30	
Dichlorodifluoromethane	9.29		"	10.0		92.9	44-144		6.26	30	
Hexachlorobutadiene	8.42		"	10.0		84.2	67-146		3.16	30	
Methylene chloride	7.70		"	10.0		77.0	55-137		2.56	30	
Tetrachloroethylene	4.26		"	10.0		42.6	82-131	Low Bias	4.59	30	
trans-1,2-Dichloroethylene	9.14		"	10.0		91.4	80-132		5.74	30	
trans-1,3-Dichloropropylene	8.40		"	10.0		84.0	78-131		0.593	30	
Trichloroethylene	7.38		"	10.0		73.8	82-128	Low Bias	5.66	30	
Trichlorofluoromethane	7.86		"	10.0		78.6	67-139		7.23	30	
Vinyl Chloride	9.41		"	10.0		94.1	58-145		7.76	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	9.15		"	10.0		91.5	69-130				
Surrogate: Surr: Toluene-d8	9.53		"	10.0		95.3	81-117				
Surrogate: Surr: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30580 - EPA 5030B

Blank (BG30580-BLK1)

Prepared & Analyzed: 07/12/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	9.54	"	10.0	95.4	69-130
Surrogate: SURR: Toluene-d8	9.53	"	10.0	95.3	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.4	"	10.0	104	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30580 - EPA 5030B											
LCS (BG30580-BS1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.37		ug/L	10.0		83.7	82-126				
1,1,1-Trichloroethane	9.06		"	10.0		90.6	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1	54-165				
1,1,2-Trichloroethane	8.69		"	10.0		86.9	82-123				
1,1-Dichloroethane	9.39		"	10.0		93.9	82-129				
1,1-Dichloroethylene	9.70		"	10.0		97.0	68-138				
1,1-Dichloropropylene	9.01		"	10.0		90.1	83-133				
1,2,3-Trichlorobenzene	6.44		"	10.0		64.4	76-136	Low Bias			
1,2,3-Trichloropropane	8.38		"	10.0		83.8	77-128				
1,2,4-Trichlorobenzene	7.17		"	10.0		71.7	76-137	Low Bias			
1,2-Dibromo-3-chloropropane	7.93		"	10.0		79.3	45-147				
1,2-Dibromoethane	8.67		"	10.0		86.7	83-124				
1,2-Dichlorobenzene	7.73		"	10.0		77.3	79-123	Low Bias			
1,2-Dichloroethane	8.85		"	10.0		88.5	73-132				
1,2-Dichloropropane	9.33		"	10.0		93.3	78-126				
1,3-Dichlorobenzene	7.79		"	10.0		77.9	86-122	Low Bias			
1,3-Dichloropropane	8.79		"	10.0		87.9	81-125				
1,4-Dichlorobenzene	7.80		"	10.0		78.0	85-124	Low Bias			
2,2-Dichloropropane	10.4		"	10.0		104	56-150				
2-Chlorotoluene	8.25		"	10.0		82.5	79-130				
4-Chlorotoluene	8.35		"	10.0		83.5	79-128				
Bromobenzene	8.28		"	10.0		82.8	78-129				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	8.48		"	10.0		84.8	79-128				
Bromoform	8.48		"	10.0		84.8	78-133				
Bromomethane	5.12		"	10.0		51.2	43-168				
Carbon tetrachloride	9.06		"	10.0		90.6	77-141				
Chlorobenzene	8.90		"	10.0		89.0	88-120				
Chloroethane	9.38		"	10.0		93.8	65-136				
Chloroform	9.08		"	10.0		90.8	82-128				
Chloromethane	9.71		"	10.0		97.1	43-155				
cis-1,2-Dichloroethylene	9.66		"	10.0		96.6	83-129				
cis-1,3-Dichloropropylene	8.68		"	10.0		86.8	80-131				
Dibromochloromethane	8.39		"	10.0		83.9	80-130				
Dibromomethane	8.53		"	10.0		85.3	72-134				
Dichlorodifluoromethane	8.94		"	10.0		89.4	44-144				
Hexachlorobutadiene	8.41		"	10.0		84.1	67-146				
Methylene chloride	8.09		"	10.0		80.9	55-137				
Tetrachloroethylene	4.36		"	10.0		43.6	82-131	Low Bias			
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132				
trans-1,3-Dichloropropylene	8.47		"	10.0		84.7	78-131				
Trichloroethylene	7.65		"	10.0		76.5	82-128	Low Bias			
Trichlorofluoromethane	8.30		"	10.0		83.0	67-139				
Vinyl Chloride	9.86		"	10.0		98.6	58-145				
Surrogate: Surr: 1,2-Dichloroethane-d4	9.26		"	10.0		92.6	69-130				
Surrogate: Surr: Toluene-d8	9.52		"	10.0		95.2	81-117				
Surrogate: Surr: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30580 - EPA 5030B											
LCS Dup (BG30580-BSD1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.29		ug/L	10.0		82.9	82-126		0.960	30	
1,1,1-Trichloroethane	8.62		"	10.0		86.2	78-136		4.98	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		1.77	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.00		"	10.0		90.0	54-165		6.56	30	
1,1,2-Trichloroethane	8.64		"	10.0		86.4	82-123		0.577	30	
1,1-Dichloroethane	8.95		"	10.0		89.5	82-129		4.80	30	
1,1-Dichloroethylene	8.99		"	10.0		89.9	68-138		7.60	30	
1,1-Dichloropropylene	8.44		"	10.0		84.4	83-133		6.53	30	
1,2,3-Trichlorobenzene	6.87		"	10.0		68.7	76-136	Low Bias	6.46	30	
1,2,3-Trichloropropane	8.54		"	10.0		85.4	77-128		1.89	30	
1,2,4-Trichlorobenzene	7.43		"	10.0		74.3	76-137	Low Bias	3.56	30	
1,2-Dibromo-3-chloropropane	8.39		"	10.0		83.9	45-147		5.64	30	
1,2-Dibromoethane	8.70		"	10.0		87.0	83-124		0.345	30	
1,2-Dichlorobenzene	7.82		"	10.0		78.2	79-123	Low Bias	1.16	30	
1,2-Dichloroethane	8.75		"	10.0		87.5	73-132		1.14	30	
1,2-Dichloropropane	9.17		"	10.0		91.7	78-126		1.73	30	
1,3-Dichlorobenzene	7.84		"	10.0		78.4	86-122	Low Bias	0.640	30	
1,3-Dichloropropane	8.76		"	10.0		87.6	81-125		0.342	30	
1,4-Dichlorobenzene	7.78		"	10.0		77.8	85-124	Low Bias	0.257	30	
2,2-Dichloropropane	9.79		"	10.0		97.9	56-150		6.43	30	
2-Chlorotoluene	8.19		"	10.0		81.9	79-130		0.730	30	
4-Chlorotoluene	8.25		"	10.0		82.5	79-128		1.20	30	
Bromobenzene	8.24		"	10.0		82.4	78-129		0.484	30	
Bromochloromethane	9.96		"	10.0		99.6	77-128		2.87	30	
Bromodichloromethane	8.31		"	10.0		83.1	79-128		2.03	30	
Bromoform	8.67		"	10.0		86.7	78-133		2.22	30	
Bromomethane	4.98		"	10.0		49.8	43-168		2.77	30	
Carbon tetrachloride	8.50		"	10.0		85.0	77-141		6.38	30	
Chlorobenzene	8.73		"	10.0		87.3	88-120	Low Bias	1.93	30	
Chloroethane	8.86		"	10.0		88.6	65-136		5.70	30	
Chloroform	8.78		"	10.0		87.8	82-128		3.36	30	
Chloromethane	9.21		"	10.0		92.1	43-155		5.29	30	
cis-1,2-Dichloroethylene	9.29		"	10.0		92.9	83-129		3.91	30	
cis-1,3-Dichloropropylene	8.63		"	10.0		86.3	80-131		0.578	30	
Dibromochloromethane	8.50		"	10.0		85.0	80-130		1.30	30	
Dibromomethane	8.46		"	10.0		84.6	72-134		0.824	30	
Dichlorodifluoromethane	8.32		"	10.0		83.2	44-144		7.18	30	
Hexachlorobutadiene	8.47		"	10.0		84.7	67-146		0.711	30	
Methylene chloride	8.00		"	10.0		80.0	55-137		1.12	30	
Tetrachloroethylene	4.19		"	10.0		41.9	82-131	Low Bias	3.98	30	
trans-1,2-Dichloroethylene	9.20		"	10.0		92.0	80-132		5.19	30	
trans-1,3-Dichloropropylene	8.47		"	10.0		84.7	78-131		0.00	30	
Trichloroethylene	7.38		"	10.0		73.8	82-128	Low Bias	3.59	30	
Trichlorofluoromethane	7.70		"	10.0		77.0	67-139		7.50	30	
Vinyl Chloride	9.19		"	10.0		91.9	58-145		7.03	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	9.17		"	10.0		91.7	69-130				
Surrogate: Surr: Toluene-d8	9.46		"	10.0		94.6	81-117				
Surrogate: Surr: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30599 - EPA 5030B

Blank (BG30599-BLK1)

Prepared & Analyzed: 07/12/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	9.34	"	10.0	93.4	69-130
Surrogate: SURR: Toluene-d8	9.44	"	10.0	94.4	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.0	"	10.0	100	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30599 - EPA 5030B											
LCS (BG30599-BS1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82-126				
1,1,1-Trichloroethane	9.69		"	10.0		96.9	78-136				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	8.90		"	10.0		89.0	82-123				
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,1-Dichloropropylene	9.63		"	10.0		96.3	83-133				
1,2,3-Trichlorobenzene	8.03		"	10.0		80.3	76-136				
1,2,3-Trichloropropane	8.36		"	10.0		83.6	77-128				
1,2,4-Trichlorobenzene	8.77		"	10.0		87.7	76-137				
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	45-147				
1,2-Dibromoethane	8.99		"	10.0		89.9	83-124				
1,2-Dichlorobenzene	8.32		"	10.0		83.2	79-123				
1,2-Dichloroethane	9.18		"	10.0		91.8	73-132				
1,2-Dichloropropane	9.85		"	10.0		98.5	78-126				
1,3-Dichlorobenzene	8.34		"	10.0		83.4	86-122	Low Bias			
1,3-Dichloropropane	9.13		"	10.0		91.3	81-125				
1,4-Dichlorobenzene	8.34		"	10.0		83.4	85-124	Low Bias			
2,2-Dichloropropane	9.47		"	10.0		94.7	56-150				
2-Chlorotoluene	8.26		"	10.0		82.6	79-130				
4-Chlorotoluene	8.36		"	10.0		83.6	79-128				
Bromobenzene	8.11		"	10.0		81.1	78-129				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	7.68		"	10.0		76.8	78-133	Low Bias			
Bromomethane	5.63		"	10.0		56.3	43-168				
Carbon tetrachloride	9.61		"	10.0		96.1	77-141				
Chlorobenzene	9.38		"	10.0		93.8	88-120				
Chloroethane	9.32		"	10.0		93.2	65-136				
Chloroform	9.64		"	10.0		96.4	82-128				
Chloromethane	11.1		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.93		"	10.0		89.3	80-131				
Dibromochloromethane	8.82		"	10.0		88.2	80-130				
Dibromomethane	8.87		"	10.0		88.7	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Methylene chloride	8.40		"	10.0		84.0	55-137				
Tetrachloroethylene	4.64		"	10.0		46.4	82-131	Low Bias			
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	8.68		"	10.0		86.8	78-131				
Trichloroethylene	8.15		"	10.0		81.5	82-128	Low Bias			
Trichlorofluoromethane	6.96		"	10.0		69.6	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: Surr: 1,2-Dichloroethane-d4	9.14		"	10.0		91.4	69-130				
Surrogate: Surr: Toluene-d8	9.48		"	10.0		94.8	81-117				
Surrogate: Surr: p-Bromofluorobenzene	9.83		"	10.0		98.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30599 - EPA 5030B											
LCS Dup (BG30599-BSD1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.73		ug/L	10.0		87.3	82-126		1.37	30	
1,1,1-Trichloroethane	9.24		"	10.0		92.4	78-136		4.75	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		9.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.73		"	10.0		97.3	54-165		9.59	30	
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123		1.45	30	
1,1-Dichloroethane	9.53		"	10.0		95.3	82-129		4.21	30	
1,1-Dichloroethylene	9.80		"	10.0		98.0	68-138		5.17	30	
1,1-Dichloropropylene	9.11		"	10.0		91.1	83-133		5.55	30	
1,2,3-Trichlorobenzene	7.17		"	10.0		71.7	76-136	Low Bias	11.3	30	
1,2,3-Trichloropropane	9.04		"	10.0		90.4	77-128		7.82	30	
1,2,4-Trichlorobenzene	7.77		"	10.0		77.7	76-137		12.1	30	
1,2-Dibromo-3-chloropropane	8.55		"	10.0		85.5	45-147		8.79	30	
1,2-Dibromoethane	9.04		"	10.0		90.4	83-124		0.555	30	
1,2-Dichlorobenzene	8.33		"	10.0		83.3	79-123		0.120	30	
1,2-Dichloroethane	9.12		"	10.0		91.2	73-132		0.656	30	
1,2-Dichloropropane	9.66		"	10.0		96.6	78-126		1.95	30	
1,3-Dichlorobenzene	7.55		"	10.0		75.5	86-122	Low Bias	9.94	30	
1,3-Dichloropropane	9.17		"	10.0		91.7	81-125		0.437	30	
1,4-Dichlorobenzene	7.49		"	10.0		74.9	85-124	Low Bias	10.7	30	
2,2-Dichloropropane	8.93		"	10.0		89.3	56-150		5.87	30	
2-Chlorotoluene	8.77		"	10.0		87.7	79-130		5.99	30	
4-Chlorotoluene	8.86		"	10.0		88.6	79-128		5.81	30	
Bromobenzene	8.78		"	10.0		87.8	78-129		7.93	30	
Bromochloromethane	10.6		"	10.0		106	77-128		1.97	30	
Bromodichloromethane	8.67		"	10.0		86.7	79-128		2.28	30	
Bromoform	8.86		"	10.0		88.6	78-133		14.3	30	
Bromomethane	5.64		"	10.0		56.4	43-168		0.177	30	
Carbon tetrachloride	9.21		"	10.0		92.1	77-141		4.25	30	
Chlorobenzene	9.26		"	10.0		92.6	88-120		1.29	30	
Chloroethane	9.09		"	10.0		90.9	65-136		2.50	30	
Chloroform	9.29		"	10.0		92.9	82-128		3.70	30	
Chloromethane	10.7		"	10.0		107	43-155		4.04	30	
cis-1,2-Dichloroethylene	9.72		"	10.0		97.2	83-129		3.54	30	
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	80-131		1.35	30	
Dibromochloromethane	8.74		"	10.0		87.4	80-130		0.911	30	
Dibromomethane	8.86		"	10.0		88.6	72-134		0.113	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		5.23	30	
Hexachlorobutadiene	8.81		"	10.0		88.1	67-146		13.8	30	
Methylene chloride	8.19		"	10.0		81.9	55-137		2.53	30	
Tetrachloroethylene	4.44		"	10.0		44.4	82-131	Low Bias	4.41	30	
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132		4.97	30	
trans-1,3-Dichloropropylene	8.60		"	10.0		86.0	78-131		0.926	30	
Trichloroethylene	7.86		"	10.0		78.6	82-128	Low Bias	3.62	30	
Trichlorofluoromethane	7.84		"	10.0		78.4	67-139		11.9	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		5.05	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	9.08		"	10.0		90.8	69-130				
Surrogate: Surr: Toluene-d8	9.52		"	10.0		95.2	81-117				
Surrogate: Surr: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30662 - EPA 5030B

Blank (BG30662-BLK1)

Prepared & Analyzed: 07/13/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	8.82	"	10.0	88.2	69-130
Surrogate: SURR: Toluene-d8	8.90	"	10.0	89.0	81-117
Surrogate: SURR: p-Bromofluorobenzene	11.1	"	10.0	111	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30662 - EPA 5030B											
LCS (BG30662-BS1)						Prepared & Analyzed: 07/13/2023					
1,1,1,2-Tetrachloroethane	8.79		ug/L	10.0		87.9	82-126				
1,1,1-Trichloroethane	9.49		"	10.0		94.9	78-136				
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165				
1,1,2-Trichloroethane	8.95		"	10.0		89.5	82-123				
1,1-Dichloroethane	9.69		"	10.0		96.9	82-129				
1,1-Dichloroethylene	9.72		"	10.0		97.2	68-138				
1,1-Dichloropropylene	9.60		"	10.0		96.0	83-133				
1,2,3-Trichlorobenzene	7.36		"	10.0		73.6	76-136	Low Bias			
1,2,3-Trichloropropane	8.19		"	10.0		81.9	77-128				
1,2,4-Trichlorobenzene	7.97		"	10.0		79.7	76-137				
1,2-Dibromo-3-chloropropane	7.52		"	10.0		75.2	45-147				
1,2-Dibromoethane	9.01		"	10.0		90.1	83-124				
1,2-Dichlorobenzene	8.24		"	10.0		82.4	79-123				
1,2-Dichloroethane	8.42		"	10.0		84.2	73-132				
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126				
1,3-Dichlorobenzene	8.35		"	10.0		83.5	86-122	Low Bias			
1,3-Dichloropropane	8.79		"	10.0		87.9	81-125				
1,4-Dichlorobenzene	8.27		"	10.0		82.7	85-124	Low Bias			
2,2-Dichloropropane	10.6		"	10.0		106	56-150				
2-Chlorotoluene	8.29		"	10.0		82.9	79-130				
4-Chlorotoluene	8.41		"	10.0		84.1	79-128				
Bromobenzene	8.00		"	10.0		80.0	78-129				
Bromochloromethane	9.40		"	10.0		94.0	77-128				
Bromodichloromethane	8.20		"	10.0		82.0	79-128				
Bromoform	9.27		"	10.0		92.7	78-133				
Bromomethane	5.35		"	10.0		53.5	43-168				
Carbon tetrachloride	9.76		"	10.0		97.6	77-141				
Chlorobenzene	9.45		"	10.0		94.5	88-120				
Chloroethane	7.68		"	10.0		76.8	65-136				
Chloroform	9.52		"	10.0		95.2	82-128				
Chloromethane	7.90		"	10.0		79.0	43-155				
cis-1,2-Dichloroethylene	9.67		"	10.0		96.7	83-129				
cis-1,3-Dichloropropylene	8.79		"	10.0		87.9	80-131				
Dibromochloromethane	8.88		"	10.0		88.8	80-130				
Dibromomethane	8.49		"	10.0		84.9	72-134				
Dichlorodifluoromethane	11.0		"	10.0		110	44-144				
Hexachlorobutadiene	9.58		"	10.0		95.8	67-146				
Methylene chloride	7.68		"	10.0		76.8	55-137				
Tetrachloroethylene	4.92		"	10.0		49.2	82-131	Low Bias			
trans-1,2-Dichloroethylene	9.93		"	10.0		99.3	80-132				
trans-1,3-Dichloropropylene	8.33		"	10.0		83.3	78-131				
Trichloroethylene	7.90		"	10.0		79.0	82-128	Low Bias			
Trichlorofluoromethane	7.85		"	10.0		78.5	67-139				
Vinyl Chloride	8.56		"	10.0		85.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.40		"	10.0		84.0	69-130				
Surrogate: SURR: Toluene-d8	9.39		"	10.0		93.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.78		"	10.0		97.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30662 - EPA 5030B											
LCS Dup (BG30662-BSD1)						Prepared & Analyzed: 07/13/2023					
1,1,1,2-Tetrachloroethane	8.83		ug/L	10.0		88.3	82-126		0.454	30	
1,1,1-Trichloroethane	9.28		"	10.0		92.8	78-136		2.24	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		6.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		4.47	30	
1,1,2-Trichloroethane	9.35		"	10.0		93.5	82-123		4.37	30	
1,1-Dichloroethane	9.57		"	10.0		95.7	82-129		1.25	30	
1,1-Dichloroethylene	9.47		"	10.0		94.7	68-138		2.61	30	
1,1-Dichloropropylene	9.33		"	10.0		93.3	83-133		2.85	30	
1,2,3-Trichlorobenzene	7.84		"	10.0		78.4	76-136		6.32	30	
1,2,3-Trichloropropane	8.89		"	10.0		88.9	77-128		8.20	30	
1,2,4-Trichlorobenzene	8.30		"	10.0		83.0	76-137		4.06	30	
1,2-Dibromo-3-chloropropane	8.26		"	10.0		82.6	45-147		9.38	30	
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124		3.70	30	
1,2-Dichlorobenzene	8.45		"	10.0		84.5	79-123		2.52	30	
1,2-Dichloroethane	8.77		"	10.0		87.7	73-132		4.07	30	
1,2-Dichloropropane	9.25		"	10.0		92.5	78-126		0.108	30	
1,3-Dichlorobenzene	8.41		"	10.0		84.1	86-122	Low Bias	0.716	30	
1,3-Dichloropropane	9.11		"	10.0		91.1	81-125		3.58	30	
1,4-Dichlorobenzene	8.38		"	10.0		83.8	85-124	Low Bias	1.32	30	
2,2-Dichloropropane	10.3		"	10.0		103	56-150		3.15	30	
2-Chlorotoluene	8.23		"	10.0		82.3	79-130		0.726	30	
4-Chlorotoluene	8.39		"	10.0		83.9	79-128		0.238	30	
Bromobenzene	8.11		"	10.0		81.1	78-129		1.37	30	
Bromochloromethane	9.59		"	10.0		95.9	77-128		2.00	30	
Bromodichloromethane	8.21		"	10.0		82.1	79-128		0.122	30	
Bromoform	9.68		"	10.0		96.8	78-133		4.33	30	
Bromomethane	5.22		"	10.0		52.2	43-168		2.46	30	
Carbon tetrachloride	9.47		"	10.0		94.7	77-141		3.02	30	
Chlorobenzene	9.41		"	10.0		94.1	88-120		0.424	30	
Chloroethane	7.39		"	10.0		73.9	65-136		3.85	30	
Chloroform	9.41		"	10.0		94.1	82-128		1.16	30	
Chloromethane	7.26		"	10.0		72.6	43-155		8.44	30	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	83-129		0.311	30	
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	80-131		1.02	30	
Dibromochloromethane	9.11		"	10.0		91.1	80-130		2.56	30	
Dibromomethane	8.67		"	10.0		86.7	72-134		2.10	30	
Dichlorodifluoromethane	10.3		"	10.0		103	44-144		6.68	30	
Hexachlorobutadiene	9.70		"	10.0		97.0	67-146		1.24	30	
Methylene chloride	7.86		"	10.0		78.6	55-137		2.32	30	
Tetrachloroethylene	4.69		"	10.0		46.9	82-131	Low Bias	4.79	30	
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	80-132		3.17	30	
trans-1,3-Dichloropropylene	8.58		"	10.0		85.8	78-131		2.96	30	
Trichloroethylene	7.63		"	10.0		76.3	82-128	Low Bias	3.48	30	
Trichlorofluoromethane	7.42		"	10.0		74.2	67-139		5.63	30	
Vinyl Chloride	8.13		"	10.0		81.3	58-145		5.15	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	8.73		"	10.0		87.3	69-130				
Surrogate: SURRE: Toluene-d8	9.21		"	10.0		92.1	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.82		"	10.0		98.2	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30751 - EPA 5030B

Blank (BG30751-BLK1)

Prepared & Analyzed: 07/14/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	8.80	"	10.0	88.0	69-130
Surrogate: SURR: Toluene-d8	9.22	"	10.0	92.2	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.74	"	10.0	97.4	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30751 - EPA 5030B											
LCS (BG30751-BS1)						Prepared & Analyzed: 07/14/2023					
1,1,1,2-Tetrachloroethane	9.06		ug/L	10.0		90.6	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.90		"	10.0		99.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	9.06		"	10.0		90.6	82-123				
1,1-Dichloroethane	9.75		"	10.0		97.5	82-129				
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138				
1,1-Dichloropropylene	9.79		"	10.0		97.9	83-133				
1,2,3-Trichlorobenzene	8.74		"	10.0		87.4	76-136				
1,2,3-Trichloropropane	8.60		"	10.0		86.0	77-128				
1,2,4-Trichlorobenzene	8.98		"	10.0		89.8	76-137				
1,2-Dibromo-3-chloropropane	8.37		"	10.0		83.7	45-147				
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124				
1,2-Dichlorobenzene	8.44		"	10.0		84.4	79-123				
1,2-Dichloroethane	9.06		"	10.0		90.6	73-132				
1,2-Dichloropropane	9.03		"	10.0		90.3	78-126				
1,3-Dichlorobenzene	8.53		"	10.0		85.3	86-122	Low Bias			
1,3-Dichloropropane	8.95		"	10.0		89.5	81-125				
1,4-Dichlorobenzene	8.41		"	10.0		84.1	85-124	Low Bias			
2,2-Dichloropropane	10.9		"	10.0		109	56-150				
2-Chlorotoluene	8.17		"	10.0		81.7	79-130				
4-Chlorotoluene	8.33		"	10.0		83.3	79-128				
Bromobenzene	7.84		"	10.0		78.4	78-129				
Bromochloromethane	9.26		"	10.0		92.6	77-128				
Bromodichloromethane	8.31		"	10.0		83.1	79-128				
Bromoform	9.86		"	10.0		98.6	78-133				
Bromomethane	5.22		"	10.0		52.2	43-168				
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	9.57		"	10.0		95.7	88-120				
Chloroethane	7.29		"	10.0		72.9	65-136				
Chloroform	9.96		"	10.0		99.6	82-128				
Chloromethane	7.09		"	10.0		70.9	43-155				
cis-1,2-Dichloroethylene	9.81		"	10.0		98.1	83-129				
cis-1,3-Dichloropropylene	8.73		"	10.0		87.3	80-131				
Dibromochloromethane	9.37		"	10.0		93.7	80-130				
Dibromomethane	8.62		"	10.0		86.2	72-134				
Dichlorodifluoromethane	9.60		"	10.0		96.0	44-144				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Methylene chloride	7.72		"	10.0		77.2	55-137				
Tetrachloroethylene	4.99		"	10.0		49.9	82-131	Low Bias			
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	8.46		"	10.0		84.6	78-131				
Trichloroethylene	7.81		"	10.0		78.1	82-128	Low Bias			
Trichlorofluoromethane	7.83		"	10.0		78.3	67-139				
Vinyl Chloride	7.68		"	10.0		76.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.88		"	10.0		88.8	69-130				
Surrogate: SURR: Toluene-d8	9.18		"	10.0		91.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.54		"	10.0		95.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30751 - EPA 5030B											
LCS Dup (BG30751-BSD1)						Prepared & Analyzed: 07/14/2023					
1,1,1,2-Tetrachloroethane	8.78		ug/L	10.0		87.8	82-126		3.14	30	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-136		4.39	30	
1,1,2,2-Tetrachloroethane	9.67		"	10.0		96.7	76-129		2.35	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		6.75	30	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	82-123		2.35	30	
1,1-Dichloroethane	9.35		"	10.0		93.5	82-129		4.19	30	
1,1-Dichloroethylene	9.23		"	10.0		92.3	68-138		5.38	30	
1,1-Dichloropropylene	9.34		"	10.0		93.4	83-133		4.70	30	
1,2,3-Trichlorobenzene	7.65		"	10.0		76.5	76-136		13.3	30	
1,2,3-Trichloropropane	8.48		"	10.0		84.8	77-128		1.41	30	
1,2,4-Trichlorobenzene	8.32		"	10.0		83.2	76-137		7.63	30	
1,2-Dibromo-3-chloropropane	7.46		"	10.0		74.6	45-147		11.5	30	
1,2-Dibromoethane	8.96		"	10.0		89.6	83-124		4.26	30	
1,2-Dichlorobenzene	8.19		"	10.0		81.9	79-123		3.01	30	
1,2-Dichloroethane	8.70		"	10.0		87.0	73-132		4.05	30	
1,2-Dichloropropane	8.59		"	10.0		85.9	78-126		4.99	30	
1,3-Dichlorobenzene	8.27		"	10.0		82.7	86-122	Low Bias	3.10	30	
1,3-Dichloropropane	8.58		"	10.0		85.8	81-125		4.22	30	
1,4-Dichlorobenzene	8.23		"	10.0		82.3	85-124	Low Bias	2.16	30	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		6.91	30	
2-Chlorotoluene	8.00		"	10.0		80.0	79-130		2.10	30	
4-Chlorotoluene	8.11		"	10.0		81.1	79-128		2.68	30	
Bromobenzene	7.75		"	10.0		77.5	78-129	Low Bias	1.15	30	
Bromochloromethane	9.10		"	10.0		91.0	77-128		1.74	30	
Bromodichloromethane	8.05		"	10.0		80.5	79-128		3.18	30	
Bromoform	9.31		"	10.0		93.1	78-133		5.74	30	
Bromomethane	4.91		"	10.0		49.1	43-168		6.12	30	
Carbon tetrachloride	9.74		"	10.0		97.4	77-141		5.88	30	
Chlorobenzene	9.16		"	10.0		91.6	88-120		4.38	30	
Chloroethane	7.01		"	10.0		70.1	65-136		3.92	30	
Chloroform	9.53		"	10.0		95.3	82-128		4.41	30	
Chloromethane	6.30		"	10.0		63.0	43-155		11.8	30	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	83-129		4.48	30	
cis-1,3-Dichloropropylene	8.37		"	10.0		83.7	80-131		4.21	30	
Dibromochloromethane	8.91		"	10.0		89.1	80-130		5.03	30	
Dibromomethane	8.27		"	10.0		82.7	72-134		4.14	30	
Dichlorodifluoromethane	9.10		"	10.0		91.0	44-144		5.35	30	
Hexachlorobutadiene	9.90		"	10.0		99.0	67-146		6.45	30	
Methylene chloride	7.64		"	10.0		76.4	55-137		1.04	30	
Tetrachloroethylene	4.71		"	10.0		47.1	82-131	Low Bias	5.77	30	
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	80-132		4.81	30	
trans-1,3-Dichloropropylene	8.03		"	10.0		80.3	78-131		5.22	30	
Trichloroethylene	7.52		"	10.0		75.2	82-128	Low Bias	3.78	30	
Trichlorofluoromethane	7.42		"	10.0		74.2	67-139		5.38	30	
Vinyl Chloride	7.15		"	10.0		71.5	58-145		7.15	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	8.61		"	10.0		86.1	69-130				
Surrogate: SURR: Toluene-d8	9.16		"	10.0		91.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.65		"	10.0		96.5	79-122				



Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30370 - Preparation for GC Analysis

Blank (BG30370-BLK1)

Prepared & Analyzed: 07/08/2023

Methane	ND	10	ug/L

Duplicate (BG30370-DUP1)

*Source sample: 23G0246-18 (MW-J1 (17))

Prepared & Analyzed: 07/08/2023

Methane	94	10	ug/L	110	14.2	25



Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30661 - EPA 3015A

Blank (BG30661-BLK1)

Prepared & Analyzed: 07/13/2023

Arsenic	ND	1.00	ug/L
Chromium	ND	1.00	"
Lead	ND	1.00	"

LCS (BG30661-BS1)

Prepared & Analyzed: 07/13/2023

Arsenic	68.4		ug/L	50.0		137	80-120	High Bias
Chromium	44.9		"	50.0		89.8	80-120	
Lead	50.5		"	50.0		101	80-120	

Duplicate (BG30661-DUP1)

*Source sample: 23G0246-06 (MW-B4 (38))

Prepared & Analyzed: 07/13/2023

Arsenic	ND	1.00	ug/L		ND				20
Chromium	29.0	1.00	"		31.7			8.88	20
Lead	ND	1.00	"		ND				20

Matrix Spike (BG30661-MS1)

*Source sample: 23G0246-06 (MW-B4 (38))

Prepared & Analyzed: 07/13/2023

Arsenic	82.3		ug/L	50.0	0.847	163	75-125	High Bias
Chromium	106		"	50.0	31.7	148	75-125	High Bias
Lead	76.6		"	50.0	-0.072	153	75-125	High Bias



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0246-01	MW-27D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-02	MW-28S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-03	MW-28D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-04	MW-29D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-05	MW-B1 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-06	MW-B4 (38)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-07	MW-C2 (17)	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
23G0246-08	MW-D1 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-09	MW-E1 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-10	MW-E4 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-11	MW-F1 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-12	MW-F2 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-13	MW-F3 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-14	MW-G1 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-15	MW-G2 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-16	MW-I1 (38)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-17	MW-I3 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-18	MW-J1 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-19	MW-J2 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0246-20	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.



2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include results for Trichloroethylene in sample 05.



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

2360296

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 2

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: WSP	Company:	Company:	31401626	RUSH - Next Day
Address: 6 Boxer Ave Ste 260 Shelton CT 06484	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone: 203-929-8555	Phone: SAME	Phone: SAME	Sony	RUSH - Three Day
Contact: Karen Desrebruns	Contact:	Contact:	YOUR PO#:	RUSH - Four Day
E-mail: Karen.Desrebruns@wsp.com	E-mail:	E-mail:		RUSH - Five Day
				Standard (6-9 Day) ☒
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Patricia Spas

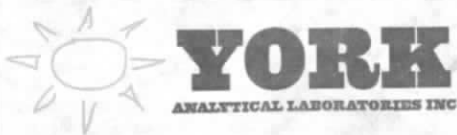
Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report CT RCP	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report CT RCP DQA/DUA	
DW - drinking water	Connecticut	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	NY ASP B Package Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-27D	GW	7/5/23 1429	HVOCs 8260 + Meture	Voa	5
MW-28S		1352			3
MW-28D		1134	+ As, Cr, Pb	+ Phsrl	4
MW-29D		1052	+ As, Cr, Pb	+ Phsrl	4
MW-B1(17)		1104			3
MW-B4(38)		957	+ ~~Meture~~ As, Cr, Pb	+ Phsrl	4
MW-C2(17)		1305			3
MW-D1(17)		1350			3
MW-E1(17)		1519			3
MW-E4(17)		1212			3

Comments:	Preservation: (check all that apply)	Special Instruction
MW-C2(17) Contained Residual Sodium Perfluorooctanoate - Provided in Sodium Perfluorooctanoate Vial - No HCl	HCl ☒ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___	Field Filtered
Samples iced/chilled at time of lab pickup? circle Yes or No	ZnAc ___ Ascorbic Acid ___ Other: ___	Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
WSP	7/6/23 1600				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time Temperature
				CH	7/6/23 4:00 3.1 Degrees C



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

2360296

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 2 of 2

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: WSP		Company:		Company:		31401626		RUSH - Next Day	
Address: 6 Renna Ave Ste 260 Shelton CT 06484		Address:		Address:				RUSH - Two Day	
Phone: 203-929-8555		Phone: SAME		Phone: SAME		YOUR Project Name		RUSH - Three Day	
Contact: Karen Deschamps		Contact:		Contact:		Sony		RUSH - Four Day	
E-mail: Karen.Deschamps@wsp.com		E-mail:		E-mail:		YOUR PO#:		RUSH - Five Day	
								Standard (6-9 Day) ☒	
								PFAS Standard is 7-10 Days	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Parish Spaul

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report CT RCP EQUIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report CT RCP DQA/DUE <u>NYSDEC EQUIS</u>	
DW - drinking water	Connecticut	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	NY ASP B Package Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-F1 (17)	GW	7/5/23 1530	HVOCs 8260	Ven	3
MW-F2 (17)		1437			3
MW-F3 (17)		1259	+ Methane		5
MW-G1 (17)		1440			3
MW-G2 (17)		1530			3
MW-I1 (38)		1010			3
MW-I3 (17)		1310	+ Methane		5
MW-J1 (17)		1210	+ Methane		5
MW-J2 (17)		1110			3
TB		LAB			2

Comments:

Preservation: (check all that apply)		Special Instruction
HCl ☒	MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐	Field Filtered
ZnAc ☐	Ascorbic Acid ☐ Other: ☐	Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company WSP Date/Time: 7/6/23 1600	1. Samples Received by / Company Date/Time:	2. Samples Relinquished by / Company Date/Time:
2. Samples Received by / Company Date/Time:	3. Samples Relinquished by / Company Date/Time:	3. Samples Received by / Company Date/Time:
4. Samples Relinquished by / Company Date/Time:	4. Samples Received by / Company Date/Time:	Samples Received in LAB by Date/Time: 7/6/23 4:00 Temperature: 3.1 Degrees C



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/13/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0247

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/13/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0247

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 06, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0247-01	MW-9S	Water	07/06/2023	07/06/2023
23G0247-02	MW-9D	Water	07/06/2023	07/06/2023
23G0247-03	MW-A1 (17)	Water	07/06/2023	07/06/2023

General Notes for York Project (SDG) No.: 23G0247

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

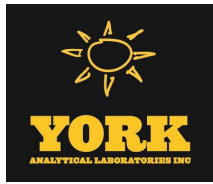
Approved By:



Date: 07/13/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-9S

York Sample ID: 23G0247-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0247

31401626 Sony

Water

July 6, 2023 10:13 am

07/06/2023

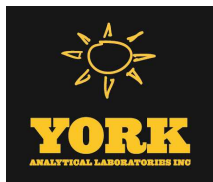
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
71-55-6	1,1,1-Trichloroethane	0.920		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
75-34-3	1,1-Dichloroethane	1.51		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
75-35-4	1,1-Dichloroethylene	2.19		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/12/2023 23:27	SMA



Sample Information

Client Sample ID: MW-9S

York Sample ID: 23G0247-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0247

31401626 Sony

Water

July 6, 2023 10:13 am

07/06/2023

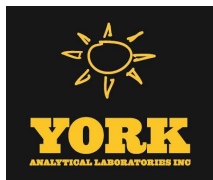
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:27	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:27	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
156-59-2	cis-1,2-Dichloroethylene	4.71		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:27	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:27	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:27	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
79-01-6	Trichloroethylene	10.8	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA
75-01-4	Vinyl Chloride	0.930		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:27	SMA



Sample Information

Client Sample ID: MW-9S

York Sample ID: 23G0247-01

York Project (SDG) No.
23G0247

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 10:13 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.3 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.7 %			79-122						

Sample Information

Client Sample ID: MW-9D

York Sample ID: 23G0247-02

York Project (SDG) No.
23G0247

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 9:05 am

Date Received
07/06/2023

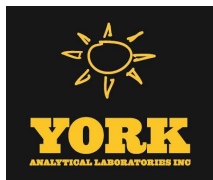
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
71-55-6	1,1,1-Trichloroethane	6.47		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
75-34-3	1,1-Dichloroethane	14.3		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
75-35-4	1,1-Dichloroethylene	4.39		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/12/2023 23:56	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:56	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:56	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:56	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA



Sample Information

Client Sample ID: MW-9D

York Sample ID: 23G0247-02

York Project (SDG) No.
23G0247

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 9:05 am

Date Received
07/06/2023

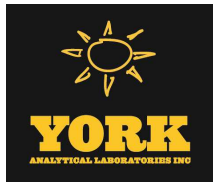
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 23:56	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 23:56	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 23:56	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 23:56	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
156-59-2	cis-1,2-Dichloroethylene	3.93		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 23:56	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 23:56	SMA



Sample Information

Client Sample ID: MW-9D

York Sample ID: 23G0247-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0247

31401626 Sony

Water

July 6, 2023 9:05 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:56	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/12/2023 23:56	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
79-01-6	Trichloroethylene	21.8	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/12/2023 23:56	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/12/2023 23:56	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.2 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	95.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	79-122								

Sample Information

Client Sample ID: MW-A1 (17)

York Sample ID: 23G0247-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0247

31401626 Sony

Water

July 6, 2023 10:10 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
71-55-6	1,1,1-Trichloroethane	12.7		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 00:24	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA



Sample Information

Client Sample ID: MW-A1 (17)

York Sample ID: 23G0247-03

York Project (SDG) No.
23G0247

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 10:10 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
75-34-3	1,1-Dichloroethane	2.99		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
75-35-4	1,1-Dichloroethylene	5.31		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 00:24	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:24	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:24	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:24	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:24	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:24	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:24	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:24	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:24	SMA



Sample Information

Client Sample ID: MW-A1 (17)

York Sample ID: 23G0247-03

York Project (SDG) No.
23G0247

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 10:10 am

Date Received
07/06/2023

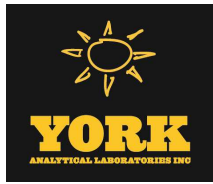
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
67-66-3	Chloroform	0.300	J	ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
156-59-2	cis-1,2-Dichloroethylene	1.42		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
79-01-6	Trichloroethylene	25.4	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:24	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.5 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	79-122								



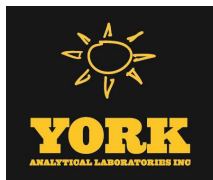
Analytical Batch Summary

Batch ID: BG30599

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0247-01	MW-9S	07/12/23
23G0247-02	MW-9D	07/12/23
23G0247-03	MW-A1 (17)	07/12/23
BG30599-BLK1	Blank	07/12/23
BG30599-BS1	LCS	07/12/23
BG30599-BSD1	LCS Dup	07/12/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

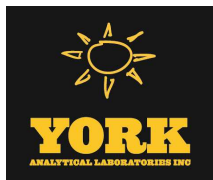
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30599 - EPA 5030B

Blank (BG30599-BLK1)

Prepared & Analyzed: 07/12/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.34		"	10.0		93.4	69-130				
Surrogate: SURR: Toluene-d8	9.44		"	10.0		94.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

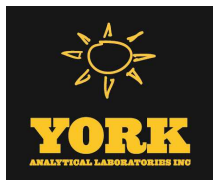
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30599 - EPA 5030B

LCS (BG30599-BS1)

Prepared & Analyzed: 07/12/2023

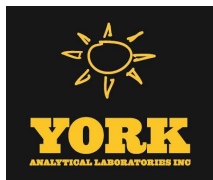
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82-126				
1,1,1-Trichloroethane	9.69		"	10.0		96.9	78-136				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	8.90		"	10.0		89.0	82-123				
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,1-Dichloropropylene	9.63		"	10.0		96.3	83-133				
1,2,3-Trichlorobenzene	8.03		"	10.0		80.3	76-136				
1,2,3-Trichloropropane	8.36		"	10.0		83.6	77-128				
1,2,4-Trichlorobenzene	8.77		"	10.0		87.7	76-137				
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	45-147				
1,2-Dibromoethane	8.99		"	10.0		89.9	83-124				
1,2-Dichlorobenzene	8.32		"	10.0		83.2	79-123				
1,2-Dichloroethane	9.18		"	10.0		91.8	73-132				
1,2-Dichloropropane	9.85		"	10.0		98.5	78-126				
1,3-Dichlorobenzene	8.34		"	10.0		83.4	86-122	Low Bias			
1,3-Dichloropropane	9.13		"	10.0		91.3	81-125				
1,4-Dichlorobenzene	8.34		"	10.0		83.4	85-124	Low Bias			
2,2-Dichloropropane	9.47		"	10.0		94.7	56-150				
2-Chlorotoluene	8.26		"	10.0		82.6	79-130				
4-Chlorotoluene	8.36		"	10.0		83.6	79-128				
Bromobenzene	8.11		"	10.0		81.1	78-129				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	7.68		"	10.0		76.8	78-133	Low Bias			
Bromomethane	5.63		"	10.0		56.3	43-168				
Carbon tetrachloride	9.61		"	10.0		96.1	77-141				
Chlorobenzene	9.38		"	10.0		93.8	88-120				
Chloroethane	9.32		"	10.0		93.2	65-136				
Chloroform	9.64		"	10.0		96.4	82-128				
Chloromethane	11.1		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.93		"	10.0		89.3	80-131				
Dibromochloromethane	8.82		"	10.0		88.2	80-130				
Dibromomethane	8.87		"	10.0		88.7	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Methylene chloride	8.40		"	10.0		84.0	55-137				
Tetrachloroethylene	4.64		"	10.0		46.4	82-131	Low Bias			
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	8.68		"	10.0		86.8	78-131				
Trichloroethylene	8.15		"	10.0		81.5	82-128	Low Bias			
Trichlorofluoromethane	6.96		"	10.0		69.6	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.14		"	10.0		91.4	69-130				
Surrogate: SURR: Toluene-d8	9.48		"	10.0		94.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.83		"	10.0		98.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30599 - EPA 5030B											
LCS Dup (BG30599-BSD1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.73		ug/L	10.0		87.3	82-126		1.37	30	
1,1,1-Trichloroethane	9.24		"	10.0		92.4	78-136		4.75	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		9.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.73		"	10.0		97.3	54-165		9.59	30	
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123		1.45	30	
1,1-Dichloroethane	9.53		"	10.0		95.3	82-129		4.21	30	
1,1-Dichloroethylene	9.80		"	10.0		98.0	68-138		5.17	30	
1,1-Dichloropropylene	9.11		"	10.0		91.1	83-133		5.55	30	
1,2,3-Trichlorobenzene	7.17		"	10.0		71.7	76-136	Low Bias	11.3	30	
1,2,3-Trichloropropane	9.04		"	10.0		90.4	77-128		7.82	30	
1,2,4-Trichlorobenzene	7.77		"	10.0		77.7	76-137		12.1	30	
1,2-Dibromo-3-chloropropane	8.55		"	10.0		85.5	45-147		8.79	30	
1,2-Dibromoethane	9.04		"	10.0		90.4	83-124		0.555	30	
1,2-Dichlorobenzene	8.33		"	10.0		83.3	79-123		0.120	30	
1,2-Dichloroethane	9.12		"	10.0		91.2	73-132		0.656	30	
1,2-Dichloropropane	9.66		"	10.0		96.6	78-126		1.95	30	
1,3-Dichlorobenzene	7.55		"	10.0		75.5	86-122	Low Bias	9.94	30	
1,3-Dichloropropane	9.17		"	10.0		91.7	81-125		0.437	30	
1,4-Dichlorobenzene	7.49		"	10.0		74.9	85-124	Low Bias	10.7	30	
2,2-Dichloropropane	8.93		"	10.0		89.3	56-150		5.87	30	
2-Chlorotoluene	8.77		"	10.0		87.7	79-130		5.99	30	
4-Chlorotoluene	8.86		"	10.0		88.6	79-128		5.81	30	
Bromobenzene	8.78		"	10.0		87.8	78-129		7.93	30	
Bromochloromethane	10.6		"	10.0		106	77-128		1.97	30	
Bromodichloromethane	8.67		"	10.0		86.7	79-128		2.28	30	
Bromoform	8.86		"	10.0		88.6	78-133		14.3	30	
Bromomethane	5.64		"	10.0		56.4	43-168		0.177	30	
Carbon tetrachloride	9.21		"	10.0		92.1	77-141		4.25	30	
Chlorobenzene	9.26		"	10.0		92.6	88-120		1.29	30	
Chloroethane	9.09		"	10.0		90.9	65-136		2.50	30	
Chloroform	9.29		"	10.0		92.9	82-128		3.70	30	
Chloromethane	10.7		"	10.0		107	43-155		4.04	30	
cis-1,2-Dichloroethylene	9.72		"	10.0		97.2	83-129		3.54	30	
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	80-131		1.35	30	
Dibromochloromethane	8.74		"	10.0		87.4	80-130		0.911	30	
Dibromomethane	8.86		"	10.0		88.6	72-134		0.113	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		5.23	30	
Hexachlorobutadiene	8.81		"	10.0		88.1	67-146		13.8	30	
Methylene chloride	8.19		"	10.0		81.9	55-137		2.53	30	
Tetrachloroethylene	4.44		"	10.0		44.4	82-131	Low Bias	4.41	30	
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132		4.97	30	
trans-1,3-Dichloropropylene	8.60		"	10.0		86.0	78-131		0.926	30	
Trichloroethylene	7.86		"	10.0		78.6	82-128	Low Bias	3.62	30	
Trichlorofluoromethane	7.84		"	10.0		78.4	67-139		11.9	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		5.05	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.08		"	10.0		90.8	69-130				
Surrogate: SURR: Toluene-d8	9.52		"	10.0		95.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0247-01	MW-9S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0247-02	MW-9D	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
23G0247-03	MW-A1 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

23G0247

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: WSP	Company:	Company:		31401626	RUSH - Next Day
Address: 6 Rexel Ave Ste 260 Shelton CT 06484	Address:	Address:			RUSH - Two Day
Phone: 203-924-8555	Phone: SAME	Phone: SAME		YOUR Project Name	RUSH - Three Day
Contact: Karen Desretnis	Contact:	Contact:		Sony	RUSH - Four Day
E-mail: karen.desretnis@wsp.com	E-mail:	E-mail:		YOUR PO#:	RUSH - Five Day
					Standard (6-9 Day) ☒
					PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete.
Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

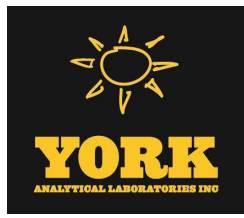
P. Desretnis

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report CT RCP EQUIS (Standard)	Compared to the following
GW - groundwater	New Jersey	QA Report CT RCP DQA/DUE <u>NYSDEC EQUIS</u>	Regulation(s): (please fill in)
DW - drinking water	Connecticut	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	<u>NY ASP B Package</u> Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-95	GW	7/6/23 1013	HVOCs 8260	Vox	3
MW-90	GW	905			3
MW-A1(17)	GW	1010			3

Comments:		Preservation: (check all that apply)		Special Instruction	
		HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐	Field Filtered		
		ZnAc ☐ Ascorbic Acid ☐ Other: ☐	Lab to Filter		
Samples iced/chilled at time of lab pickup? circle Yes or No					
1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
WSP	7/6/23 1600				
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time Temperature
				EH	7/6/23 4:00 3.1
					Degrees C



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/13/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0248

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/13/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0248

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 06, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0248-01	MW-13	Water	07/06/2023	07/06/2023
23G0248-02	MW-21	Water	07/06/2023	07/06/2023
23G0248-03	MW-30S	Water	07/06/2023	07/06/2023
23G0248-04	MW-30D	Water	07/06/2023	07/06/2023

General Notes for York Project (SDG) No.: 23G0248

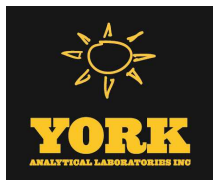
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 07/13/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-13

York Sample ID: 23G0248-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0248

31401626 Sony

Water

July 6, 2023 12:35 pm

07/06/2023

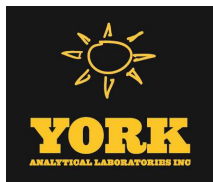
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30	07/13/2023 00:52	SMA



Sample Information

Client Sample ID: MW-13

York Sample ID: 23G0248-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0248

31401626 Sony

Water

July 6, 2023 12:35 pm

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:52	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:52	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
156-59-2	cis-1,2-Dichloroethylene	0.460	J	ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:52	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:52	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 00:52	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
79-01-6	Trichloroethylene	1.06	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 00:52	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-13

York Sample ID: 23G0248-01

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 12:35 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.8 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	115 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						

Sample Information

Client Sample ID: MW-21

York Sample ID: 23G0248-02

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 1:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 01:20	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 01:20	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 01:20	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 01:20	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA



Sample Information

Client Sample ID: MW-21

York Sample ID: 23G0248-02

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 1:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:20	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:20	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:20	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:20	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:20	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:20	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:20	SMA



Sample Information

Client Sample ID: MW-21

York Sample ID: 23G0248-02

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 1:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 01:20	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:20	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.9 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	96.7 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	79-122								

Sample Information

Client Sample ID: MW-30S

York Sample ID: 23G0248-03

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 10:45 am

Date Received
07/06/2023

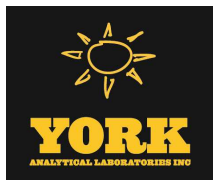
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:49	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:49	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:49	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:49	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 01:49	SMA



Sample Information

Client Sample ID: MW-30S

York Sample ID: 23G0248-03

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 10:45 am

Date Received
07/06/2023

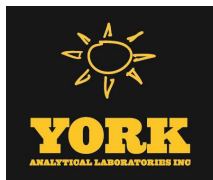
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	07/13/2023 01:49	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA



Sample Information

Client Sample ID: MW-30S

York Sample ID: 23G0248-03

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 10:45 am

Date Received
07/06/2023

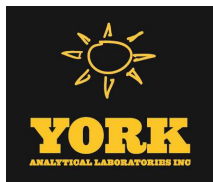
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 01:49	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 01:49	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.7 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	95.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	88.4 %	79-122								



Sample Information

Client Sample ID: MW-30D

York Sample ID: 23G0248-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0248

31401626 Sony

Water

July 6, 2023 11:35 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 02:17	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA



Sample Information

Client Sample ID: MW-30D

York Sample ID: 23G0248-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0248

31401626 Sony

Water

July 6, 2023 11:35 am

07/06/2023

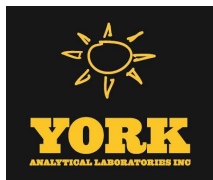
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
67-66-3	Chloroform	0.250	J	ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:17	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
127-18-4	Tetrachloroethylene	1.10	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:17	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.6 %	69-130								



Sample Information

Client Sample ID: MW-30D

York Sample ID: 23G0248-04

York Project (SDG) No.
23G0248

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 11:35 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	94.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						



Analytical Batch Summary

Batch ID: BG30599

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0248-01	MW-13	07/12/23
23G0248-02	MW-21	07/12/23
23G0248-03	MW-30S	07/12/23
23G0248-04	MW-30D	07/12/23
BG30599-BLK1	Blank	07/12/23
BG30599-BS1	LCS	07/12/23
BG30599-BSD1	LCS Dup	07/12/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30599 - EPA 5030B

Blank (BG30599-BLK1)

Prepared & Analyzed: 07/12/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.34		"	10.0		93.4	69-130				
Surrogate: SURR: Toluene-d8	9.44		"	10.0		94.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

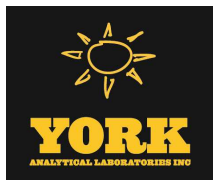
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30599 - EPA 5030B

LCS (BG30599-BS1)

Prepared & Analyzed: 07/12/2023

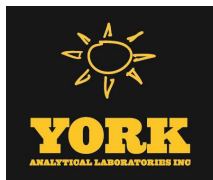
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82-126				
1,1,1-Trichloroethane	9.69		"	10.0		96.9	78-136				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	8.90		"	10.0		89.0	82-123				
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,1-Dichloropropylene	9.63		"	10.0		96.3	83-133				
1,2,3-Trichlorobenzene	8.03		"	10.0		80.3	76-136				
1,2,3-Trichloropropane	8.36		"	10.0		83.6	77-128				
1,2,4-Trichlorobenzene	8.77		"	10.0		87.7	76-137				
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	45-147				
1,2-Dibromoethane	8.99		"	10.0		89.9	83-124				
1,2-Dichlorobenzene	8.32		"	10.0		83.2	79-123				
1,2-Dichloroethane	9.18		"	10.0		91.8	73-132				
1,2-Dichloropropane	9.85		"	10.0		98.5	78-126				
1,3-Dichlorobenzene	8.34		"	10.0		83.4	86-122	Low Bias			
1,3-Dichloropropane	9.13		"	10.0		91.3	81-125				
1,4-Dichlorobenzene	8.34		"	10.0		83.4	85-124	Low Bias			
2,2-Dichloropropane	9.47		"	10.0		94.7	56-150				
2-Chlorotoluene	8.26		"	10.0		82.6	79-130				
4-Chlorotoluene	8.36		"	10.0		83.6	79-128				
Bromobenzene	8.11		"	10.0		81.1	78-129				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	7.68		"	10.0		76.8	78-133	Low Bias			
Bromomethane	5.63		"	10.0		56.3	43-168				
Carbon tetrachloride	9.61		"	10.0		96.1	77-141				
Chlorobenzene	9.38		"	10.0		93.8	88-120				
Chloroethane	9.32		"	10.0		93.2	65-136				
Chloroform	9.64		"	10.0		96.4	82-128				
Chloromethane	11.1		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.93		"	10.0		89.3	80-131				
Dibromochloromethane	8.82		"	10.0		88.2	80-130				
Dibromomethane	8.87		"	10.0		88.7	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Methylene chloride	8.40		"	10.0		84.0	55-137				
Tetrachloroethylene	4.64		"	10.0		46.4	82-131	Low Bias			
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	8.68		"	10.0		86.8	78-131				
Trichloroethylene	8.15		"	10.0		81.5	82-128	Low Bias			
Trichlorofluoromethane	6.96		"	10.0		69.6	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.14		"	10.0		91.4	69-130				
Surrogate: SURR: Toluene-d8	9.48		"	10.0		94.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.83		"	10.0		98.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

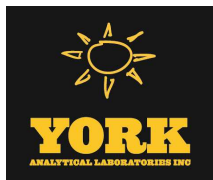
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30599 - EPA 5030B											
LCS Dup (BG30599-BSD1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.73		ug/L	10.0		87.3	82-126		1.37	30	
1,1,1-Trichloroethane	9.24		"	10.0		92.4	78-136		4.75	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		9.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.73		"	10.0		97.3	54-165		9.59	30	
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123		1.45	30	
1,1-Dichloroethane	9.53		"	10.0		95.3	82-129		4.21	30	
1,1-Dichloroethylene	9.80		"	10.0		98.0	68-138		5.17	30	
1,1-Dichloropropylene	9.11		"	10.0		91.1	83-133		5.55	30	
1,2,3-Trichlorobenzene	7.17		"	10.0		71.7	76-136	Low Bias	11.3	30	
1,2,3-Trichloropropane	9.04		"	10.0		90.4	77-128		7.82	30	
1,2,4-Trichlorobenzene	7.77		"	10.0		77.7	76-137		12.1	30	
1,2-Dibromo-3-chloropropane	8.55		"	10.0		85.5	45-147		8.79	30	
1,2-Dibromoethane	9.04		"	10.0		90.4	83-124		0.555	30	
1,2-Dichlorobenzene	8.33		"	10.0		83.3	79-123		0.120	30	
1,2-Dichloroethane	9.12		"	10.0		91.2	73-132		0.656	30	
1,2-Dichloropropane	9.66		"	10.0		96.6	78-126		1.95	30	
1,3-Dichlorobenzene	7.55		"	10.0		75.5	86-122	Low Bias	9.94	30	
1,3-Dichloropropane	9.17		"	10.0		91.7	81-125		0.437	30	
1,4-Dichlorobenzene	7.49		"	10.0		74.9	85-124	Low Bias	10.7	30	
2,2-Dichloropropane	8.93		"	10.0		89.3	56-150		5.87	30	
2-Chlorotoluene	8.77		"	10.0		87.7	79-130		5.99	30	
4-Chlorotoluene	8.86		"	10.0		88.6	79-128		5.81	30	
Bromobenzene	8.78		"	10.0		87.8	78-129		7.93	30	
Bromochloromethane	10.6		"	10.0		106	77-128		1.97	30	
Bromodichloromethane	8.67		"	10.0		86.7	79-128		2.28	30	
Bromoform	8.86		"	10.0		88.6	78-133		14.3	30	
Bromomethane	5.64		"	10.0		56.4	43-168		0.177	30	
Carbon tetrachloride	9.21		"	10.0		92.1	77-141		4.25	30	
Chlorobenzene	9.26		"	10.0		92.6	88-120		1.29	30	
Chloroethane	9.09		"	10.0		90.9	65-136		2.50	30	
Chloroform	9.29		"	10.0		92.9	82-128		3.70	30	
Chloromethane	10.7		"	10.0		107	43-155		4.04	30	
cis-1,2-Dichloroethylene	9.72		"	10.0		97.2	83-129		3.54	30	
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	80-131		1.35	30	
Dibromochloromethane	8.74		"	10.0		87.4	80-130		0.911	30	
Dibromomethane	8.86		"	10.0		88.6	72-134		0.113	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		5.23	30	
Hexachlorobutadiene	8.81		"	10.0		88.1	67-146		13.8	30	
Methylene chloride	8.19		"	10.0		81.9	55-137		2.53	30	
Tetrachloroethylene	4.44		"	10.0		44.4	82-131	Low Bias	4.41	30	
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132		4.97	30	
trans-1,3-Dichloropropylene	8.60		"	10.0		86.0	78-131		0.926	30	
Trichloroethylene	7.86		"	10.0		78.6	82-128	Low Bias	3.62	30	
Trichlorofluoromethane	7.84		"	10.0		78.4	67-139		11.9	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		5.05	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.08		"	10.0		90.8	69-130				
Surrogate: SURR: Toluene-d8	9.52		"	10.0		95.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0248-01	MW-13	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0248-02	MW-21	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0248-03	MW-30S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0248-04	MW-30D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

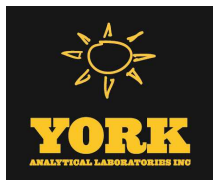
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

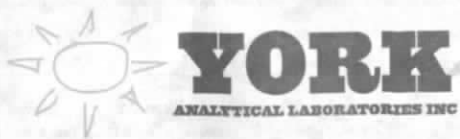
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

23GC248

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: WSP	Company:	Company:	31401626.	RUSH - Next Day
Address: 6 Resum Ave Ste 260 Shelton CT 06484	Address:	Address:		RUSH - Two Day
Phone: 203-929-8555	Phone: SAME	Phone: SAME	YOUR Project Name	RUSH - Three Day
Contact: Karen Desrosiers	Contact:	Contact:	Sony	RUSH - Four Day
E-mail: Karen.desrosiers@wsp.com	E-mail:	E-mail:	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) ☒
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Peter Saw

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report CT RCP EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report CT RCP DQA/DUE <u>NYSDEC EQuIS</u>	
DW - drinking water	Connecticut	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	NY ASP B Package Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-13	GW	7/6/23 1235	HVOCs 8260	VOC	3
MW-21	↓	↓ 1300	↓	↓	3
MW-30S	↓	↓ 1045	↓	↓	3
MW-30D	↓	↓ 1135	↓	↓	3

Comments:

Preservation: (check all that apply)

Special Instruction

HCl ☒ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___

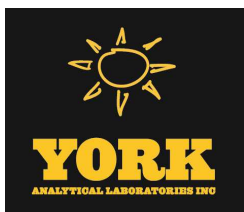
Field Filtered

ZnAc ___ Ascorbic Acid ___ Other: ___

Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company WSP Date/Time: 7/6/23 1600	1. Samples Received by / Company Date/Time:	2. Samples Relinquished by / Company Date/Time:	2. Samples Received by / Company Date/Time:
3. Samples Relinquished by / Company Date/Time:	3. Samples Received by / Company Date/Time:	4. Samples Relinquished by / Company Date/Time:	4. Samples Received by / Company Date/Time:
Samples Received in LAB by CJ 7/6/23 4:00		Temperature 3.1 Degrees C	



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/14/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0249

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/14/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0249

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 06, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0249-01	IL-MW-7S	Water	07/06/2023	07/06/2023
23G0249-02	IL-MW-7D	Water	07/06/2023	07/06/2023
23G0249-03	IL-MW-8S	Water	07/06/2023	07/06/2023
23G0249-04	IL-MW-8D	Water	07/06/2023	07/06/2023
23G0249-05	IL-MW-9S	Water	07/06/2023	07/06/2023
23G0249-06	IL-MW-9D	Water	07/06/2023	07/06/2023
23G0249-07	IL-MW-14S	Water	07/06/2023	07/06/2023
23G0249-08	IL-MW-14D	Water	07/06/2023	07/06/2023
23G0249-09	TB	Water	07/06/2023	07/06/2023

General Notes for York Project (SDG) No.: 23G0249

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

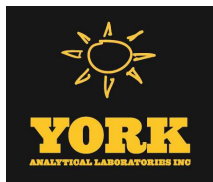
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/14/2023





Sample Information

Client Sample ID: IL-MW-7S

York Sample ID: 23G0249-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 8:32 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 02:45	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA



Sample Information

Client Sample ID: IL-MW-7S

York Sample ID: 23G0249-01

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 8:32 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 02:45	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
79-01-6	Trichloroethylene	1.60	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 02:45	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: IL-MW-7S

York Sample ID: 23G0249-01

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 8:32 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.7 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.3 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			79-122						

Sample Information

Client Sample ID: IL-MW-7D

York Sample ID: 23G0249-02

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 9:11 am

Date Received
07/06/2023

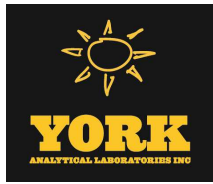
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
71-55-6	1,1,1-Trichloroethane	1.01		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:14	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
75-34-3	1,1-Dichloroethane	1.16		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:14	SMA
75-35-4	1,1-Dichloroethylene	2.72		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:14	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 03:14	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:14	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:14	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:14	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA



Sample Information

Client Sample ID: IL-MW-7D

York Sample ID: 23G0249-02

York Project (SDG) No.

23G0249

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 6, 2023 9:11 am

Date Received

07/06/2023

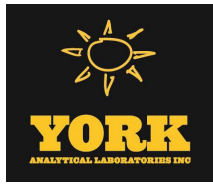
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 03:14	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 03:14	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 03:14	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 03:14	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
156-59-2	cis-1,2-Dichloroethylene	6.69		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 03:14	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 03:14	SMA



Sample Information

Client Sample ID: IL-MW-7D

York Sample ID: 23G0249-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 9:11 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:14	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:14	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
127-18-4	Tetrachloroethylene	0.560	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:14	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
79-01-6	Trichloroethylene	60.4	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:14	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:14	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	95.1 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	92.5 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	86.2 %	79-122								

Sample Information

Client Sample ID: IL-MW-8S

York Sample ID: 23G0249-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 9:05 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
71-55-6	1,1,1-Trichloroethane	0.660		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:42	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA



Sample Information

Client Sample ID: IL-MW-8S

York Sample ID: 23G0249-03

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 9:05 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
75-34-3	1,1-Dichloroethane	1.98		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
75-35-4	1,1-Dichloroethylene	6.17		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 03:42	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA



Sample Information

Client Sample ID: IL-MW-8S

York Sample ID: 23G0249-03

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 9:05 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	2.68		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:42	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
67-66-3	Chloroform	0.570		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:42	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
156-59-2	cis-1,2-Dichloroethylene	16.9		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:42	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 03:42	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
127-18-4	Tetrachloroethylene	0.520	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:42	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
79-01-6	Trichloroethylene	67.8	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 03:42	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 03:42	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	88.5 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	94.9 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	79-122								



Sample Information

Client Sample ID: IL-MW-8D

York Sample ID: 23G0249-04

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 8:35 am

Date Received
07/06/2023

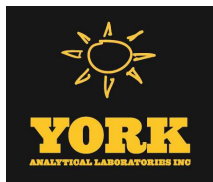
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
71-55-6	1,1,1-Trichloroethane	0.510		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
75-34-3	1,1-Dichloroethane	2.02		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
75-35-4	1,1-Dichloroethylene	6.74		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 04:10	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA



Sample Information

Client Sample ID: IL-MW-8D

York Sample ID: 23G0249-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 8:35 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
56-23-5	Carbon tetrachloride	1.75		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 04:10	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
67-66-3	Chloroform	0.510		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 04:10	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
156-59-2	cis-1,2-Dichloroethylene	16.6		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 04:10	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:10	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
127-18-4	Tetrachloroethylene	0.450	J, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 04:10	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
79-01-6	Trichloroethylene	68.6	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 04:10	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:10	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: IL-MW-8D

York Sample ID: 23G0249-04

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 8:35 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.8 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.5 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						

Sample Information

Client Sample ID: IL-MW-9S

York Sample ID: 23G0249-05

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 8:55 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 04:38	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:38	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:38	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:38	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA



Sample Information

Client Sample ID: IL-MW-9S

York Sample ID: 23G0249-05

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 8:55 am

Date Received
07/06/2023

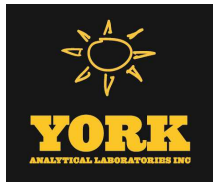
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 04:38	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 04:38	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 04:38	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 04:38	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
156-59-2	cis-1,2-Dichloroethylene	1.26		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 04:38	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 04:38	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 04:38	SMA



Sample Information

Client Sample ID: IL-MW-9S

York Sample ID: 23G0249-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 8:55 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 04:38	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
127-18-4	Tetrachloroethylene	0.420	J, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 04:38	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
79-01-6	Trichloroethylene	7.24	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 04:38	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 04:38	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	93.6 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	97.9 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %	79-122								

Sample Information

Client Sample ID: IL-MW-9D

York Sample ID: 23G0249-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 9:45 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA



Sample Information

Client Sample ID: IL-MW-9D

York Sample ID: 23G0249-06

York Project (SDG) No.

23G0249

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 6, 2023 9:45 am

Date Received

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	1.84		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 05:07	SMA
75-35-4	1,1-Dichloroethylene	6.38		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 12:30	07/13/2023 05:07	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 12:30	07/13/2023 05:07	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 05:07	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 05:07	SMA
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 05:07	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 05:07	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 05:07	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
108-86-1	Bromobenzene	ND	CCVE	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 05:07	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 12:30	07/13/2023 05:07	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
75-25-2	Bromoform	ND	QL-02	ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 12:30	07/13/2023 05:07	SMA



Sample Information

Client Sample ID: IL-MW-9D

York Sample ID: 23G0249-06

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 9:45 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
67-66-3	Chloroform	0.400	J	ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 05:07	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
156-59-2	cis-1,2-Dichloroethylene	12.9		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 05:07	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 05:07	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 05:07	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 05:07	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
79-01-6	Trichloroethylene	23.6	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 05:07	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/12/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 05:07	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.4 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.4 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.8 %	79-122								



Sample Information

Client Sample ID: IL-MW-14S

York Sample ID: 23G0249-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 7:17 am

07/06/2023

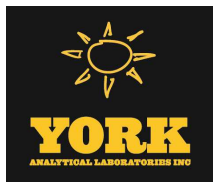
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
75-34-3	1,1-Dichloroethane	1.57		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
75-35-4	1,1-Dichloroethylene	0.740		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	07/13/2023 14:50	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 14:50	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 14:50	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 14:50	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 14:50	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 14:50	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 14:50	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 14:50	SMA



Sample Information

Client Sample ID: IL-MW-14S

York Sample ID: 23G0249-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0249

31401626 Sony

Water

July 6, 2023 7:17 am

07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 14:50	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
156-59-2	cis-1,2-Dichloroethylene	15.3		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 14:50	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 14:50	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 14:50	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 14:50	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
79-01-6	Trichloroethylene	4.85	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 14:50	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 14:50	SMA
75-01-4	Vinyl Chloride	1.57	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 14:50	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: IL-MW-14S

York Sample ID: 23G0249-07

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 7:17 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.1 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	91.1 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.4 %			79-122						

Sample Information

Client Sample ID: IL-MW-14D

York Sample ID: 23G0249-08

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 7:42 am

Date Received
07/06/2023

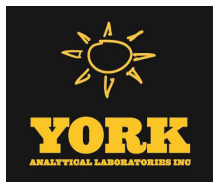
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
71-55-6	1,1,1-Trichloroethane	2.36		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
75-34-3	1,1-Dichloroethane	4.09		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
75-35-4	1,1-Dichloroethylene	6.97		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/13/2023 09:00	07/13/2023 15:18	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 15:18	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 15:18	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 15:18	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA



Sample Information

Client Sample ID: IL-MW-14D

York Sample ID: 23G0249-08

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 7:42 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
156-59-2	cis-1,2-Dichloroethylene	68.2		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00	07/13/2023 15:18	SMA



Sample Information

Client Sample ID: IL-MW-14D

York Sample ID: 23G0249-08

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 7:42 am

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 15:18	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 09:00	07/13/2023 15:18	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
156-60-5	trans-1,2-Dichloroethylene	1.23		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 15:18	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
79-01-6	Trichloroethylene	88.8	QL-02	ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 14:33	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 15:18	SMA
75-01-4	Vinyl Chloride	8.36	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 09:00	07/13/2023 15:18	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	96.4 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	95.5 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	91.6 %	79-122								

Sample Information

Client Sample ID: TB

York Sample ID: 23G0249-09

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 3:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 11:58	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 11:58	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 09:00	07/13/2023 11:58	SMA



Sample Information

Client Sample ID: TB

York Sample ID: 23G0249-09

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 3:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	07/13/2023 11:58	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA



Sample Information

Client Sample ID: TB

York Sample ID: 23G0249-09

York Project (SDG) No.
23G0249

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 6, 2023 3:00 pm

Date Received
07/06/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2023 11:58	SMA
75-09-2	Methylene chloride	1.72	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/13/2023 11:58	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/13/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/13/2023 11:58	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	79.6 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	92.2 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	103 %	79-122								



Analytical Batch Summary

Batch ID: BG30599

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0249-01	IL-MW-7S	07/12/23
23G0249-02	IL-MW-7D	07/12/23
23G0249-03	IL-MW-8S	07/12/23
23G0249-04	IL-MW-8D	07/12/23
23G0249-05	IL-MW-9S	07/12/23
23G0249-06	IL-MW-9D	07/12/23
BG30599-BLK1	Blank	07/12/23
BG30599-BS1	LCS	07/12/23
BG30599-BSD1	LCS Dup	07/12/23

Batch ID: BG30662

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0249-07	IL-MW-14S	07/13/23
23G0249-08	IL-MW-14D	07/13/23
23G0249-09	TB	07/13/23
BG30662-BLK1	Blank	07/13/23
BG30662-BS1	LCS	07/13/23
BG30662-BSD1	LCS Dup	07/13/23

Batch ID: BG30751

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0249-08RE1	IL-MW-14D	07/14/23
BG30751-BLK1	Blank	07/14/23
BG30751-BS1	LCS	07/14/23
BG30751-BSD1	LCS Dup	07/14/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30599 - EPA 5030B

Blank (BG30599-BLK1)

Prepared & Analyzed: 07/12/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.34		"	10.0		93.4	69-130				
Surrogate: SURR: Toluene-d8	9.44		"	10.0		94.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30599 - EPA 5030B											
LCS (BG30599-BS1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82-126				
1,1,1-Trichloroethane	9.69		"	10.0		96.9	78-136				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	8.90		"	10.0		89.0	82-123				
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,1-Dichloropropylene	9.63		"	10.0		96.3	83-133				
1,2,3-Trichlorobenzene	8.03		"	10.0		80.3	76-136				
1,2,3-Trichloropropane	8.36		"	10.0		83.6	77-128				
1,2,4-Trichlorobenzene	8.77		"	10.0		87.7	76-137				
1,2-Dibromo-3-chloropropane	7.83		"	10.0		78.3	45-147				
1,2-Dibromoethane	8.99		"	10.0		89.9	83-124				
1,2-Dichlorobenzene	8.32		"	10.0		83.2	79-123				
1,2-Dichloroethane	9.18		"	10.0		91.8	73-132				
1,2-Dichloropropane	9.85		"	10.0		98.5	78-126				
1,3-Dichlorobenzene	8.34		"	10.0		83.4	86-122	Low Bias			
1,3-Dichloropropane	9.13		"	10.0		91.3	81-125				
1,4-Dichlorobenzene	8.34		"	10.0		83.4	85-124	Low Bias			
2,2-Dichloropropane	9.47		"	10.0		94.7	56-150				
2-Chlorotoluene	8.26		"	10.0		82.6	79-130				
4-Chlorotoluene	8.36		"	10.0		83.6	79-128				
Bromobenzene	8.11		"	10.0		81.1	78-129				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	7.68		"	10.0		76.8	78-133	Low Bias			
Bromomethane	5.63		"	10.0		56.3	43-168				
Carbon tetrachloride	9.61		"	10.0		96.1	77-141				
Chlorobenzene	9.38		"	10.0		93.8	88-120				
Chloroethane	9.32		"	10.0		93.2	65-136				
Chloroform	9.64		"	10.0		96.4	82-128				
Chloromethane	11.1		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.93		"	10.0		89.3	80-131				
Dibromochloromethane	8.82		"	10.0		88.2	80-130				
Dibromomethane	8.87		"	10.0		88.7	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Methylene chloride	8.40		"	10.0		84.0	55-137				
Tetrachloroethylene	4.64		"	10.0		46.4	82-131	Low Bias			
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	8.68		"	10.0		86.8	78-131				
Trichloroethylene	8.15		"	10.0		81.5	82-128	Low Bias			
Trichlorofluoromethane	6.96		"	10.0		69.6	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: Surr: 1,2-Dichloroethane-d4	9.14		"	10.0		91.4	69-130				
Surrogate: Surr: Toluene-d8	9.48		"	10.0		94.8	81-117				
Surrogate: Surr: p-Bromofluorobenzene	9.83		"	10.0		98.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30599 - EPA 5030B											
LCS Dup (BG30599-BSD1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	8.73		ug/L	10.0		87.3	82-126		1.37	30	
1,1,1-Trichloroethane	9.24		"	10.0		92.4	78-136		4.75	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		9.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.73		"	10.0		97.3	54-165		9.59	30	
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123		1.45	30	
1,1-Dichloroethane	9.53		"	10.0		95.3	82-129		4.21	30	
1,1-Dichloroethylene	9.80		"	10.0		98.0	68-138		5.17	30	
1,1-Dichloropropylene	9.11		"	10.0		91.1	83-133		5.55	30	
1,2,3-Trichlorobenzene	7.17		"	10.0		71.7	76-136	Low Bias	11.3	30	
1,2,3-Trichloropropane	9.04		"	10.0		90.4	77-128		7.82	30	
1,2,4-Trichlorobenzene	7.77		"	10.0		77.7	76-137		12.1	30	
1,2-Dibromo-3-chloropropane	8.55		"	10.0		85.5	45-147		8.79	30	
1,2-Dibromoethane	9.04		"	10.0		90.4	83-124		0.555	30	
1,2-Dichlorobenzene	8.33		"	10.0		83.3	79-123		0.120	30	
1,2-Dichloroethane	9.12		"	10.0		91.2	73-132		0.656	30	
1,2-Dichloropropane	9.66		"	10.0		96.6	78-126		1.95	30	
1,3-Dichlorobenzene	7.55		"	10.0		75.5	86-122	Low Bias	9.94	30	
1,3-Dichloropropane	9.17		"	10.0		91.7	81-125		0.437	30	
1,4-Dichlorobenzene	7.49		"	10.0		74.9	85-124	Low Bias	10.7	30	
2,2-Dichloropropane	8.93		"	10.0		89.3	56-150		5.87	30	
2-Chlorotoluene	8.77		"	10.0		87.7	79-130		5.99	30	
4-Chlorotoluene	8.86		"	10.0		88.6	79-128		5.81	30	
Bromobenzene	8.78		"	10.0		87.8	78-129		7.93	30	
Bromochloromethane	10.6		"	10.0		106	77-128		1.97	30	
Bromodichloromethane	8.67		"	10.0		86.7	79-128		2.28	30	
Bromoform	8.86		"	10.0		88.6	78-133		14.3	30	
Bromomethane	5.64		"	10.0		56.4	43-168		0.177	30	
Carbon tetrachloride	9.21		"	10.0		92.1	77-141		4.25	30	
Chlorobenzene	9.26		"	10.0		92.6	88-120		1.29	30	
Chloroethane	9.09		"	10.0		90.9	65-136		2.50	30	
Chloroform	9.29		"	10.0		92.9	82-128		3.70	30	
Chloromethane	10.7		"	10.0		107	43-155		4.04	30	
cis-1,2-Dichloroethylene	9.72		"	10.0		97.2	83-129		3.54	30	
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	80-131		1.35	30	
Dibromochloromethane	8.74		"	10.0		87.4	80-130		0.911	30	
Dibromomethane	8.86		"	10.0		88.6	72-134		0.113	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		5.23	30	
Hexachlorobutadiene	8.81		"	10.0		88.1	67-146		13.8	30	
Methylene chloride	8.19		"	10.0		81.9	55-137		2.53	30	
Tetrachloroethylene	4.44		"	10.0		44.4	82-131	Low Bias	4.41	30	
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132		4.97	30	
trans-1,3-Dichloropropylene	8.60		"	10.0		86.0	78-131		0.926	30	
Trichloroethylene	7.86		"	10.0		78.6	82-128	Low Bias	3.62	30	
Trichlorofluoromethane	7.84		"	10.0		78.4	67-139		11.9	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		5.05	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.08		"	10.0		90.8	69-130				
Surrogate: SURR: Toluene-d8	9.52		"	10.0		95.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30662 - EPA 5030B

Blank (BG30662-BLK1)

Prepared & Analyzed: 07/13/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	8.82		"	10.0		88.2	69-130				
Surrogate: SURR: Toluene-d8	8.90		"	10.0		89.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.1		"	10.0		111	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30662 - EPA 5030B											
LCS (BG30662-BS1)						Prepared & Analyzed: 07/13/2023					
1,1,1,2-Tetrachloroethane	8.79		ug/L	10.0		87.9	82-126				
1,1,1-Trichloroethane	9.49		"	10.0		94.9	78-136				
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165				
1,1,2-Trichloroethane	8.95		"	10.0		89.5	82-123				
1,1-Dichloroethane	9.69		"	10.0		96.9	82-129				
1,1-Dichloroethylene	9.72		"	10.0		97.2	68-138				
1,1-Dichloropropylene	9.60		"	10.0		96.0	83-133				
1,2,3-Trichlorobenzene	7.36		"	10.0		73.6	76-136	Low Bias			
1,2,3-Trichloropropane	8.19		"	10.0		81.9	77-128				
1,2,4-Trichlorobenzene	7.97		"	10.0		79.7	76-137				
1,2-Dibromo-3-chloropropane	7.52		"	10.0		75.2	45-147				
1,2-Dibromoethane	9.01		"	10.0		90.1	83-124				
1,2-Dichlorobenzene	8.24		"	10.0		82.4	79-123				
1,2-Dichloroethane	8.42		"	10.0		84.2	73-132				
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126				
1,3-Dichlorobenzene	8.35		"	10.0		83.5	86-122	Low Bias			
1,3-Dichloropropane	8.79		"	10.0		87.9	81-125				
1,4-Dichlorobenzene	8.27		"	10.0		82.7	85-124	Low Bias			
2,2-Dichloropropane	10.6		"	10.0		106	56-150				
2-Chlorotoluene	8.29		"	10.0		82.9	79-130				
4-Chlorotoluene	8.41		"	10.0		84.1	79-128				
Bromobenzene	8.00		"	10.0		80.0	78-129				
Bromochloromethane	9.40		"	10.0		94.0	77-128				
Bromodichloromethane	8.20		"	10.0		82.0	79-128				
Bromoform	9.27		"	10.0		92.7	78-133				
Bromomethane	5.35		"	10.0		53.5	43-168				
Carbon tetrachloride	9.76		"	10.0		97.6	77-141				
Chlorobenzene	9.45		"	10.0		94.5	88-120				
Chloroethane	7.68		"	10.0		76.8	65-136				
Chloroform	9.52		"	10.0		95.2	82-128				
Chloromethane	7.90		"	10.0		79.0	43-155				
cis-1,2-Dichloroethylene	9.67		"	10.0		96.7	83-129				
cis-1,3-Dichloropropylene	8.79		"	10.0		87.9	80-131				
Dibromochloromethane	8.88		"	10.0		88.8	80-130				
Dibromomethane	8.49		"	10.0		84.9	72-134				
Dichlorodifluoromethane	11.0		"	10.0		110	44-144				
Hexachlorobutadiene	9.58		"	10.0		95.8	67-146				
Methylene chloride	7.68		"	10.0		76.8	55-137				
Tetrachloroethylene	4.92		"	10.0		49.2	82-131	Low Bias			
trans-1,2-Dichloroethylene	9.93		"	10.0		99.3	80-132				
trans-1,3-Dichloropropylene	8.33		"	10.0		83.3	78-131				
Trichloroethylene	7.90		"	10.0		79.0	82-128	Low Bias			
Trichlorofluoromethane	7.85		"	10.0		78.5	67-139				
Vinyl Chloride	8.56		"	10.0		85.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.40		"	10.0		84.0	69-130				
Surrogate: SURR: Toluene-d8	9.39		"	10.0		93.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.78		"	10.0		97.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30662 - EPA 5030B											
LCS Dup (BG30662-BSD1)						Prepared & Analyzed: 07/13/2023					
1,1,1,2-Tetrachloroethane	8.83		ug/L	10.0		88.3	82-126		0.454	30	
1,1,1-Trichloroethane	9.28		"	10.0		92.8	78-136		2.24	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		6.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165		4.47	30	
1,1,2-Trichloroethane	9.35		"	10.0		93.5	82-123		4.37	30	
1,1-Dichloroethane	9.57		"	10.0		95.7	82-129		1.25	30	
1,1-Dichloroethylene	9.47		"	10.0		94.7	68-138		2.61	30	
1,1-Dichloropropylene	9.33		"	10.0		93.3	83-133		2.85	30	
1,2,3-Trichlorobenzene	7.84		"	10.0		78.4	76-136		6.32	30	
1,2,3-Trichloropropane	8.89		"	10.0		88.9	77-128		8.20	30	
1,2,4-Trichlorobenzene	8.30		"	10.0		83.0	76-137		4.06	30	
1,2-Dibromo-3-chloropropane	8.26		"	10.0		82.6	45-147		9.38	30	
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124		3.70	30	
1,2-Dichlorobenzene	8.45		"	10.0		84.5	79-123		2.52	30	
1,2-Dichloroethane	8.77		"	10.0		87.7	73-132		4.07	30	
1,2-Dichloropropane	9.25		"	10.0		92.5	78-126		0.108	30	
1,3-Dichlorobenzene	8.41		"	10.0		84.1	86-122	Low Bias	0.716	30	
1,3-Dichloropropane	9.11		"	10.0		91.1	81-125		3.58	30	
1,4-Dichlorobenzene	8.38		"	10.0		83.8	85-124	Low Bias	1.32	30	
2,2-Dichloropropane	10.3		"	10.0		103	56-150		3.15	30	
2-Chlorotoluene	8.23		"	10.0		82.3	79-130		0.726	30	
4-Chlorotoluene	8.39		"	10.0		83.9	79-128		0.238	30	
Bromobenzene	8.11		"	10.0		81.1	78-129		1.37	30	
Bromochloromethane	9.59		"	10.0		95.9	77-128		2.00	30	
Bromodichloromethane	8.21		"	10.0		82.1	79-128		0.122	30	
Bromoform	9.68		"	10.0		96.8	78-133		4.33	30	
Bromomethane	5.22		"	10.0		52.2	43-168		2.46	30	
Carbon tetrachloride	9.47		"	10.0		94.7	77-141		3.02	30	
Chlorobenzene	9.41		"	10.0		94.1	88-120		0.424	30	
Chloroethane	7.39		"	10.0		73.9	65-136		3.85	30	
Chloroform	9.41		"	10.0		94.1	82-128		1.16	30	
Chloromethane	7.26		"	10.0		72.6	43-155		8.44	30	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	83-129		0.311	30	
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	80-131		1.02	30	
Dibromochloromethane	9.11		"	10.0		91.1	80-130		2.56	30	
Dibromomethane	8.67		"	10.0		86.7	72-134		2.10	30	
Dichlorodifluoromethane	10.3		"	10.0		103	44-144		6.68	30	
Hexachlorobutadiene	9.70		"	10.0		97.0	67-146		1.24	30	
Methylene chloride	7.86		"	10.0		78.6	55-137		2.32	30	
Tetrachloroethylene	4.69		"	10.0		46.9	82-131	Low Bias	4.79	30	
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	80-132		3.17	30	
trans-1,3-Dichloropropylene	8.58		"	10.0		85.8	78-131		2.96	30	
Trichloroethylene	7.63		"	10.0		76.3	82-128	Low Bias	3.48	30	
Trichlorofluoromethane	7.42		"	10.0		74.2	67-139		5.63	30	
Vinyl Chloride	8.13		"	10.0		81.3	58-145		5.15	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	8.73		"	10.0		87.3	69-130				
Surrogate: Surr: Toluene-d8	9.21		"	10.0		92.1	81-117				
Surrogate: Surr: p-Bromofluorobenzene	9.82		"	10.0		98.2	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30751 - EPA 5030B

Blank (BG30751-BLK1)

Prepared & Analyzed: 07/14/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: Surr: 1,2-Dichloroethane-d4	8.80	"	10.0	88.0	69-130
Surrogate: Surr: Toluene-d8	9.22	"	10.0	92.2	81-117
Surrogate: Surr: p-Bromofluorobenzene	9.74	"	10.0	97.4	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30751 - EPA 5030B											
LCS (BG30751-BS1)						Prepared & Analyzed: 07/14/2023					
1,1,1,2-Tetrachloroethane	9.06		ug/L	10.0		90.6	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.90		"	10.0		99.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	9.06		"	10.0		90.6	82-123				
1,1-Dichloroethane	9.75		"	10.0		97.5	82-129				
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138				
1,1-Dichloropropylene	9.79		"	10.0		97.9	83-133				
1,2,3-Trichlorobenzene	8.74		"	10.0		87.4	76-136				
1,2,3-Trichloropropane	8.60		"	10.0		86.0	77-128				
1,2,4-Trichlorobenzene	8.98		"	10.0		89.8	76-137				
1,2-Dibromo-3-chloropropane	8.37		"	10.0		83.7	45-147				
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124				
1,2-Dichlorobenzene	8.44		"	10.0		84.4	79-123				
1,2-Dichloroethane	9.06		"	10.0		90.6	73-132				
1,2-Dichloropropane	9.03		"	10.0		90.3	78-126				
1,3-Dichlorobenzene	8.53		"	10.0		85.3	86-122	Low Bias			
1,3-Dichloropropane	8.95		"	10.0		89.5	81-125				
1,4-Dichlorobenzene	8.41		"	10.0		84.1	85-124	Low Bias			
2,2-Dichloropropane	10.9		"	10.0		109	56-150				
2-Chlorotoluene	8.17		"	10.0		81.7	79-130				
4-Chlorotoluene	8.33		"	10.0		83.3	79-128				
Bromobenzene	7.84		"	10.0		78.4	78-129				
Bromochloromethane	9.26		"	10.0		92.6	77-128				
Bromodichloromethane	8.31		"	10.0		83.1	79-128				
Bromoform	9.86		"	10.0		98.6	78-133				
Bromomethane	5.22		"	10.0		52.2	43-168				
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	9.57		"	10.0		95.7	88-120				
Chloroethane	7.29		"	10.0		72.9	65-136				
Chloroform	9.96		"	10.0		99.6	82-128				
Chloromethane	7.09		"	10.0		70.9	43-155				
cis-1,2-Dichloroethylene	9.81		"	10.0		98.1	83-129				
cis-1,3-Dichloropropylene	8.73		"	10.0		87.3	80-131				
Dibromochloromethane	9.37		"	10.0		93.7	80-130				
Dibromomethane	8.62		"	10.0		86.2	72-134				
Dichlorodifluoromethane	9.60		"	10.0		96.0	44-144				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Methylene chloride	7.72		"	10.0		77.2	55-137				
Tetrachloroethylene	4.99		"	10.0		49.9	82-131	Low Bias			
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	8.46		"	10.0		84.6	78-131				
Trichloroethylene	7.81		"	10.0		78.1	82-128	Low Bias			
Trichlorofluoromethane	7.83		"	10.0		78.3	67-139				
Vinyl Chloride	7.68		"	10.0		76.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.88		"	10.0		88.8	69-130				
Surrogate: SURR: Toluene-d8	9.18		"	10.0		91.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.54		"	10.0		95.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30751 - EPA 5030B											
LCS Dup (BG30751-BSD1)						Prepared & Analyzed: 07/14/2023					
1,1,1,2-Tetrachloroethane	8.78		ug/L	10.0		87.8	82-126		3.14	30	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-136		4.39	30	
1,1,2,2-Tetrachloroethane	9.67		"	10.0		96.7	76-129		2.35	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		6.75	30	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	82-123		2.35	30	
1,1-Dichloroethane	9.35		"	10.0		93.5	82-129		4.19	30	
1,1-Dichloroethylene	9.23		"	10.0		92.3	68-138		5.38	30	
1,1-Dichloropropylene	9.34		"	10.0		93.4	83-133		4.70	30	
1,2,3-Trichlorobenzene	7.65		"	10.0		76.5	76-136		13.3	30	
1,2,3-Trichloropropane	8.48		"	10.0		84.8	77-128		1.41	30	
1,2,4-Trichlorobenzene	8.32		"	10.0		83.2	76-137		7.63	30	
1,2-Dibromo-3-chloropropane	7.46		"	10.0		74.6	45-147		11.5	30	
1,2-Dibromoethane	8.96		"	10.0		89.6	83-124		4.26	30	
1,2-Dichlorobenzene	8.19		"	10.0		81.9	79-123		3.01	30	
1,2-Dichloroethane	8.70		"	10.0		87.0	73-132		4.05	30	
1,2-Dichloropropane	8.59		"	10.0		85.9	78-126		4.99	30	
1,3-Dichlorobenzene	8.27		"	10.0		82.7	86-122	Low Bias	3.10	30	
1,3-Dichloropropane	8.58		"	10.0		85.8	81-125		4.22	30	
1,4-Dichlorobenzene	8.23		"	10.0		82.3	85-124	Low Bias	2.16	30	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		6.91	30	
2-Chlorotoluene	8.00		"	10.0		80.0	79-130		2.10	30	
4-Chlorotoluene	8.11		"	10.0		81.1	79-128		2.68	30	
Bromobenzene	7.75		"	10.0		77.5	78-129	Low Bias	1.15	30	
Bromochloromethane	9.10		"	10.0		91.0	77-128		1.74	30	
Bromodichloromethane	8.05		"	10.0		80.5	79-128		3.18	30	
Bromoform	9.31		"	10.0		93.1	78-133		5.74	30	
Bromomethane	4.91		"	10.0		49.1	43-168		6.12	30	
Carbon tetrachloride	9.74		"	10.0		97.4	77-141		5.88	30	
Chlorobenzene	9.16		"	10.0		91.6	88-120		4.38	30	
Chloroethane	7.01		"	10.0		70.1	65-136		3.92	30	
Chloroform	9.53		"	10.0		95.3	82-128		4.41	30	
Chloromethane	6.30		"	10.0		63.0	43-155		11.8	30	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	83-129		4.48	30	
cis-1,3-Dichloropropylene	8.37		"	10.0		83.7	80-131		4.21	30	
Dibromochloromethane	8.91		"	10.0		89.1	80-130		5.03	30	
Dibromomethane	8.27		"	10.0		82.7	72-134		4.14	30	
Dichlorodifluoromethane	9.10		"	10.0		91.0	44-144		5.35	30	
Hexachlorobutadiene	9.90		"	10.0		99.0	67-146		6.45	30	
Methylene chloride	7.64		"	10.0		76.4	55-137		1.04	30	
Tetrachloroethylene	4.71		"	10.0		47.1	82-131	Low Bias	5.77	30	
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	80-132		4.81	30	
trans-1,3-Dichloropropylene	8.03		"	10.0		80.3	78-131		5.22	30	
Trichloroethylene	7.52		"	10.0		75.2	82-128	Low Bias	3.78	30	
Trichlorofluoromethane	7.42		"	10.0		74.2	67-139		5.38	30	
Vinyl Chloride	7.15		"	10.0		71.5	58-145		7.15	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	8.61		"	10.0		86.1	69-130				
Surrogate: SURRE: Toluene-d8	9.16		"	10.0		91.6	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.65		"	10.0		96.5	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0249-01	IL-MW-7S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-02	IL-MW-7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-03	IL-MW-8S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-04	IL-MW-8D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-05	IL-MW-9S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-06	IL-MW-9D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-07	IL-MW-14S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-08	IL-MW-14D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0249-09	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

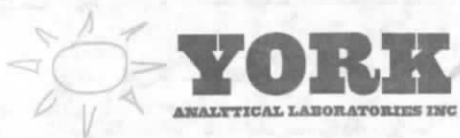


2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

23G0249

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: WSP	Company:	Company:	31401626		YOUR Project Name		RUSH - Next Day		
Address: 6 Research Ave Ste 260 Shelton CT 06484	Address:	Address:	SAME		Sony		RUSH - Two Day		
Phone: 203-929-8555	Phone:	Phone:	SAME				RUSH - Three Day		
Contact: Karen. Desrosiers	Contact:	Contact:	SAME				RUSH - Four Day		
E-mail: Karen.Desrosiers@yorklab.com	E-mail:	E-mail:	SAME		YOUR PO#:		RUSH - Five Day		
							Standard (6-9 Day) ☒		
							PFAS Standard is 7-10 Days		

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

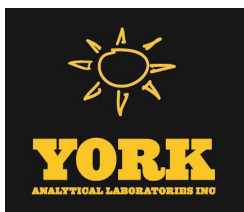
Pierre Soud

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report CT RCP EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report CT RCP DQA/DUE <u>NYSDEC EQuIS</u>	
DW - drinking water	Connecticut	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	NY ASP B Package Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
IL-MW-75	GW	7/6/23 832	HVOCs 8260	Vox	3
IL-MW-7D		911			3
FL-MW-8S		905			3
IL-MW-8D		835			3
IL-MW-9S		855			3
IL-MW-9D		945			3
IL-MW-14S		717			3
IL-MW-14D		742			3
TB		LAB			2

Comments:		Preservation: (check all that apply)		Special Instruction	
Samples iced/chilled at time of lab pickup? circle Yes or No		HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐	Field Filtered		
		ZnAc ☐ Ascorbic Acid ☐ Other: ☐	Lab to Filter		
Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
<i>[Signature]</i> WSP	7/6/23 1600				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time Temperature
				<i>[Signature]</i>	7/6/23 4:00 3.1 Degrees C



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/18/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0400

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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STRATFORD, CT 06615
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132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/18/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0400

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 10, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0400-01	MW-10S	Ground Water	07/10/2023	07/10/2023
23G0400-02	MW-10D	Ground Water	07/10/2023	07/10/2023

General Notes for York Project (SDG) No.: 23G0400

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/18/2023





Sample Information

Client Sample ID: MW-10S

York Sample ID: 23G0400-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0400

31401626 Sony

Ground Water

July 10, 2023 10:23 am

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 06:53	07/12/2023 16:34	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG



Sample Information

Client Sample ID: MW-10S

York Sample ID: 23G0400-01

York Project (SDG) No.
23G0400

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 10:23 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
156-59-2	cis-1,2-Dichloroethylene	1.24		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 16:34	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
79-01-6	Trichloroethylene	1.21		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 16:34	JTG
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-10S

York Sample ID: 23G0400-01

York Project (SDG) No.
23G0400

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 10:23 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	89.3 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	81.7 %			79-122						

Arsenic by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.49		ug/L	1.11	1	EPA 6020B	07/14/2023 08:10	07/17/2023 18:27	cw
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP										

Chromium by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	4.93		ug/L	1.11	1	EPA 6020B	07/14/2023 08:10	07/17/2023 18:27	cw
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP										

Lead by EPA 6020

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.11	1	EPA 6020B	07/14/2023 08:10	07/17/2023 18:27	cw
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP										

Sample Information

Client Sample ID: MW-10D

York Sample ID: 23G0400-02

York Project (SDG) No.
23G0400

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 10:51 am

Date Received
07/10/2023

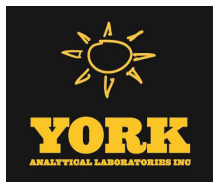
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG



Sample Information

Client Sample ID: MW-10D

York Sample ID: 23G0400-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0400

31401626 Sony

Ground Water

July 10, 2023 10:51 am

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
75-34-3	1,1-Dichloroethane	0.360	J	ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 17:38	JTG
75-35-4	1,1-Dichloroethylene	0.790		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 17:38	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 17:38	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:38	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:38	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:38	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:38	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:38	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:38	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 17:38	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 17:38	JTG



Sample Information

Client Sample ID: MW-10D

York Sample ID: 23G0400-02

York Project (SDG) No.
23G0400

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 10:51 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
156-59-2	cis-1,2-Dichloroethylene	12.0		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 17:38	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 17:38	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 17:38	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
156-60-5	trans-1,2-Dichloroethylene	0.290	J	ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
79-01-6	Trichloroethylene	18.9		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
75-01-4	Vinyl Chloride	0.500		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 17:38	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	109 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	89.7 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	81.3 %	79-122								



Sample Information

Client Sample ID: **MW-10D**

York Sample ID: **23G0400-02**

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0400

31401626 Sony

Ground Water

July 10, 2023 10:51 am

07/10/2023



Analytical Batch Summary

Batch ID: BG30618

Preparation Method: EPA 5030B

Prepared By: JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G0400-01	MW-10S	07/12/23
23G0400-02	MW-10D	07/12/23
BG30618-BLK1	Blank	07/12/23
BG30618-BS1	LCS	07/12/23
BG30618-BSD1	LCS Dup	07/12/23

Batch ID: BG30738

Preparation Method: EPA 3015A

Prepared By: AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G0400-01	MW-10S	07/14/23
BG30738-BLK1	Blank	07/14/23
BG30738-BS1	LCS	07/14/23
BG30738-DUP1	Duplicate	07/14/23
BG30738-MS1	Matrix Spike	07/14/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30618 - EPA 5030B

Blank (BG30618-BLK1)

Prepared & Analyzed: 07/12/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	9.00		"	10.0		90.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	8.69		"	10.0		86.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30618 - EPA 5030B											
LCS (BG30618-BS1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	8.71		"	10.0		87.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165				
1,1,2-Trichloroethane	9.56		"	10.0		95.6	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	7.62		"	10.0		76.2	76-136				
1,2,3-Trichloropropane	8.92		"	10.0		89.2	77-128				
1,2,4-Trichlorobenzene	7.84		"	10.0		78.4	76-137				
1,2-Dibromo-3-chloropropane	8.39		"	10.0		83.9	45-147				
1,2-Dibromoethane	9.97		"	10.0		99.7	83-124				
1,2-Dichlorobenzene	8.99		"	10.0		89.9	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.59		"	10.0		95.9	78-126				
1,3-Dichlorobenzene	9.18		"	10.0		91.8	86-122				
1,3-Dichloropropane	9.44		"	10.0		94.4	81-125				
1,4-Dichlorobenzene	9.17		"	10.0		91.7	85-124				
2,2-Dichloropropane	11.1		"	10.0		111	56-150				
2-Chlorotoluene	8.98		"	10.0		89.8	79-130				
4-Chlorotoluene	8.96		"	10.0		89.6	79-128				
Bromobenzene	8.46		"	10.0		84.6	78-129				
Bromochloromethane	9.84		"	10.0		98.4	77-128				
Bromodichloromethane	8.69		"	10.0		86.9	79-128				
Bromoform	10.3		"	10.0		103	78-133				
Bromomethane	8.33		"	10.0		83.3	43-168				
Carbon tetrachloride	11.1		"	10.0		111	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	8.80		"	10.0		88.0	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	8.97		"	10.0		89.7	72-134				
Dichlorodifluoromethane	12.2		"	10.0		122	44-144				
Hexachlorobutadiene	7.94		"	10.0		79.4	67-146				
Methylene chloride	9.31		"	10.0		93.1	55-137				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132				
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	78-131				
Trichloroethylene	9.51		"	10.0		95.1	82-128				
Trichlorofluoromethane	9.88		"	10.0		98.8	67-139				
Vinyl Chloride	11.5		"	10.0		115	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.22		"	10.0		92.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.11		"	10.0		91.1	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30618 - EPA 5030B											
LCS Dup (BG30618-BSD1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	82-126		2.38	30	
1,1,1-Trichloroethane	9.91		"	10.0		99.1	78-136		9.15	30	
1,1,2,2-Tetrachloroethane	8.95		"	10.0		89.5	76-129		2.72	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		9.67	30	
1,1,2-Trichloroethane	9.67		"	10.0		96.7	82-123		1.14	30	
1,1-Dichloroethane	9.71		"	10.0		97.1	82-129		6.38	30	
1,1-Dichloroethylene	9.96		"	10.0		99.6	68-138		9.47	30	
1,1-Dichloropropylene	9.52		"	10.0		95.2	83-133		11.1	30	
1,2,3-Trichlorobenzene	7.57		"	10.0		75.7	76-136	Low Bias	0.658	30	
1,2,3-Trichloropropane	9.13		"	10.0		91.3	77-128		2.33	30	
1,2,4-Trichlorobenzene	7.44		"	10.0		74.4	76-137	Low Bias	5.24	30	
1,2-Dibromo-3-chloropropane	8.47		"	10.0		84.7	45-147		0.949	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		3.93	30	
1,2-Dichlorobenzene	8.59		"	10.0		85.9	79-123		4.55	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		1.17	30	
1,2-Dichloropropane	9.29		"	10.0		92.9	78-126		3.18	30	
1,3-Dichlorobenzene	8.48		"	10.0		84.8	86-122	Low Bias	7.93	30	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		1.68	30	
1,4-Dichlorobenzene	8.49		"	10.0		84.9	85-124	Low Bias	7.70	30	
2,2-Dichloropropane	9.98		"	10.0		99.8	56-150		10.4	30	
2-Chlorotoluene	8.05		"	10.0		80.5	79-130		10.9	30	
4-Chlorotoluene	8.17		"	10.0		81.7	79-128		9.22	30	
Bromobenzene	7.95		"	10.0		79.5	78-129		6.22	30	
Bromochloromethane	9.54		"	10.0		95.4	77-128		3.10	30	
Bromodichloromethane	8.48		"	10.0		84.8	79-128		2.45	30	
Bromoform	10.6		"	10.0		106	78-133		2.11	30	
Bromomethane	6.30		"	10.0		63.0	43-168		27.8	30	
Carbon tetrachloride	9.92		"	10.0		99.2	77-141		11.3	30	
Chlorobenzene	9.86		"	10.0		98.6	88-120		3.98	30	
Chloroethane	10.2		"	10.0		102	65-136		10.7	30	
Chloroform	9.97		"	10.0		99.7	82-128		5.65	30	
Chloromethane	7.82		"	10.0		78.2	43-155		11.8	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		5.25	30	
cis-1,3-Dichloropropylene	9.82		"	10.0		98.2	80-131		1.92	30	
Dibromochloromethane	10.1		"	10.0		101	80-130		0.494	30	
Dibromomethane	9.11		"	10.0		91.1	72-134		1.55	30	
Dichlorodifluoromethane	10.5		"	10.0		105	44-144		14.2	30	
Hexachlorobutadiene	7.13		"	10.0		71.3	67-146		10.7	30	
Methylene chloride	8.91		"	10.0		89.1	55-137		4.39	30	
Tetrachloroethylene	9.50		"	10.0		95.0	82-131		8.76	30	
trans-1,2-Dichloroethylene	9.99		"	10.0		99.9	80-132		9.35	30	
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	78-131		1.46	30	
Trichloroethylene	8.85		"	10.0		88.5	82-128		7.19	30	
Trichlorofluoromethane	8.85		"	10.0		88.5	67-139		11.0	30	
Vinyl Chloride	10.1		"	10.0		101	58-145		12.8	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: Surr: Toluene-d8	9.17		"	10.0		91.7	81-117				
Surrogate: Surr: p-Bromofluorobenzene	8.80		"	10.0		88.0	79-122				



Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30738 - EPA 3015A

Blank (BG30738-BLK1)

Prepared: 07/14/2023 Analyzed: 07/17/2023

Arsenic	ND	1.11	ug/L
Chromium	ND	1.11	"
Lead	ND	1.11	"

LCS (BG30738-BS1)

Prepared: 07/14/2023 Analyzed: 07/17/2023

Arsenic	54.2		ug/L	50.0	108	80-120
Chromium	56.6		"	50.0	113	80-120
Lead	55.6		"	50.0	111	80-120

Duplicate (BG30738-DUP1)

*Source sample: 23G0577-01 (Duplicate)

Prepared: 07/14/2023 Analyzed: 07/17/2023

Arsenic	117	1.11	ug/L	112		4.43	20
Chromium	4.65	1.11	"	4.29		8.19	20
Lead	ND	1.11	"	ND			20

Matrix Spike (BG30738-MS1)

*Source sample: 23G0577-01 (Matrix Spike)

Prepared: 07/14/2023 Analyzed: 07/17/2023

Arsenic	0.306		ug/L	50.0	101	NR	75-125	Low Bias
Chromium	-0.059		"	50.0	3.86	NR	75-125	Low Bias
Lead	0.359		"	50.0	0.027	0.666	75-125	Low Bias



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0400-01	MW-10S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0400-02	MW-10D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Nitric preserved containers were received without analytical instructions. The client was contacted on 7/10/23 and advised to run As/Cr/Pb on sample MW-10S (-01) and hold metals for sample MW-10D (-02). A revised COC was provided.



York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

2360400

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: WSP	Company:	Company:	31421626		
Address: 6 Park Ave Ste 260 Shelton CT 06484	Address:	Address:	YOUR Project Name	RUSH - Next Day	☒ Standard (6-9 Day) PFAS Standard is 7-10 Days
Phone: 203-929-8555	Phone:	Phone:		Sony	
Contact: Karen Desrochers	Contact:	Contact:	YOUR PO#:	RUSH - Three Day	
E-mail: Karen.Desrochers@wsp.com	E-mail:	E-mail:		RUSH - Four Day	
				RUSH - Five Day	

Please print clearly and legibly. All information must be complete.
Samples will not be logged in and the turn-around-time clock will not
begin until any questions by YORK are resolved.

Patrick Stas

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	☒	Summary Report	CT RCP EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	☐	QA Report	CT RCP DQA/DUE <u>NYSDEC EQuIS</u>	
DW - drinking water	Connecticut	☐	CMDP	NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	☐	Standard Excel EDD	Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	☐	<u>NY ASP B Package</u>	Other: _____	

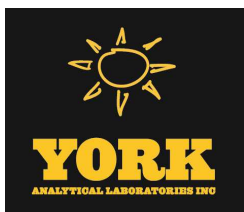
[illegible]

Please analyze MW-10S sample for As, Cr and Pb and hold MW-10D for future metal analysis.

HCl ☒ MeOH ☐ HNO3 ☒ H2SO4 ☐ NaOH ☐
ZnAc ☐ Ascorbic Acid ☐ Other: ☐

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company <i>[Signature]</i> <i>WSP</i> Date/Time <i>7/10/23 1602</i>	1. Samples Received by / Company Date/Time	2. Samples Relinquished by / Company Date/Time
2. Samples Received by / Company Date/Time	3. Samples Relinquished by / Company Date/Time	3. Samples Received by / Company Date/Time
4. Samples Relinquished by / Company Date/Time	4. Samples Received by / Company Date/Time	Samples Received in LAB by <i>[Signature]</i> <i>7/10/23 1602</i> Date/Time <i>6.0</i> Temperature Degrees C



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/18/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0403

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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ClientServices@yorklab.com

Report Date: 07/18/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0403

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 10, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0403-01	MW-11S	Ground Water	07/10/2023	07/10/2023
23G0403-02	MW-11D	Ground Water	07/10/2023	07/10/2023
23G0403-03	MW-12	Ground Water	07/10/2023	07/10/2023
23G0403-04	MW-15S	Ground Water	07/10/2023	07/10/2023
23G0403-05	MW-22	Ground Water	07/10/2023	07/10/2023

General Notes for York Project (SDG) No.: 23G0403

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 07/18/2023





Sample Information

Client Sample ID: MW-11S

York Sample ID: 23G0403-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0403

31401626 Sony

Ground Water

July 10, 2023 12:03 pm

07/10/2023

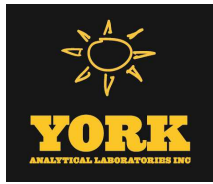
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 06:53	07/12/2023 18:46	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG



Sample Information

Client Sample ID: MW-11S

York Sample ID: 23G0403-01

York Project (SDG) No.

23G0403

Client Project ID

31401626 Sony

Matrix

Ground Water

Collection Date/Time

July 10, 2023 12:03 pm

Date Received

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
156-59-2	cis-1,2-Dichloroethylene	0.950		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 18:46	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
79-01-6	Trichloroethylene	4.36		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 18:46	JTG
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-11S

York Sample ID: 23G0403-01

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 12:03 pm

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	89.9 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	80.2 %			79-122						

Sample Information

Client Sample ID: MW-11D

York Sample ID: 23G0403-02

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 12:31 pm

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2023 06:53	07/12/2023 19:52	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 19:52	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 19:52	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 19:52	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG



Sample Information

Client Sample ID: MW-11D

York Sample ID: 23G0403-02

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 12:31 pm

Date Received
07/10/2023

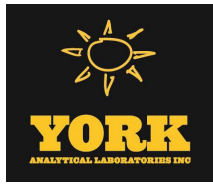
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 19:52	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 19:52	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 19:52	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 19:52	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
156-59-2	cis-1,2-Dichloroethylene	5.78		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 19:52	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 19:52	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 19:52	JTG



Sample Information

Client Sample ID: MW-11D

York Sample ID: 23G0403-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0403

31401626 Sony

Ground Water

July 10, 2023 12:31 pm

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2023 06:53	07/12/2023 19:52	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
127-18-4	Tetrachloroethylene	1.16		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 06:53	07/12/2023 19:52	JTG
156-60-5	trans-1,2-Dichloroethylene	0.480	J	ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 06:53	07/12/2023 19:52	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
79-01-6	Trichloroethylene	22.1		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 06:53	07/12/2023 19:52	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 19:52	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	111 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	90.0 %	81-117								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	80.7 %	79-122								

Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0403-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0403

31401626 Sony

Ground Water

July 10, 2023 11:40 am

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 20:58	JTG
71-55-6	1,1,1-Trichloroethane	6.54		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/12/2023 06:53	07/12/2023 20:58	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 20:58	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 20:58	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/12/2023 06:53	07/12/2023 20:58	JTG



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0403-03

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 11:40 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
75-35-4	1,1-Dichloroethylene	2.70		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
56-23-5	Carbon tetrachloride	3.44	CCVE	ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0403-03

York Project (SDG) No.

23G0403

Client Project ID

31401626 Sony

Matrix

Ground Water

Collection Date/Time

July 10, 2023 11:40 am

Date Received

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
67-66-3	Chloroform	0.570		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
156-59-2	cis-1,2-Dichloroethylene	35.1		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
127-18-4	Tetrachloroethylene	1.07		ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
156-60-5	trans-1,2-Dichloroethylene	0.570		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
79-01-6	Trichloroethylene	361		ug/L	1.24	2.50	5	EPA 8260C Certifications:	07/13/2023 06:44	07/14/2023 14:06	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/12/2023 06:53	07/12/2023 20:58	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	88.6 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	79.2 %	79-122								



Sample Information

Client Sample ID: MW-15S

York Sample ID: 23G0403-04

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 12:29 pm

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP	07/17/2023 16:18	JTG
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:18	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:18	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:18	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:18	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:18	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:18	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:18	JTG



Sample Information

Client Sample ID: MW-15S

York Sample ID: 23G0403-04

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 12:29 pm

Date Received
07/10/2023

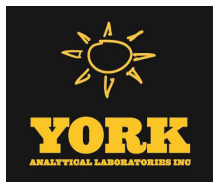
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 06:28	07/17/2023 16:18	JTG
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
156-59-2	cis-1,2-Dichloroethylene	2.32		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/17/2023 06:28	07/17/2023 16:18	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 06:28	07/17/2023 16:18	JTG
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 06:28	07/17/2023 16:18	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 06:28	07/17/2023 16:18	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
79-01-6	Trichloroethylene	0.880		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/17/2023 06:28	07/17/2023 16:18	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:18	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %	69-130								



Sample Information

Client Sample ID: MW-15S

York Sample ID: 23G0403-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0403

31401626 Sony

Ground Water

July 10, 2023 12:29 pm

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	90.0 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	87.1 %			79-122						

Sample Information

Client Sample ID: MW-22

York Sample ID: 23G0403-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0403

31401626 Sony

Ground Water

July 10, 2023 12:45 pm

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	13.4		ug/L	0.266	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.950		ug/L	0.286	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	2.39		ug/L	0.327	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.222	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.138	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	07/17/2023 06:28	07/17/2023 16:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		



Sample Information

Client Sample ID: MW-22

York Sample ID: 23G0403-05

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 12:45 pm

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:44	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:44	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:44	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:44	JTG
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
56-23-5	Carbon tetrachloride	55.0		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
67-66-3	Chloroform	2.99		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
156-59-2	cis-1,2-Dichloroethylene	43.1		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 16:44	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:44	JTG
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/17/2023 06:28 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 16:44	JTG



Sample Information

Client Sample ID: MW-22

York Sample ID: 23G0403-05

York Project (SDG) No.
23G0403

Client Project ID
31401626 Sony

Matrix
Ground Water

Collection Date/Time
July 10, 2023 12:45 pm

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/17/2023 06:28	07/17/2023 16:44	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:44	JTG
127-18-4	Tetrachloroethylene	26.4		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/17/2023 06:28	07/17/2023 16:44	JTG
156-60-5	trans-1,2-Dichloroethylene	0.400	J	ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/17/2023 06:28	07/17/2023 16:44	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:44	JTG
79-01-6	Trichloroethylene	1060		ug/L	2.49	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/17/2023 06:28	07/17/2023 13:08	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:44	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/17/2023 06:28	07/17/2023 16:44	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	93.7 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.9 %	79-122								



Analytical Batch Summary

Batch ID: BG30618

Preparation Method: EPA 5030B

Prepared By: JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G0403-01	MW-11S	07/12/23
23G0403-02	MW-11D	07/12/23
23G0403-03	MW-12	07/12/23
BG30618-BLK1	Blank	07/12/23
BG30618-BS1	LCS	07/12/23
BG30618-BSD1	LCS Dup	07/12/23

Batch ID: BG30770

Preparation Method: EPA 5030B

Prepared By: JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G0403-03RE1	MW-12	07/13/23
BG30770-BLK1	Blank	07/13/23
BG30770-BS1	LCS	07/13/23
BG30770-BSD1	LCS Dup	07/13/23

Batch ID: BG30885

Preparation Method: EPA 5030B

Prepared By: JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G0403-04	MW-15S	07/17/23
23G0403-05	MW-22	07/17/23
23G0403-05RE1	MW-22	07/17/23
BG30885-BLK1	Blank	07/17/23
BG30885-BS1	LCS	07/17/23
BG30885-BSD1	LCS Dup	07/17/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30618 - EPA 5030B

Blank (BG30618-BLK1)

Prepared & Analyzed: 07/12/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	9.00		"	10.0		90.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	8.69		"	10.0		86.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30618 - EPA 5030B											
LCS (BG30618-BS1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	8.71		"	10.0		87.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165				
1,1,2-Trichloroethane	9.56		"	10.0		95.6	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	7.62		"	10.0		76.2	76-136				
1,2,3-Trichloropropane	8.92		"	10.0		89.2	77-128				
1,2,4-Trichlorobenzene	7.84		"	10.0		78.4	76-137				
1,2-Dibromo-3-chloropropane	8.39		"	10.0		83.9	45-147				
1,2-Dibromoethane	9.97		"	10.0		99.7	83-124				
1,2-Dichlorobenzene	8.99		"	10.0		89.9	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.59		"	10.0		95.9	78-126				
1,3-Dichlorobenzene	9.18		"	10.0		91.8	86-122				
1,3-Dichloropropane	9.44		"	10.0		94.4	81-125				
1,4-Dichlorobenzene	9.17		"	10.0		91.7	85-124				
2,2-Dichloropropane	11.1		"	10.0		111	56-150				
2-Chlorotoluene	8.98		"	10.0		89.8	79-130				
4-Chlorotoluene	8.96		"	10.0		89.6	79-128				
Bromobenzene	8.46		"	10.0		84.6	78-129				
Bromochloromethane	9.84		"	10.0		98.4	77-128				
Bromodichloromethane	8.69		"	10.0		86.9	79-128				
Bromoform	10.3		"	10.0		103	78-133				
Bromomethane	8.33		"	10.0		83.3	43-168				
Carbon tetrachloride	11.1		"	10.0		111	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	8.80		"	10.0		88.0	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	8.97		"	10.0		89.7	72-134				
Dichlorodifluoromethane	12.2		"	10.0		122	44-144				
Hexachlorobutadiene	7.94		"	10.0		79.4	67-146				
Methylene chloride	9.31		"	10.0		93.1	55-137				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132				
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	78-131				
Trichloroethylene	9.51		"	10.0		95.1	82-128				
Trichlorofluoromethane	9.88		"	10.0		98.8	67-139				
Vinyl Chloride	11.5		"	10.0		115	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.22		"	10.0		92.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.11		"	10.0		91.1	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30618 - EPA 5030B											
LCS Dup (BG30618-BSD1)						Prepared & Analyzed: 07/12/2023					
1,1,1,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	82-126		2.38	30	
1,1,1-Trichloroethane	9.91		"	10.0		99.1	78-136		9.15	30	
1,1,2,2-Tetrachloroethane	8.95		"	10.0		89.5	76-129		2.72	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		9.67	30	
1,1,2-Trichloroethane	9.67		"	10.0		96.7	82-123		1.14	30	
1,1-Dichloroethane	9.71		"	10.0		97.1	82-129		6.38	30	
1,1-Dichloroethylene	9.96		"	10.0		99.6	68-138		9.47	30	
1,1-Dichloropropylene	9.52		"	10.0		95.2	83-133		11.1	30	
1,2,3-Trichlorobenzene	7.57		"	10.0		75.7	76-136	Low Bias	0.658	30	
1,2,3-Trichloropropane	9.13		"	10.0		91.3	77-128		2.33	30	
1,2,4-Trichlorobenzene	7.44		"	10.0		74.4	76-137	Low Bias	5.24	30	
1,2-Dibromo-3-chloropropane	8.47		"	10.0		84.7	45-147		0.949	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		3.93	30	
1,2-Dichlorobenzene	8.59		"	10.0		85.9	79-123		4.55	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		1.17	30	
1,2-Dichloropropane	9.29		"	10.0		92.9	78-126		3.18	30	
1,3-Dichlorobenzene	8.48		"	10.0		84.8	86-122	Low Bias	7.93	30	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		1.68	30	
1,4-Dichlorobenzene	8.49		"	10.0		84.9	85-124	Low Bias	7.70	30	
2,2-Dichloropropane	9.98		"	10.0		99.8	56-150		10.4	30	
2-Chlorotoluene	8.05		"	10.0		80.5	79-130		10.9	30	
4-Chlorotoluene	8.17		"	10.0		81.7	79-128		9.22	30	
Bromobenzene	7.95		"	10.0		79.5	78-129		6.22	30	
Bromochloromethane	9.54		"	10.0		95.4	77-128		3.10	30	
Bromodichloromethane	8.48		"	10.0		84.8	79-128		2.45	30	
Bromoform	10.6		"	10.0		106	78-133		2.11	30	
Bromomethane	6.30		"	10.0		63.0	43-168		27.8	30	
Carbon tetrachloride	9.92		"	10.0		99.2	77-141		11.3	30	
Chlorobenzene	9.86		"	10.0		98.6	88-120		3.98	30	
Chloroethane	10.2		"	10.0		102	65-136		10.7	30	
Chloroform	9.97		"	10.0		99.7	82-128		5.65	30	
Chloromethane	7.82		"	10.0		78.2	43-155		11.8	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		5.25	30	
cis-1,3-Dichloropropylene	9.82		"	10.0		98.2	80-131		1.92	30	
Dibromochloromethane	10.1		"	10.0		101	80-130		0.494	30	
Dibromomethane	9.11		"	10.0		91.1	72-134		1.55	30	
Dichlorodifluoromethane	10.5		"	10.0		105	44-144		14.2	30	
Hexachlorobutadiene	7.13		"	10.0		71.3	67-146		10.7	30	
Methylene chloride	8.91		"	10.0		89.1	55-137		4.39	30	
Tetrachloroethylene	9.50		"	10.0		95.0	82-131		8.76	30	
trans-1,2-Dichloroethylene	9.99		"	10.0		99.9	80-132		9.35	30	
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	78-131		1.46	30	
Trichloroethylene	8.85		"	10.0		88.5	82-128		7.19	30	
Trichlorofluoromethane	8.85		"	10.0		88.5	67-139		11.0	30	
Vinyl Chloride	10.1		"	10.0		101	58-145		12.8	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: Surr: Toluene-d8	9.17		"	10.0		91.7	81-117				
Surrogate: Surr: p-Bromofluorobenzene	8.80		"	10.0		88.0	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30770 - EPA 5030B

Blank (BG30770-BLK1)

Prepared: 07/13/2023 Analyzed: 07/14/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	10.4	"	10.0	104	69-130
Surrogate: SURR: Toluene-d8	9.46	"	10.0	94.6	81-117
Surrogate: SURR: p-Bromofluorobenzene	8.78	"	10.0	87.8	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30770 - EPA 5030B											
LCS (BG30770-BS1)						Prepared: 07/13/2023 Analyzed: 07/14/2023					
1,1,1,2-Tetrachloroethane	9.38		ug/L	10.0		93.8	82-126				
1,1,1-Trichloroethane	9.07		"	10.0		90.7	78-136				
1,1,2,2-Tetrachloroethane	8.85		"	10.0		88.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.35		"	10.0		93.5	54-165				
1,1,2-Trichloroethane	9.46		"	10.0		94.6	82-123				
1,1-Dichloroethane	8.91		"	10.0		89.1	82-129				
1,1-Dichloroethylene	8.94		"	10.0		89.4	68-138				
1,1-Dichloropropylene	8.87		"	10.0		88.7	83-133				
1,2,3-Trichlorobenzene	7.60		"	10.0		76.0	76-136				
1,2,3-Trichloropropane	8.79		"	10.0		87.9	77-128				
1,2,4-Trichlorobenzene	7.31		"	10.0		73.1	76-137	Low Bias			
1,2-Dibromo-3-chloropropane	8.01		"	10.0		80.1	45-147				
1,2-Dibromoethane	9.93		"	10.0		99.3	83-124				
1,2-Dichlorobenzene	8.71		"	10.0		87.1	79-123				
1,2-Dichloroethane	9.00		"	10.0		90.0	73-132				
1,2-Dichloropropane	9.22		"	10.0		92.2	78-126				
1,3-Dichlorobenzene	8.82		"	10.0		88.2	86-122				
1,3-Dichloropropane	9.43		"	10.0		94.3	81-125				
1,4-Dichlorobenzene	8.70		"	10.0		87.0	85-124				
2,2-Dichloropropane	3.33		"	10.0		33.3	56-150	Low Bias			
2-Chlorotoluene	8.35		"	10.0		83.5	79-130				
4-Chlorotoluene	8.38		"	10.0		83.8	79-128				
Bromobenzene	7.96		"	10.0		79.6	78-129				
Bromochloromethane	8.68		"	10.0		86.8	77-128				
Bromodichloromethane	8.19		"	10.0		81.9	79-128				
Bromoform	9.76		"	10.0		97.6	78-133				
Bromomethane	7.27		"	10.0		72.7	43-168				
Carbon tetrachloride	9.17		"	10.0		91.7	77-141				
Chlorobenzene	9.87		"	10.0		98.7	88-120				
Chloroethane	9.08		"	10.0		90.8	65-136				
Chloroform	9.08		"	10.0		90.8	82-128				
Chloromethane	7.11		"	10.0		71.1	43-155				
cis-1,2-Dichloroethylene	8.34		"	10.0		83.4	83-129				
cis-1,3-Dichloropropylene	8.42		"	10.0		84.2	80-131				
Dibromochloromethane	9.64		"	10.0		96.4	80-130				
Dibromomethane	8.83		"	10.0		88.3	72-134				
Dichlorodifluoromethane	7.57		"	10.0		75.7	44-144				
Hexachlorobutadiene	7.43		"	10.0		74.3	67-146				
Methylene chloride	8.15		"	10.0		81.5	55-137				
Tetrachloroethylene	9.65		"	10.0		96.5	82-131				
trans-1,2-Dichloroethylene	9.24		"	10.0		92.4	80-132				
trans-1,3-Dichloropropylene	7.86		"	10.0		78.6	78-131				
Trichloroethylene	8.75		"	10.0		87.5	82-128				
Trichlorofluoromethane	7.80		"	10.0		78.0	67-139				
Vinyl Chloride	8.80		"	10.0		88.0	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	9.68		"	10.0		96.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	8.83		"	10.0		88.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30770 - EPA 5030B											
LCS Dup (BG30770-BSD1)						Prepared: 07/13/2023 Analyzed: 07/14/2023					
1,1,1,2-Tetrachloroethane	9.00		ug/L	10.0		90.0	82-126		4.13	30	
1,1,1-Trichloroethane	8.77		"	10.0		87.7	78-136		3.36	30	
1,1,2,2-Tetrachloroethane	8.90		"	10.0		89.0	76-129		0.563	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33		"	10.0		93.3	54-165		0.214	30	
1,1,2-Trichloroethane	9.58		"	10.0		95.8	82-123		1.26	30	
1,1-Dichloroethane	8.72		"	10.0		87.2	82-129		2.16	30	
1,1-Dichloroethylene	8.72		"	10.0		87.2	68-138		2.49	30	
1,1-Dichloropropylene	8.67		"	10.0		86.7	83-133		2.28	30	
1,2,3-Trichlorobenzene	7.43		"	10.0		74.3	76-136	Low Bias	2.26	30	
1,2,3-Trichloropropane	8.91		"	10.0		89.1	77-128		1.36	30	
1,2,4-Trichlorobenzene	7.33		"	10.0		73.3	76-137	Low Bias	0.273	30	
1,2-Dibromo-3-chloropropane	8.32		"	10.0		83.2	45-147		3.80	30	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		1.50	30	
1,2-Dichlorobenzene	8.34		"	10.0		83.4	79-123		4.34	30	
1,2-Dichloroethane	9.30		"	10.0		93.0	73-132		3.28	30	
1,2-Dichloropropane	8.97		"	10.0		89.7	78-126		2.75	30	
1,3-Dichlorobenzene	8.31		"	10.0		83.1	86-122	Low Bias	5.95	30	
1,3-Dichloropropane	9.38		"	10.0		93.8	81-125		0.532	30	
1,4-Dichlorobenzene	8.22		"	10.0		82.2	85-124	Low Bias	5.67	30	
2,2-Dichloropropane	8.70		"	10.0		87.0	56-150		89.3	30	Non-dir.
2-Chlorotoluene	7.80		"	10.0		78.0	79-130	Low Bias	6.81	30	
4-Chlorotoluene	7.88		"	10.0		78.8	79-128	Low Bias	6.15	30	
Bromobenzene	7.68		"	10.0		76.8	78-129	Low Bias	3.58	30	
Bromochloromethane	9.02		"	10.0		90.2	77-128		3.84	30	
Bromodichloromethane	7.87		"	10.0		78.7	79-128	Low Bias	3.99	30	
Bromoform	10.1		"	10.0		101	78-133		3.72	30	
Bromomethane	2.70		"	10.0		27.0	43-168	Low Bias	91.7	30	Non-dir.
Carbon tetrachloride	8.87		"	10.0		88.7	77-141		3.33	30	
Chlorobenzene	9.51		"	10.0		95.1	88-120		3.72	30	
Chloroethane	8.18		"	10.0		81.8	65-136		10.4	30	
Chloroform	8.76		"	10.0		87.6	82-128		3.59	30	
Chloromethane	6.48		"	10.0		64.8	43-155		9.27	30	
cis-1,2-Dichloroethylene	8.95		"	10.0		89.5	83-129		7.06	30	
cis-1,3-Dichloropropylene	9.20		"	10.0		92.0	80-131		8.85	30	
Dibromochloromethane	9.56		"	10.0		95.6	80-130		0.833	30	
Dibromomethane	8.78		"	10.0		87.8	72-134		0.568	30	
Dichlorodifluoromethane	7.15		"	10.0		71.5	44-144		5.71	30	
Hexachlorobutadiene	6.99		"	10.0		69.9	67-146		6.10	30	
Methylene chloride	8.27		"	10.0		82.7	55-137		1.46	30	
Tetrachloroethylene	9.08		"	10.0		90.8	82-131		6.09	30	
trans-1,2-Dichloroethylene	8.91		"	10.0		89.1	80-132		3.64	30	
trans-1,3-Dichloropropylene	8.96		"	10.0		89.6	78-131		13.1	30	
Trichloroethylene	8.24		"	10.0		82.4	82-128		6.00	30	
Trichlorofluoromethane	7.57		"	10.0		75.7	67-139		2.99	30	
Vinyl Chloride	8.28		"	10.0		82.8	58-145		6.09	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	10.6		"	10.0		106	69-130				
Surrogate: Surr: Toluene-d8	9.34		"	10.0		93.4	81-117				
Surrogate: Surr: p-Bromofluorobenzene	8.59		"	10.0		85.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30885 - EPA 5030B

Blank (BG30885-BLK1)

Prepared & Analyzed: 07/17/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	10.1	"	10.0	101	69-130
Surrogate: SURR: Toluene-d8	9.28	"	10.0	92.8	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.07	"	10.0	90.7	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30885 - EPA 5030B											
LCS (BG30885-BS1)						Prepared & Analyzed: 07/17/2023					
1,1,1,2-Tetrachloroethane	9.03		ug/L	10.0		90.3	82-126				
1,1,1-Trichloroethane	9.21		"	10.0		92.1	78-136				
1,1,2,2-Tetrachloroethane	8.22		"	10.0		82.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.65		"	10.0		96.5	54-165				
1,1,2-Trichloroethane	8.77		"	10.0		87.7	82-123				
1,1-Dichloroethane	9.00		"	10.0		90.0	82-129				
1,1-Dichloroethylene	9.12		"	10.0		91.2	68-138				
1,1-Dichloropropylene	9.13		"	10.0		91.3	83-133				
1,2,3-Trichlorobenzene	6.92		"	10.0		69.2	76-136	Low Bias			
1,2,3-Trichloropropane	8.34		"	10.0		83.4	77-128				
1,2,4-Trichlorobenzene	7.03		"	10.0		70.3	76-137	Low Bias			
1,2-Dibromo-3-chloropropane	7.46		"	10.0		74.6	45-147				
1,2-Dibromoethane	9.08		"	10.0		90.8	83-124				
1,2-Dichlorobenzene	8.67		"	10.0		86.7	79-123				
1,2-Dichloroethane	8.63		"	10.0		86.3	73-132				
1,2-Dichloropropane	8.80		"	10.0		88.0	78-126				
1,3-Dichlorobenzene	8.95		"	10.0		89.5	86-122				
1,3-Dichloropropane	8.62		"	10.0		86.2	81-125				
1,4-Dichlorobenzene	8.85		"	10.0		88.5	85-124				
2,2-Dichloropropane	9.57		"	10.0		95.7	56-150				
2-Chlorotoluene	8.62		"	10.0		86.2	79-130				
4-Chlorotoluene	8.61		"	10.0		86.1	79-128				
Bromobenzene	8.06		"	10.0		80.6	78-129				
Bromochloromethane	8.63		"	10.0		86.3	77-128				
Bromodichloromethane	7.78		"	10.0		77.8	79-128	Low Bias			
Bromoform	9.19		"	10.0		91.9	78-133				
Bromomethane	6.63		"	10.0		66.3	43-168				
Carbon tetrachloride	9.47		"	10.0		94.7	77-141				
Chlorobenzene	9.69		"	10.0		96.9	88-120				
Chloroethane	8.95		"	10.0		89.5	65-136				
Chloroform	9.10		"	10.0		91.0	82-128				
Chloromethane	7.59		"	10.0		75.9	43-155				
cis-1,2-Dichloroethylene	9.16		"	10.0		91.6	83-129				
cis-1,3-Dichloropropylene	9.00		"	10.0		90.0	80-131				
Dibromochloromethane	8.93		"	10.0		89.3	80-130				
Dibromomethane	8.02		"	10.0		80.2	72-134				
Dichlorodifluoromethane	6.89		"	10.0		68.9	44-144				
Hexachlorobutadiene	7.00		"	10.0		70.0	67-146				
Methylene chloride	8.20		"	10.0		82.0	55-137				
Tetrachloroethylene	9.62		"	10.0		96.2	82-131				
trans-1,2-Dichloroethylene	9.32		"	10.0		93.2	80-132				
trans-1,3-Dichloropropylene	8.60		"	10.0		86.0	78-131				
Trichloroethylene	8.73		"	10.0		87.3	82-128				
Trichlorofluoromethane	8.34		"	10.0		83.4	67-139				
Vinyl Chloride	8.90		"	10.0		89.0	58-145				
Surrogate: Surr: 1,2-Dichloroethane-d4	9.40		"	10.0		94.0	69-130				
Surrogate: Surr: Toluene-d8	9.55		"	10.0		95.5	81-117				
Surrogate: Surr: p-Bromofluorobenzene	9.24		"	10.0		92.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30885 - EPA 5030B											
LCS Dup (BG30885-BSD1)						Prepared & Analyzed: 07/17/2023					
1,1,1,2-Tetrachloroethane	9.63		ug/L	10.0		96.3	82-126		6.43	30	
1,1,1-Trichloroethane	9.41		"	10.0		94.1	78-136		2.15	30	
1,1,2,2-Tetrachloroethane	9.23		"	10.0		92.3	76-129		11.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	54-165		3.76	30	
1,1,2-Trichloroethane	9.78		"	10.0		97.8	82-123		10.9	30	
1,1-Dichloroethane	9.31		"	10.0		93.1	82-129		3.39	30	
1,1-Dichloroethylene	9.44		"	10.0		94.4	68-138		3.45	30	
1,1-Dichloropropylene	9.34		"	10.0		93.4	83-133		2.27	30	
1,2,3-Trichlorobenzene	7.65		"	10.0		76.5	76-136		10.0	30	
1,2,3-Trichloropropane	9.12		"	10.0		91.2	77-128		8.93	30	
1,2,4-Trichlorobenzene	7.51		"	10.0		75.1	76-137	Low Bias	6.60	30	
1,2-Dibromo-3-chloropropane	8.37		"	10.0		83.7	45-147		11.5	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		12.3	30	
1,2-Dichlorobenzene	9.11		"	10.0		91.1	79-123		4.95	30	
1,2-Dichloroethane	9.49		"	10.0		94.9	73-132		9.49	30	
1,2-Dichloropropane	9.44		"	10.0		94.4	78-126		7.02	30	
1,3-Dichlorobenzene	9.17		"	10.0		91.7	86-122		2.43	30	
1,3-Dichloropropane	9.69		"	10.0		96.9	81-125		11.7	30	
1,4-Dichlorobenzene	9.11		"	10.0		91.1	85-124		2.90	30	
2,2-Dichloropropane	10.0		"	10.0		100	56-150		4.79	30	
2-Chlorotoluene	8.66		"	10.0		86.6	79-130		0.463	30	
4-Chlorotoluene	8.68		"	10.0		86.8	79-128		0.810	30	
Bromobenzene	8.32		"	10.0		83.2	78-129		3.17	30	
Bromochloromethane	9.33		"	10.0		93.3	77-128		7.80	30	
Bromodichloromethane	8.32		"	10.0		83.2	79-128		6.71	30	
Bromoform	10.2		"	10.0		102	78-133		10.7	30	
Bromomethane	4.44		"	10.0		44.4	43-168		39.6	30	Non-dir.
Carbon tetrachloride	9.52		"	10.0		95.2	77-141		0.527	30	
Chlorobenzene	10.2		"	10.0		102	88-120		5.32	30	
Chloroethane	8.98		"	10.0		89.8	65-136		0.335	30	
Chloroform	9.56		"	10.0		95.6	82-128		4.93	30	
Chloromethane	6.70		"	10.0		67.0	43-155		12.5	30	
cis-1,2-Dichloroethylene	9.59		"	10.0		95.9	83-129		4.59	30	
cis-1,3-Dichloropropylene	9.82		"	10.0		98.2	80-131		8.71	30	
Dibromochloromethane	9.89		"	10.0		98.9	80-130		10.2	30	
Dibromomethane	8.94		"	10.0		89.4	72-134		10.8	30	
Dichlorodifluoromethane	6.88		"	10.0		68.8	44-144		0.145	30	
Hexachlorobutadiene	7.38		"	10.0		73.8	67-146		5.29	30	
Methylene chloride	8.69		"	10.0		86.9	55-137		5.80	30	
Tetrachloroethylene	9.92		"	10.0		99.2	82-131		3.07	30	
trans-1,2-Dichloroethylene	9.51		"	10.0		95.1	80-132		2.02	30	
trans-1,3-Dichloropropylene	9.48		"	10.0		94.8	78-131		9.73	30	
Trichloroethylene	9.16		"	10.0		91.6	82-128		4.81	30	
Trichlorofluoromethane	8.50		"	10.0		85.0	67-139		1.90	30	
Vinyl Chloride	8.50		"	10.0		85.0	58-145		4.60	30	
Surrogate: Surr: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: Surr: Toluene-d8	9.59		"	10.0		95.9	81-117				
Surrogate: Surr: p-Bromofluorobenzene	9.05		"	10.0		90.5	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0403-01	MW-11S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0403-02	MW-11D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0403-03	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0403-04	MW-15S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0403-05	MW-22	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.





York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

2360403

Page 1 of 1

Please print clearly and legibly. All information must be complete.
Samples will not be logged in and the turn-around-time clock will not
begin until any questions by YORK are resolved.

Peter Sues

Samples Collected by: (print AND sign your name)

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

Special Instruction

HCl	~~X~~	MeOH	HNO3	H2SO4	NaOH

Field Filtered

ZnAc	Ascorbic Acid	Other:

Lab to Filter

Page 29 of 29



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/19/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0406

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/19/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0406

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 10, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0406-01	MW-7S	Water	07/10/2023	07/10/2023
23G0406-02	MW-A4 (38)	Water	07/10/2023	07/10/2023
23G0406-03	MW-A5 (17)	Water	07/10/2023	07/10/2023
23G0406-04	MW-I4 (17)	Water	07/10/2023	07/10/2023
23G0406-05	MW-A	Water	07/10/2023	07/10/2023
23G0406-06	MW-B	Water	07/10/2023	07/10/2023
23G0406-07	TB	Water	07/10/2023	07/10/2023

General Notes for York Project (SDG) No.: 23G0406

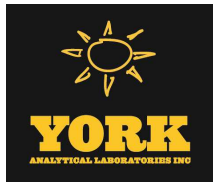
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 07/19/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-7S

York Sample ID: 23G0406-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0406

31401626 Sony

Water

July 10, 2023 11:30 am

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
71-55-6	1,1,1-Trichloroethane	1.19		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 09:00	07/18/2023 18:33	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
75-34-3	1,1-Dichloroethane	0.900		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 09:00	07/18/2023 18:33	SMA
75-35-4	1,1-Dichloroethylene	2.90		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 09:00	07/18/2023 18:33	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/18/2023 09:00	07/18/2023 18:33	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA



Sample Information

Client Sample ID: MW-7S

York Sample ID: 23G0406-01

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 11:30 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
156-59-2	cis-1,2-Dichloroethylene	248		ug/L	2.94	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 09:00	07/18/2023 18:07	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 09:00	07/18/2023 18:33	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
156-60-5	trans-1,2-Dichloroethylene	1.63		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 09:00	07/18/2023 18:33	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
79-01-6	Trichloroethylene	336		ug/L	2.49	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 09:00	07/18/2023 18:07	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 09:00	07/18/2023 18:33	SMA
75-01-4	Vinyl Chloride	14.8		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 09:00	07/18/2023 18:33	SMA



Sample Information

Client Sample ID: MW-7S

York Sample ID: 23G0406-01

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 11:30 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %			79-122						

Sample Information

Client Sample ID: MW-A4 (38)

York Sample ID: 23G0406-02

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 10:50 am

Date Received
07/10/2023

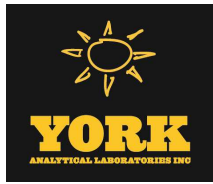
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
71-55-6	1,1,1-Trichloroethane	20.8		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 17:52	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
75-34-3	1,1-Dichloroethane	110		ug/L	1.36	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/18/2023 23:21	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/14/2023 09:00	07/14/2023 17:52	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 17:52	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 17:52	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 17:52	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA



Sample Information

Client Sample ID: MW-A4 (38)

York Sample ID: 23G0406-02

York Project (SDG) No.

23G0406

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 10, 2023 10:50 am

Date Received

07/10/2023

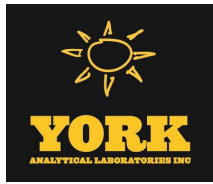
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
108-86-1	Bromobenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
67-66-3	Chloroform	1.01		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00	07/14/2023 17:52	SMA



Sample Information

Client Sample ID: MW-A4 (38)

York Sample ID: 23G0406-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0406

31401626 Sony

Water

July 10, 2023 10:50 am

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 17:52	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 17:52	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
79-01-6	Trichloroethylene	0.540	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 17:52	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 17:52	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	88.5 %	69-130								
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	92.2 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	97.3 %	79-122								

Sample Information

Client Sample ID: MW-A5 (17)

York Sample ID: 23G0406-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0406

31401626 Sony

Water

July 10, 2023 9:34 am

07/10/2023

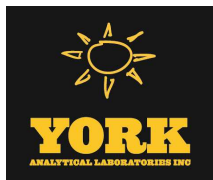
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
71-55-6	1,1,1-Trichloroethane	0.860		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 18:21	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA



Sample Information

Client Sample ID: MW-A5 (17)

York Sample ID: 23G0406-03

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 9:34 am

Date Received
07/10/2023

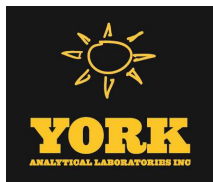
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
75-34-3	1,1-Dichloroethane	3.33		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
75-35-4	1,1-Dichloroethylene	3.23		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/14/2023 09:00	07/14/2023 18:21	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:21	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:21	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:21	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:21	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:21	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
108-86-1	Bromobenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:21	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:21	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:21	SMA



Sample Information

Client Sample ID: MW-A5 (17)

York Sample ID: 23G0406-03

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 9:34 am

Date Received
07/10/2023

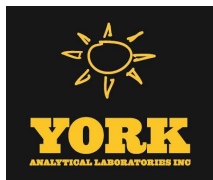
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
67-66-3	Chloroform	1.00		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 18:21	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
156-59-2	cis-1,2-Dichloroethylene	38.4		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 18:21	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 18:21	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 18:21	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 18:21	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
156-60-5	trans-1,2-Dichloroethylene	0.420	J	ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 18:21	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
79-01-6	Trichloroethylene	35.4	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 18:21	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 18:21	SMA
75-01-4	Vinyl Chloride	4.09	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 18:21	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	87.0 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	92.8 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.8 %	79-122								



Sample Information

Client Sample ID: MW-I4 (17)

York Sample ID: 23G0406-04

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 10:40 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
71-55-6	1,1,1-Trichloroethane	2.16		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
75-34-3	1,1-Dichloroethane	3.00		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
75-35-4	1,1-Dichloroethylene	3.64		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/14/2023 09:00	07/14/2023 18:49	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
108-86-1	Bromobenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA



Sample Information

Client Sample ID: MW-I4 (17)

York Sample ID: 23G0406-04

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 10:40 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
156-59-2	cis-1,2-Dichloroethylene	36.4		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 18:49	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 18:49	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
156-60-5	trans-1,2-Dichloroethylene	0.720		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 18:49	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
79-01-6	Trichloroethylene	98.8		ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/18/2023 23:49	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 18:49	SMA
75-01-4	Vinyl Chloride	2.81	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 18:49	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-I4 (17)

York Sample ID: 23G0406-04

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 10:40 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	87.8 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	92.5 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.3 %			79-122						

Sample Information

Client Sample ID: MW-A

York Sample ID: 23G0406-05

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 10:45 am

Date Received
07/10/2023

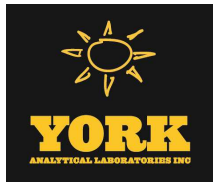
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
71-55-6	1,1,1-Trichloroethane	2.09		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:17	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
75-34-3	1,1-Dichloroethane	2.93		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:17	SMA
75-35-4	1,1-Dichloroethylene	3.62		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:17	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/14/2023 09:00	07/14/2023 19:17	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:17	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:17	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:17	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA



Sample Information

Client Sample ID: MW-A

York Sample ID: 23G0406-05

York Project (SDG) No.

23G0406

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 10, 2023 10:45 am

Date Received

07/10/2023

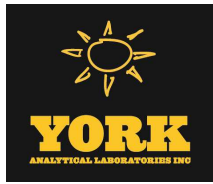
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 19:17	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 19:17	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
108-86-1	Bromobenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 19:17	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 19:17	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
156-59-2	cis-1,2-Dichloroethylene	35.5		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 19:17	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 19:17	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/14/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 19:17	SMA



Sample Information

Client Sample ID: MW-A

York Sample ID: 23G0406-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0406

31401626 Sony

Water

July 10, 2023 10:45 am

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:17	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
156-60-5	trans-1,2-Dichloroethylene	0.710		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:17	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
79-01-6	Trichloroethylene	97.3		ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 00:18	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:17	SMA
75-01-4	Vinyl Chloride	2.70	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:17	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	87.6 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	92.4 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.4 %	79-122								

Sample Information

Client Sample ID: MW-B

York Sample ID: 23G0406-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0406

31401626 Sony

Water

July 10, 2023 9:35 am

07/10/2023

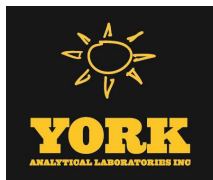
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
71-55-6	1,1,1-Trichloroethane	0.860		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA



Sample Information

Client Sample ID: MW-B

York Sample ID: 23G0406-06

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 9:35 am

Date Received
07/10/2023

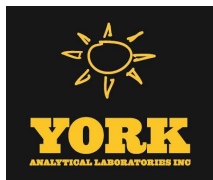
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	3.27		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
75-35-4	1,1-Dichloroethylene	3.28		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/14/2023 09:00	07/14/2023 19:46	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
108-86-1	Bromobenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA



Sample Information

Client Sample ID: MW-B

York Sample ID: 23G0406-06

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 9:35 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
67-66-3	Chloroform	0.990		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
156-59-2	cis-1,2-Dichloroethylene	38.8		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/14/2023 09:00	07/14/2023 19:46	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
156-60-5	trans-1,2-Dichloroethylene	0.440	J	ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
79-01-6	Trichloroethylene	35.6	QL-02	ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/14/2023 09:00	07/14/2023 19:46	SMA
75-01-4	Vinyl Chloride	4.15	CCVE	ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/14/2023 09:00	07/14/2023 19:46	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	87.8 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	92.8 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.2 %	79-122								



Sample Information

Client Sample ID: TB

York Sample ID: 23G0406-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0406

31401626 Sony

Water

July 10, 2023 10:50 am

07/10/2023

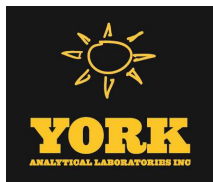
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/19/2023 09:00	07/19/2023 12:41	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA



Sample Information

Client Sample ID: TB

York Sample ID: 23G0406-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0406

31401626 Sony

Water

July 10, 2023 10:50 am

07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 09:00	07/19/2023 12:41	SMA
75-09-2	Methylene chloride	2.05		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/19/2023 09:00	07/19/2023 12:41	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 09:00	07/19/2023 12:41	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	122 %	69-130								



Sample Information

Client Sample ID: TB

York Sample ID: 23G0406-07

York Project (SDG) No.
23G0406

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 10, 2023 10:50 am

Date Received
07/10/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						



Analytical Batch Summary

Batch ID: BG30751 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23G0406-02	MW-A4 (38)	07/14/23
23G0406-03	MW-A5 (17)	07/14/23
23G0406-04	MW-I4 (17)	07/14/23
23G0406-05	MW-A	07/14/23
23G0406-06	MW-B	07/14/23
BG30751-BLK1	Blank	07/14/23
BG30751-BS1	LCS	07/14/23
BG30751-BSD1	LCS Dup	07/14/23

Batch ID: BG30840 **Preparation Method:** EPA 5030B **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23G0406-01	MW-7S	07/18/23
23G0406-01RE1	MW-7S	07/18/23
BG30840-BLK1	Blank	07/18/23
BG30840-BS1	LCS	07/18/23
BG30840-BSD1	LCS Dup	07/18/23
BG30840-MS1	Matrix Spike	07/18/23
BG30840-MSD1	Matrix Spike Dup	07/18/23

Batch ID: BG30974 **Preparation Method:** EPA 5030B **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23G0406-02RE1	MW-A4 (38)	07/18/23
23G0406-04RE1	MW-I4 (17)	07/18/23
23G0406-05RE1	MW-A	07/18/23
BG30974-BLK1	Blank	07/18/23
BG30974-BS1	LCS	07/18/23
BG30974-BSD1	LCS Dup	07/18/23

Batch ID: BG31032 **Preparation Method:** EPA 5030B **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23G0406-07	TB	07/19/23
BG31032-BLK1	Blank	07/19/23
BG31032-BS1	LCS	07/19/23
BG31032-BSD1	LCS Dup	07/19/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

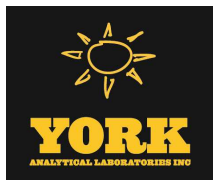
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30751 - EPA 5030B

Blank (BG30751-BLK1)

Prepared & Analyzed: 07/14/2023

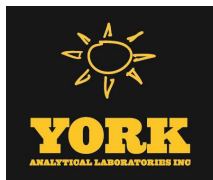
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	8.80		"	10.0		88.0	69-130				
Surrogate: SURR: Toluene-d8	9.22		"	10.0		92.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.74		"	10.0		97.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30751 - EPA 5030B											
LCS (BG30751-BS1)						Prepared & Analyzed: 07/14/2023					
1,1,1,2-Tetrachloroethane	9.06		ug/L	10.0		90.6	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.90		"	10.0		99.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	9.06		"	10.0		90.6	82-123				
1,1-Dichloroethane	9.75		"	10.0		97.5	82-129				
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138				
1,1-Dichloropropylene	9.79		"	10.0		97.9	83-133				
1,2,3-Trichlorobenzene	8.74		"	10.0		87.4	76-136				
1,2,3-Trichloropropane	8.60		"	10.0		86.0	77-128				
1,2,4-Trichlorobenzene	8.98		"	10.0		89.8	76-137				
1,2-Dibromo-3-chloropropane	8.37		"	10.0		83.7	45-147				
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124				
1,2-Dichlorobenzene	8.44		"	10.0		84.4	79-123				
1,2-Dichloroethane	9.06		"	10.0		90.6	73-132				
1,2-Dichloropropane	9.03		"	10.0		90.3	78-126				
1,3-Dichlorobenzene	8.53		"	10.0		85.3	86-122	Low Bias			
1,3-Dichloropropane	8.95		"	10.0		89.5	81-125				
1,4-Dichlorobenzene	8.41		"	10.0		84.1	85-124	Low Bias			
2,2-Dichloropropane	10.9		"	10.0		109	56-150				
2-Chlorotoluene	8.17		"	10.0		81.7	79-130				
4-Chlorotoluene	8.33		"	10.0		83.3	79-128				
Bromobenzene	7.84		"	10.0		78.4	78-129				
Bromochloromethane	9.26		"	10.0		92.6	77-128				
Bromodichloromethane	8.31		"	10.0		83.1	79-128				
Bromoform	9.86		"	10.0		98.6	78-133				
Bromomethane	5.22		"	10.0		52.2	43-168				
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	9.57		"	10.0		95.7	88-120				
Chloroethane	7.29		"	10.0		72.9	65-136				
Chloroform	9.96		"	10.0		99.6	82-128				
Chloromethane	7.09		"	10.0		70.9	43-155				
cis-1,2-Dichloroethylene	9.81		"	10.0		98.1	83-129				
cis-1,3-Dichloropropylene	8.73		"	10.0		87.3	80-131				
Dibromochloromethane	9.37		"	10.0		93.7	80-130				
Dibromomethane	8.62		"	10.0		86.2	72-134				
Dichlorodifluoromethane	9.60		"	10.0		96.0	44-144				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Methylene chloride	7.72		"	10.0		77.2	55-137				
Tetrachloroethylene	4.99		"	10.0		49.9	82-131	Low Bias			
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	8.46		"	10.0		84.6	78-131				
Trichloroethylene	7.81		"	10.0		78.1	82-128	Low Bias			
Trichlorofluoromethane	7.83		"	10.0		78.3	67-139				
Vinyl Chloride	7.68		"	10.0		76.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	8.88		"	10.0		88.8	69-130				
Surrogate: SURR: Toluene-d8	9.18		"	10.0		91.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.54		"	10.0		95.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

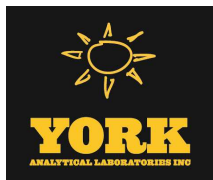
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30751 - EPA 5030B

LCS Dup (BG30751-BSD1)

Prepared & Analyzed: 07/14/2023

1,1,1,2-Tetrachloroethane	8.78		ug/L	10.0		87.8	82-126		3.14	30	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-136		4.39	30	
1,1,2,2-Tetrachloroethane	9.67		"	10.0		96.7	76-129		2.35	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		6.75	30	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	82-123		2.35	30	
1,1-Dichloroethane	9.35		"	10.0		93.5	82-129		4.19	30	
1,1-Dichloroethylene	9.23		"	10.0		92.3	68-138		5.38	30	
1,1-Dichloropropylene	9.34		"	10.0		93.4	83-133		4.70	30	
1,2,3-Trichlorobenzene	7.65		"	10.0		76.5	76-136		13.3	30	
1,2,3-Trichloropropane	8.48		"	10.0		84.8	77-128		1.41	30	
1,2,4-Trichlorobenzene	8.32		"	10.0		83.2	76-137		7.63	30	
1,2-Dibromo-3-chloropropane	7.46		"	10.0		74.6	45-147		11.5	30	
1,2-Dibromoethane	8.96		"	10.0		89.6	83-124		4.26	30	
1,2-Dichlorobenzene	8.19		"	10.0		81.9	79-123		3.01	30	
1,2-Dichloroethane	8.70		"	10.0		87.0	73-132		4.05	30	
1,2-Dichloropropane	8.59		"	10.0		85.9	78-126		4.99	30	
1,3-Dichlorobenzene	8.27		"	10.0		82.7	86-122	Low Bias	3.10	30	
1,3-Dichloropropane	8.58		"	10.0		85.8	81-125		4.22	30	
1,4-Dichlorobenzene	8.23		"	10.0		82.3	85-124	Low Bias	2.16	30	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		6.91	30	
2-Chlorotoluene	8.00		"	10.0		80.0	79-130		2.10	30	
4-Chlorotoluene	8.11		"	10.0		81.1	79-128		2.68	30	
Bromobenzene	7.75		"	10.0		77.5	78-129	Low Bias	1.15	30	
Bromochloromethane	9.10		"	10.0		91.0	77-128		1.74	30	
Bromodichloromethane	8.05		"	10.0		80.5	79-128		3.18	30	
Bromoform	9.31		"	10.0		93.1	78-133		5.74	30	
Bromomethane	4.91		"	10.0		49.1	43-168		6.12	30	
Carbon tetrachloride	9.74		"	10.0		97.4	77-141		5.88	30	
Chlorobenzene	9.16		"	10.0		91.6	88-120		4.38	30	
Chloroethane	7.01		"	10.0		70.1	65-136		3.92	30	
Chloroform	9.53		"	10.0		95.3	82-128		4.41	30	
Chloromethane	6.30		"	10.0		63.0	43-155		11.8	30	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	83-129		4.48	30	
cis-1,3-Dichloropropylene	8.37		"	10.0		83.7	80-131		4.21	30	
Dibromochloromethane	8.91		"	10.0		89.1	80-130		5.03	30	
Dibromomethane	8.27		"	10.0		82.7	72-134		4.14	30	
Dichlorodifluoromethane	9.10		"	10.0		91.0	44-144		5.35	30	
Hexachlorobutadiene	9.90		"	10.0		99.0	67-146		6.45	30	
Methylene chloride	7.64		"	10.0		76.4	55-137		1.04	30	
Tetrachloroethylene	4.71		"	10.0		47.1	82-131	Low Bias	5.77	30	
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	80-132		4.81	30	
trans-1,3-Dichloropropylene	8.03		"	10.0		80.3	78-131		5.22	30	
Trichloroethylene	7.52		"	10.0		75.2	82-128	Low Bias	3.78	30	
Trichlorofluoromethane	7.42		"	10.0		74.2	67-139		5.38	30	
Vinyl Chloride	7.15		"	10.0		71.5	58-145		7.15	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	8.61		"	10.0		86.1	69-130				
Surrogate: SURR: Toluene-d8	9.16		"	10.0		91.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.65		"	10.0		96.5	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

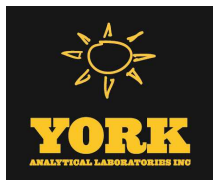
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30840 - EPA 5030B

Blank (BG30840-BLK1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.9		"	10.0		109	69-130				
Surrogate: SURRE: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.8		"	10.0		108	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

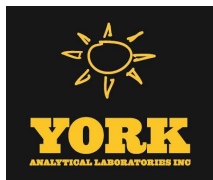
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30840 - EPA 5030B

LCS (BG30840-BS1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	9.90		ug/L	10.0		99.0	82-126				
1,1,1-Trichloroethane	9.95		"	10.0		99.5	78-136				
1,1,2,2-Tetrachloroethane	9.88		"	10.0		98.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123				
1,1-Dichloroethane	9.21		"	10.0		92.1	82-129				
1,1-Dichloroethylene	9.56		"	10.0		95.6	68-138				
1,1-Dichloropropylene	9.19		"	10.0		91.9	83-133				
1,2,3-Trichlorobenzene	9.43		"	10.0		94.3	76-136				
1,2,3-Trichloropropane	9.02		"	10.0		90.2	77-128				
1,2,4-Trichlorobenzene	8.55		"	10.0		85.5	76-137				
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-132				
1,2-Dichloropropane	11.4		"	10.0		114	78-126				
1,3-Dichlorobenzene	9.98		"	10.0		99.8	86-122				
1,3-Dichloropropane	10.6		"	10.0		106	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2,2-Dichloropropane	10.8		"	10.0		108	56-150				
2-Chlorotoluene	9.67		"	10.0		96.7	79-130				
4-Chlorotoluene	9.94		"	10.0		99.4	79-128				
Bromobenzene	9.25		"	10.0		92.5	78-129				
Bromochloromethane	9.98		"	10.0		99.8	77-128				
Bromodichloromethane	11.5		"	10.0		115	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	9.48		"	10.0		94.8	43-168				
Carbon tetrachloride	9.68		"	10.0		96.8	77-141				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	9.56		"	10.0		95.6	65-136				
Chloroform	9.58		"	10.0		95.8	82-128				
Chloromethane	9.43		"	10.0		94.3	43-155				
cis-1,2-Dichloroethylene	9.82		"	10.0		98.2	83-129				
cis-1,3-Dichloropropylene	11.5		"	10.0		115	80-131				
Dibromochloromethane	10.1		"	10.0		101	80-130				
Dibromomethane	11.4		"	10.0		114	72-134				
Dichlorodifluoromethane	11.0		"	10.0		110	44-144				
Hexachlorobutadiene	8.22		"	10.0		82.2	67-146				
Methylene chloride	9.41		"	10.0		94.1	55-137				
Tetrachloroethylene	5.01		"	10.0		50.1	82-131	Low Bias			
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	10.3		"	10.0		103	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	11.2		"	10.0		112	81-117				
Surrogate: SURR: p-Bromofluorobenzene	8.85		"	10.0		88.5	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30840 - EPA 5030B

LCS Dup (BG30840-BSD1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		1.01	30	
1,1,1-Trichloroethane	9.39		"	10.0		93.9	78-136		5.79	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		11.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		5.52	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		1.54	30	
1,1-Dichloroethane	8.73		"	10.0		87.3	82-129		5.35	30	
1,1-Dichloroethylene	9.14		"	10.0		91.4	68-138		4.49	30	
1,1-Dichloropropylene	8.82		"	10.0		88.2	83-133		4.11	30	
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136		19.1	30	
1,2,3-Trichloropropane	9.67		"	10.0		96.7	77-128		6.96	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137		22.7	30	
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	45-147		6.52	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		3.59	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		1.35	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		1.28	30	
1,2-Dichloropropane	9.69		"	10.0		96.9	78-126		16.0	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		0.599	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		1.53	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		0.592	30	
2,2-Dichloropropane	10.6		"	10.0		106	56-150		2.05	30	
2-Chlorotoluene	9.45		"	10.0		94.5	79-130		2.30	30	
4-Chlorotoluene	9.60		"	10.0		96.0	79-128		3.48	30	
Bromobenzene	9.62		"	10.0		96.2	78-129		3.92	30	
Bromochloromethane	10.0		"	10.0		100	77-128		0.400	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		13.7	30	
Bromoform	11.5		"	10.0		115	78-133		12.5	30	
Bromomethane	9.75		"	10.0		97.5	43-168		2.81	30	
Carbon tetrachloride	9.46		"	10.0		94.6	77-141		2.30	30	
Chlorobenzene	10.5		"	10.0		105	88-120		1.89	30	
Chloroethane	9.39		"	10.0		93.9	65-136		1.79	30	
Chloroform	9.34		"	10.0		93.4	82-128		2.54	30	
Chloromethane	8.88		"	10.0		88.8	43-155		6.01	30	
cis-1,2-Dichloroethylene	9.26		"	10.0		92.6	83-129		5.87	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131		13.6	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		2.93	30	
Dibromomethane	10.2		"	10.0		102	72-134		10.8	30	
Dichlorodifluoromethane	10.2		"	10.0		102	44-144		7.58	30	
Hexachlorobutadiene	9.37		"	10.0		93.7	67-146		13.1	30	
Methylene chloride	9.36		"	10.0		93.6	55-137		0.533	30	
Tetrachloroethylene	5.07		"	10.0		50.7	82-131	Low Bias	1.19	30	
trans-1,2-Dichloroethylene	8.97		"	10.0		89.7	80-132		7.61	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131		2.69	30	
Trichloroethylene	8.82		"	10.0		88.2	82-128		17.9	30	
Trichlorofluoromethane	9.84		"	10.0		98.4	67-139		3.98	30	
Vinyl Chloride	9.58		"	10.0		95.8	58-145		7.05	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	9.99		"	10.0		99.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.48		"	10.0		94.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30840 - EPA 5030B

Matrix Spike (BG30840-MS1)		*Source sample: 23G0406-01 (MW-7S)					Prepared & Analyzed: 07/18/2023				
1,1,1,2-Tetrachloroethane	12.6		ug/L	10.0	0.00	126	45-161				
1,1,1-Trichloroethane	14.3		"	10.0	1.19	131	70-146				
1,1,2,2-Tetrachloroethane	12.9		"	10.0	0.00	129	74-121	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0	0.00	126	21-217				
1,1,2-Trichloroethane	12.8		"	10.0	0.00	128	59-146				
1,1-Dichloroethane	13.0		"	10.0	0.900	121	54-146				
1,1-Dichloroethylene	16.1		"	10.0	2.90	132	44-165				
1,1-Dichloropropylene	11.9		"	10.0	0.00	119	82-134				
1,2,3-Trichlorobenzene	9.88		"	10.0	0.00	98.8	40-161				
1,2,3-Trichloropropane	11.7		"	10.0	0.00	117	74-127				
1,2,4-Trichlorobenzene	9.66		"	10.0	0.00	96.6	41-161				
1,2-Dibromo-3-chloropropane	13.4		"	10.0	0.00	134	31-151				
1,2-Dibromoethane	13.0		"	10.0	0.00	130	75-125	High Bias			
1,2-Dichlorobenzene	12.2		"	10.0	0.00	122	63-122				
1,2-Dichloroethane	13.5		"	10.0	0.00	135	68-131	High Bias			
1,2-Dichloropropane	12.7		"	10.0	0.00	127	77-121	High Bias			
1,3-Dichlorobenzene	11.6		"	10.0	0.00	116	74-119				
1,3-Dichloropropane	13.0		"	10.0	0.00	130	77-119	High Bias			
1,4-Dichlorobenzene	11.6		"	10.0	0.00	116	70-124				
2,2-Dichloropropane	14.4		"	10.0	0.00	144	10-160				
2-Chlorotoluene	11.4		"	10.0	0.00	114	70-126				
4-Chlorotoluene	11.6		"	10.0	0.00	116	69-124				
Bromobenzene	11.5		"	10.0	0.00	115	72-122				
Bromochloromethane	12.9		"	10.0	0.00	129	75-121	High Bias			
Bromodichloromethane	12.9		"	10.0	0.00	129	70-129				
Bromoform	13.3		"	10.0	0.00	133	66-136				
Bromomethane	3.41		"	10.0	0.00	34.1	30-158				
Carbon tetrachloride	12.7		"	10.0	0.00	127	71-146				
Chlorobenzene	13.0		"	10.0	0.00	130	81-117	High Bias			
Chloroethane	13.1		"	10.0	0.00	131	51-145				
Chloroform	13.0		"	10.0	0.00	130	80-124	High Bias			
Chloromethane	9.88		"	10.0	0.00	98.8	16-163				
cis-1,2-Dichloroethylene	342		"	10.0	314	272	76-125	High Bias			
cis-1,3-Dichloropropylene	12.6		"	10.0	0.00	126	58-131				
Dibromochloromethane	12.4		"	10.0	0.00	124	71-129				
Dibromomethane	12.6		"	10.0	0.00	126	76-120	High Bias			
Dichlorodifluoromethane	12.6		"	10.0	0.00	126	30-147				
Hexachlorobutadiene	8.53		"	10.0	0.00	85.3	34-166				
Methylene chloride	12.0		"	10.0	0.00	120	57-128				
Tetrachloroethylene	5.87		"	10.0	0.00	58.7	64-139	Low Bias			
trans-1,2-Dichloroethylene	13.8		"	10.0	1.63	121	79-131				
trans-1,3-Dichloropropylene	12.4		"	10.0	0.00	124	55-130				
Trichloroethylene	186		"	10.0	204	NR	53-145	Low Bias			
Trichlorofluoromethane	13.4		"	10.0	0.00	134	61-142				
Vinyl Chloride	29.3		"	10.0	14.8	146	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.8		"	10.0		108	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.44		"	10.0		94.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30840 - EPA 5030B											
Matrix Spike Dup (BG30840-MSD1)		*Source sample: 23G0406-01 (MW-7S)					Prepared & Analyzed: 07/18/2023				
1,1,1,2-Tetrachloroethane	12.4		ug/L	10.0	0.00	124	45-161		1.04	30	
1,1,1-Trichloroethane	14.3		"	10.0	1.19	131	70-146		0.00	30	
1,1,2,2-Tetrachloroethane	12.6		"	10.0	0.00	126	74-121	High Bias	2.75	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.9		"	10.0	0.00	129	21-217		1.80	30	
1,1,2-Trichloroethane	12.3		"	10.0	0.00	123	59-146		4.06	30	
1,1-Dichloroethane	12.7		"	10.0	0.900	118	54-146		2.42	30	
1,1-Dichloroethylene	15.3		"	10.0	2.90	124	44-165		4.83	30	
1,1-Dichloropropylene	11.7		"	10.0	0.00	117	82-134		1.19	30	
1,2,3-Trichlorobenzene	9.83		"	10.0	0.00	98.3	40-161		0.507	30	
1,2,3-Trichloropropane	11.6		"	10.0	0.00	116	74-127		0.943	30	
1,2,4-Trichlorobenzene	10.3		"	10.0	0.00	103	41-161		6.32	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0	0.00	116	31-151		14.4	30	
1,2-Dibromoethane	12.3		"	10.0	0.00	123	75-125		5.39	30	
1,2-Dichlorobenzene	12.3		"	10.0	0.00	123	63-122	High Bias	0.816	30	
1,2-Dichloroethane	12.5		"	10.0	0.00	125	68-131		7.86	30	
1,2-Dichloropropane	12.6		"	10.0	0.00	126	77-121	High Bias	0.394	30	
1,3-Dichlorobenzene	12.0		"	10.0	0.00	120	74-119	High Bias	2.96	30	
1,3-Dichloropropane	12.2		"	10.0	0.00	122	77-119	High Bias	6.44	30	
1,4-Dichlorobenzene	12.1		"	10.0	0.00	121	70-124		3.96	30	
2,2-Dichloropropane	14.1		"	10.0	0.00	141	10-160		2.03	30	
2-Chlorotoluene	12.0		"	10.0	0.00	120	70-126		5.04	30	
4-Chlorotoluene	12.1		"	10.0	0.00	121	69-124		4.40	30	
Bromobenzene	11.5		"	10.0	0.00	115	72-122		0.434	30	
Bromochloromethane	12.0		"	10.0	0.00	120	75-121		6.91	30	
Bromodichloromethane	12.6		"	10.0	0.00	126	70-129		2.12	30	
Bromoform	12.7		"	10.0	0.00	127	66-136		4.92	30	
Bromomethane	4.50		"	10.0	0.00	45.0	30-158		27.6	30	
Carbon tetrachloride	12.8		"	10.0	0.00	128	71-146		0.784	30	
Chlorobenzene	13.3		"	10.0	0.00	133	81-117	High Bias	2.05	30	
Chloroethane	12.7		"	10.0	0.00	127	51-145		3.33	30	
Chloroform	12.6		"	10.0	0.00	126	80-124	High Bias	3.04	30	
Chloromethane	9.47		"	10.0	0.00	94.7	16-163		4.24	30	
cis-1,2-Dichloroethylene	324		"	10.0	314	97.7	76-125		5.25	30	
cis-1,3-Dichloropropylene	12.2		"	10.0	0.00	122	58-131		3.64	30	
Dibromochloromethane	12.1		"	10.0	0.00	121	71-129		2.70	30	
Dibromomethane	12.1		"	10.0	0.00	121	76-120	High Bias	3.65	30	
Dichlorodifluoromethane	12.6		"	10.0	0.00	126	30-147		0.0794	30	
Hexachlorobutadiene	9.32		"	10.0	0.00	93.2	34-166		8.85	30	
Methylene chloride	11.5		"	10.0	0.00	115	57-128		4.10	30	
Tetrachloroethylene	6.24		"	10.0	0.00	62.4	64-139	Low Bias	6.11	30	
trans-1,2-Dichloroethylene	13.8		"	10.0	1.63	121	79-131		0.145	30	
trans-1,3-Dichloropropylene	11.9		"	10.0	0.00	119	55-130		4.36	30	
Trichloroethylene	189		"	10.0	204	NR	53-145	Low Bias	1.40	30	
Trichlorofluoromethane	13.6		"	10.0	0.00	136	61-142		1.26	30	
Vinyl Chloride	28.2		"	10.0	14.8	134	31-165		4.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.59		"	10.0		95.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

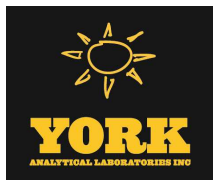
Batch BG30974 - EPA 5030B

Blank (BG30974-BLK1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	10.1	"	10.0	101	69-130
Surrogate: SURR: Toluene-d8	10.1	"	10.0	101	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.4	"	10.0	104	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

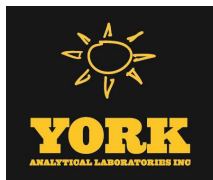
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30974 - EPA 5030B

LCS (BG30974-BS1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	8.95		ug/L	10.0		89.5	82-126				
1,1,1-Trichloroethane	8.89		"	10.0		88.9	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.10		"	10.0		91.0	54-165				
1,1,2-Trichloroethane	9.41		"	10.0		94.1	82-123				
1,1-Dichloroethane	8.48		"	10.0		84.8	82-129				
1,1-Dichloroethylene	8.84		"	10.0		88.4	68-138				
1,1-Dichloropropylene	8.35		"	10.0		83.5	83-133				
1,2,3-Trichlorobenzene	8.24		"	10.0		82.4	76-136				
1,2,3-Trichloropropane	9.79		"	10.0		97.9	77-128				
1,2,4-Trichlorobenzene	8.43		"	10.0		84.3	76-137				
1,2-Dibromo-3-chloropropane	9.05		"	10.0		90.5	45-147				
1,2-Dibromoethane	9.52		"	10.0		95.2	83-124				
1,2-Dichlorobenzene	8.96		"	10.0		89.6	79-123				
1,2-Dichloroethane	9.13		"	10.0		91.3	73-132				
1,2-Dichloropropane	9.33		"	10.0		93.3	78-126				
1,3-Dichlorobenzene	8.60		"	10.0		86.0	86-122				
1,3-Dichloropropane	9.41		"	10.0		94.1	81-125				
1,4-Dichlorobenzene	8.61		"	10.0		86.1	85-124				
2,2-Dichloropropane	8.19		"	10.0		81.9	56-150				
2-Chlorotoluene	8.94		"	10.0		89.4	79-130				
4-Chlorotoluene	8.75		"	10.0		87.5	79-128				
Bromobenzene	8.84		"	10.0		88.4	78-129				
Bromochloromethane	9.40		"	10.0		94.0	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	9.13		"	10.0		91.3	78-133				
Bromomethane	6.63		"	10.0		66.3	43-168				
Carbon tetrachloride	8.64		"	10.0		86.4	77-141				
Chlorobenzene	9.47		"	10.0		94.7	88-120				
Chloroethane	8.27		"	10.0		82.7	65-136				
Chloroform	8.72		"	10.0		87.2	82-128				
Chloromethane	8.60		"	10.0		86.0	43-155				
cis-1,2-Dichloroethylene	8.64		"	10.0		86.4	83-129				
cis-1,3-Dichloropropylene	8.10		"	10.0		81.0	80-131				
Dibromochloromethane	9.05		"	10.0		90.5	80-130				
Dibromomethane	9.23		"	10.0		92.3	72-134				
Dichlorodifluoromethane	8.14		"	10.0		81.4	44-144				
Hexachlorobutadiene	8.46		"	10.0		84.6	67-146				
Methylene chloride	8.40		"	10.0		84.0	55-137				
Tetrachloroethylene	5.06		"	10.0		50.6	82-131	Low Bias			
trans-1,2-Dichloroethylene	8.73		"	10.0		87.3	80-132				
trans-1,3-Dichloropropylene	8.79		"	10.0		87.9	78-131				
Trichloroethylene	8.49		"	10.0		84.9	82-128				
Trichlorofluoromethane	8.70		"	10.0		87.0	67-139				
Vinyl Chloride	8.52		"	10.0		85.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.93		"	10.0		99.3	69-130				
Surrogate: SURR: Toluene-d8	9.96		"	10.0		99.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

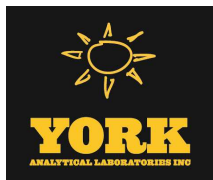
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30974 - EPA 5030B

LCS Dup (BG30974-BSD1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126		0.668	30	
1,1,1-Trichloroethane	9.09		"	10.0		90.9	78-136		2.22	30	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129		6.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	54-165		5.35	30	
1,1,2-Trichloroethane	9.71		"	10.0		97.1	82-123		3.14	30	
1,1-Dichloroethane	8.93		"	10.0		89.3	82-129		5.17	30	
1,1-Dichloroethylene	9.23		"	10.0		92.3	68-138		4.32	30	
1,1-Dichloropropylene	8.69		"	10.0		86.9	83-133		3.99	30	
1,2,3-Trichlorobenzene	8.68		"	10.0		86.8	76-136		5.20	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		5.95	30	
1,2,4-Trichlorobenzene	8.82		"	10.0		88.2	76-137		4.52	30	
1,2-Dibromo-3-chloropropane	9.33		"	10.0		93.3	45-147		3.05	30	
1,2-Dibromoethane	9.69		"	10.0		96.9	83-124		1.77	30	
1,2-Dichlorobenzene	9.29		"	10.0		92.9	79-123		3.62	30	
1,2-Dichloroethane	9.42		"	10.0		94.2	73-132		3.13	30	
1,2-Dichloropropane	9.93		"	10.0		99.3	78-126		6.23	30	
1,3-Dichlorobenzene	9.07		"	10.0		90.7	86-122		5.32	30	
1,3-Dichloropropane	9.80		"	10.0		98.0	81-125		4.06	30	
1,4-Dichlorobenzene	9.06		"	10.0		90.6	85-124		5.09	30	
2,2-Dichloropropane	8.28		"	10.0		82.8	56-150		1.09	30	
2-Chlorotoluene	9.28		"	10.0		92.8	79-130		3.73	30	
4-Chlorotoluene	9.14		"	10.0		91.4	79-128		4.36	30	
Bromobenzene	9.31		"	10.0		93.1	78-129		5.18	30	
Bromochloromethane	10.3		"	10.0		103	77-128		8.94	30	
Bromodichloromethane	9.15		"	10.0		91.5	79-128		3.11	30	
Bromoform	9.14		"	10.0		91.4	78-133		0.109	30	
Bromomethane	7.52		"	10.0		75.2	43-168		12.6	30	
Carbon tetrachloride	8.83		"	10.0		88.3	77-141		2.18	30	
Chlorobenzene	9.59		"	10.0		95.9	88-120		1.26	30	
Chloroethane	9.14		"	10.0		91.4	65-136		9.99	30	
Chloroform	8.97		"	10.0		89.7	82-128		2.83	30	
Chloromethane	8.63		"	10.0		86.3	43-155		0.348	30	
cis-1,2-Dichloroethylene	9.01		"	10.0		90.1	83-129		4.19	30	
cis-1,3-Dichloropropylene	8.47		"	10.0		84.7	80-131		4.47	30	
Dibromochloromethane	9.15		"	10.0		91.5	80-130		1.10	30	
Dibromomethane	9.55		"	10.0		95.5	72-134		3.41	30	
Dichlorodifluoromethane	7.94		"	10.0		79.4	44-144		2.49	30	
Hexachlorobutadiene	8.98		"	10.0		89.8	67-146		5.96	30	
Methylene chloride	9.13		"	10.0		91.3	55-137		8.33	30	
Tetrachloroethylene	5.11		"	10.0		51.1	82-131	Low Bias	0.983	30	
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	80-132		4.26	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		2.80	30	
Trichloroethylene	8.58		"	10.0		85.8	82-128		1.05	30	
Trichlorofluoromethane	9.40		"	10.0		94.0	67-139		7.73	30	
Vinyl Chloride	8.80		"	10.0		88.0	58-145		3.23	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

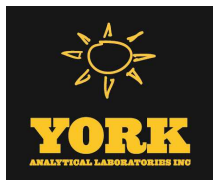
Batch BG31032 - EPA 5030B

Blank (BG31032-BLK1)

Prepared & Analyzed: 07/19/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L
1,1,1-Trichloroethane	ND	0.500	"
1,1,2,2-Tetrachloroethane	ND	0.500	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"
1,1,2-Trichloroethane	ND	0.500	"
1,1-Dichloroethane	ND	0.500	"
1,1-Dichloroethylene	ND	0.500	"
1,1-Dichloropropylene	ND	0.500	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2-Dibromo-3-chloropropane	ND	0.500	"
1,2-Dibromoethane	ND	0.500	"
1,2-Dichlorobenzene	ND	0.500	"
1,2-Dichloroethane	ND	0.500	"
1,2-Dichloropropane	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
2,2-Dichloropropane	ND	0.500	"
2-Chlorotoluene	ND	0.500	"
4-Chlorotoluene	ND	0.500	"
Bromobenzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon tetrachloride	ND	0.500	"
Chlorobenzene	ND	0.500	"
Chloroethane	ND	0.500	"
Chloroform	ND	0.500	"
Chloromethane	ND	0.500	"
cis-1,2-Dichloroethylene	ND	0.500	"
cis-1,3-Dichloropropylene	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Methylene chloride	ND	2.00	"
Tetrachloroethylene	ND	0.500	"
trans-1,2-Dichloroethylene	ND	0.500	"
trans-1,3-Dichloropropylene	ND	0.500	"
Trichloroethylene	ND	0.500	"
Trichlorofluoromethane	ND	0.500	"
Vinyl Chloride	ND	0.500	"

Surrogate: SURR: 1,2-Dichloroethane-d4	12.0	"	10.0	120	69-130
Surrogate: SURR: Toluene-d8	11.5	"	10.0	115	81-117
Surrogate: SURR: p-Bromofluorobenzene	10.7	"	10.0	107	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

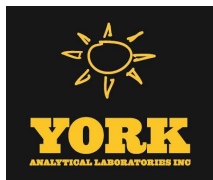
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG31032 - EPA 5030B

LCS (BG31032-BS1)

Prepared & Analyzed: 07/19/2023

1,1,1,2-Tetrachloroethane	9.44		ug/L	10.0		94.4	82-126				
1,1,1-Trichloroethane	9.39		"	10.0		93.9	78-136				
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	8.98		"	10.0		89.8	82-129				
1,1-Dichloroethylene	9.83		"	10.0		98.3	68-138				
1,1-Dichloropropylene	8.65		"	10.0		86.5	83-133				
1,2,3-Trichlorobenzene	8.43		"	10.0		84.3	76-136				
1,2,3-Trichloropropane	11.2		"	10.0		112	77-128				
1,2,4-Trichlorobenzene	9.45		"	10.0		94.5	76-137				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	9.69		"	10.0		96.9	79-123				
1,2-Dichloroethane	9.33		"	10.0		93.3	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3-Dichlorobenzene	9.57		"	10.0		95.7	86-122				
1,3-Dichloropropane	10.8		"	10.0		108	81-125				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	85-124				
2,2-Dichloropropane	10.3		"	10.0		103	56-150				
2-Chlorotoluene	10.9		"	10.0		109	79-130				
4-Chlorotoluene	10.7		"	10.0		107	79-128				
Bromobenzene	10.5		"	10.0		105	78-129				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	8.70		"	10.0		87.0	79-128				
Bromoform	9.45		"	10.0		94.5	78-133				
Bromomethane	7.27		"	10.0		72.7	43-168				
Carbon tetrachloride	8.66		"	10.0		86.6	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	11.2		"	10.0		112	65-136				
Chloroform	9.00		"	10.0		90.0	82-128				
Chloromethane	11.9		"	10.0		119	43-155				
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1	83-129				
cis-1,3-Dichloropropylene	8.21		"	10.0		82.1	80-131				
Dibromochloromethane	9.51		"	10.0		95.1	80-130				
Dibromomethane	8.99		"	10.0		89.9	72-134				
Dichlorodifluoromethane	8.27		"	10.0		82.7	44-144				
Hexachlorobutadiene	9.58		"	10.0		95.8	67-146				
Methylene chloride	9.92		"	10.0		99.2	55-137				
Tetrachloroethylene	5.66		"	10.0		56.6	82-131	Low Bias			
trans-1,2-Dichloroethylene	9.38		"	10.0		93.8	80-132				
trans-1,3-Dichloropropylene	9.99		"	10.0		99.9	78-131				
Trichloroethylene	9.28		"	10.0		92.8	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	11.4		"	10.0		114	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.73		"	10.0		97.3	69-130				
Surrogate: SURR: Toluene-d8	9.78		"	10.0		97.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.2		"	10.0		112	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag

Batch BG31032 - EPA 5030B

LCS Dup (BG31032-BSD1)

Prepared & Analyzed: 07/19/2023

1,1,1,2-Tetrachloroethane	9.40		ug/L	10.0		94.0	82-126		0.425	30	
1,1,1-Trichloroethane	9.28		"	10.0		92.8	78-136		1.18	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		2.36	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.11		"	10.0		91.1	54-165		5.34	30	
1,1,2-Trichloroethane	9.22		"	10.0		92.2	82-123		9.99	30	
1,1-Dichloroethane	8.95		"	10.0		89.5	82-129		0.335	30	
1,1-Dichloroethylene	9.51		"	10.0		95.1	68-138		3.31	30	
1,1-Dichloropropylene	8.39		"	10.0		83.9	83-133		3.05	30	
1,2,3-Trichlorobenzene	9.10		"	10.0		91.0	76-136		7.64	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		1.17	30	
1,2,4-Trichlorobenzene	9.66		"	10.0		96.6	76-137		2.20	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		2.87	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		3.80	30	
1,2-Dichlorobenzene	9.58		"	10.0		95.8	79-123		1.14	30	
1,2-Dichloroethane	9.20		"	10.0		92.0	73-132		1.40	30	
1,2-Dichloropropane	10.1		"	10.0		101	78-126		3.41	30	
1,3-Dichlorobenzene	9.80		"	10.0		98.0	86-122		2.37	30	
1,3-Dichloropropane	10.1		"	10.0		101	81-125		6.70	30	
1,4-Dichlorobenzene	9.64		"	10.0		96.4	85-124		1.54	30	
2,2-Dichloropropane	9.96		"	10.0		99.6	56-150		3.36	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		4.39	30	
4-Chlorotoluene	10.2		"	10.0		102	79-128		4.50	30	
Bromobenzene	9.98		"	10.0		99.8	78-129		5.46	30	
Bromochloromethane	11.0		"	10.0		110	77-128		0.182	30	
Bromodichloromethane	9.77		"	10.0		97.7	79-128		11.6	30	
Bromoform	9.49		"	10.0		94.9	78-133		0.422	30	
Bromomethane	7.69		"	10.0		76.9	43-168		5.61	30	
Carbon tetrachloride	8.37		"	10.0		83.7	77-141		3.41	30	
Chlorobenzene	9.85		"	10.0		98.5	88-120		1.61	30	
Chloroethane	10.8		"	10.0		108	65-136		3.55	30	
Chloroform	9.05		"	10.0		90.5	82-128		0.554	30	
Chloromethane	11.5		"	10.0		115	43-155		3.93	30	
cis-1,2-Dichloroethylene	9.43		"	10.0		94.3	83-129		1.89	30	
cis-1,3-Dichloropropylene	8.00		"	10.0		80.0	80-131		2.59	30	
Dibromochloromethane	9.69		"	10.0		96.9	80-130		1.87	30	
Dibromomethane	9.98		"	10.0		99.8	72-134		10.4	30	
Dichlorodifluoromethane	8.11		"	10.0		81.1	44-144		1.95	30	
Hexachlorobutadiene	9.39		"	10.0		93.9	67-146		2.00	30	
Methylene chloride	9.84		"	10.0		98.4	55-137		0.810	30	
Tetrachloroethylene	5.01		"	10.0		50.1	82-131	Low Bias	12.2	30	
trans-1,2-Dichloroethylene	9.16		"	10.0		91.6	80-132		2.37	30	
trans-1,3-Dichloropropylene	8.87		"	10.0		88.7	78-131		11.9	30	
Trichloroethylene	9.40		"	10.0		94.0	82-128		1.28	30	
Trichlorofluoromethane	9.94		"	10.0		99.4	67-139		5.29	30	
Vinyl Chloride	10.7		"	10.0		107	58-145		6.52	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.72		"	10.0		97.2	69-130				
Surrogate: SURR: Toluene-d8	9.20		"	10.0		92.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0406-01	MW-7S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0406-02	MW-A4 (38)	40mL Clear Vial, Sodium Thiosulfate; Cool 4°C
23G0406-03	MW-A5 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0406-04	MW-I4 (17)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0406-05	MW-A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0406-06	MW-B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0406-07	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

2360406

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 client.services@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: WSP	Company:	Company:	Company:	31401626	RUSH - Next Day
Address: 6 Research Ave Ste 260 Stratford CT 06484	Address:	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone: 203-929-8555	Phone:	Phone:	Phone:	Sony	RUSH - Three Day
Contact: Karen Desrosiers	Contact:	Contact:	Contact:	YOUR PO#:	RUSH - Four Day
E-mail: karen.desrosiers@wsp.com	E-mail:	E-mail:	E-mail:		RUSH - Five Day
					Standard (6-9 Day) ☒
					PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

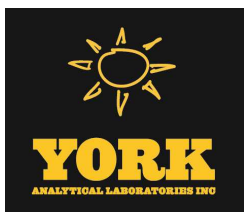
Parrish Spas

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report CT RCP EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report CT RCP DQA/DUE <u>NYSDEC EQuIS</u>	
DW - drinking water	Connecticut	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	NY ASP B Package Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-75	GW	7/10/23 1130	HVCCS 8260	Vac	3
MW-44(38)	↓	↓ 1050	↓	↓	3
MW-45(17)	↓	↓ 934	↓	↓	3
MW-I4(17)	↓	↓ 1040	↓	↓	3
MW-A	↓	↓ 1045	↓	↓	3
MW-B	↓	↓ 935	↓	↓	3
TB	↓	↓ LAB	↓	↓	2

Comments:		Preservation: (check all that apply)		Special Instruction	
2 Extra Sample Sets provided for MW-75 for Site-Specific MS/MSD		HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐		Field Filtered	
MW-44(38) Contaminated Spill - for Phase II Use of Dry Solvent Extraction		ZnAc ☐ Ascorbic Acid ☐ Other: <u>Sodium Persulfate</u>		Lab to Filter	
Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
WSP	7/10/23 1602				
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				WSP	7/10/23 1602
				Temperature 6.0 Degrees C	



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/19/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0508

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/19/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0508

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 11, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0508-01	MW-18	Water	07/11/2023	07/11/2023
23G0508-02	303-MW-31S	Water	07/11/2023	07/11/2023
23G0508-03	303-MW-31D	Water	07/11/2023	07/11/2023
23G0508-04	303-MW-32S	Water	07/11/2023	07/11/2023
23G0508-05	303-MW-32D	Water	07/11/2023	07/11/2023
23G0508-06	Sparkill PZ-1	Water	07/11/2023	07/11/2023
23G0508-07	TB	Water	07/11/2023	07/11/2023

General Notes for York Project (SDG) No.: 23G0508

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/19/2023





Sample Information

Client Sample ID: MW-18

York Sample ID: 23G0508-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0508

31401626 Sony

Water

July 11, 2023 10:40 am

07/11/2023

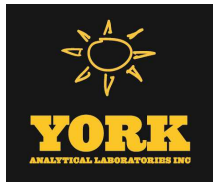
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30	07/19/2023 00:46	SMA



Sample Information

Client Sample ID: MW-18

York Sample ID: 23G0508-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0508

31401626 Sony

Water

July 11, 2023 10:40 am

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 00:46	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 00:46	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
156-59-2	cis-1,2-Dichloroethylene	0.870		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 00:46	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 00:46	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 00:46	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
79-01-6	Trichloroethylene	2.96		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 00:46	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-18

York Sample ID: 23G0508-01

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 10:40 am

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			79-122						

Sample Information

Client Sample ID: 303-MW-31S

York Sample ID: 23G0508-02

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 2:30 pm

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/18/2023 12:30	07/19/2023 01:14	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:14	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:14	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:14	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA



Sample Information

Client Sample ID: 303-MW-31S

York Sample ID: 23G0508-02

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 2:30 pm

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 01:14	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 01:14	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 01:14	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 01:14	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
67-66-3	Chloroform	1.18		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
156-59-2	cis-1,2-Dichloroethylene	0.580		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 01:14	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 01:14	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 01:14	SMA



Sample Information

Client Sample ID: 303-MW-31S

York Sample ID: 23G0508-02

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 2:30 pm

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:14	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
79-01-6	Trichloroethylene	2.12		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 01:14	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:14	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	101 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	101 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	103 %	79-122								

Sample Information

Client Sample ID: 303-MW-31D

York Sample ID: 23G0508-03

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 1:55 pm

Date Received
07/11/2023

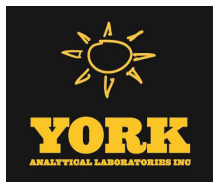
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA



Sample Information

Client Sample ID: 303-MW-31D

York Sample ID: 23G0508-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0508

31401626 Sony

Water

July 11, 2023 1:55 pm

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	1.14		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 01:43	SMA
75-35-4	1,1-Dichloroethylene	2.41		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 01:43	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/18/2023 12:30	07/19/2023 01:43	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA



Sample Information

Client Sample ID: 303-MW-31D

York Sample ID: 23G0508-03

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 1:55 pm

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
67-66-3	Chloroform	0.340	J	ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 01:43	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
156-59-2	cis-1,2-Dichloroethylene	5.80		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 01:43	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 01:43	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
79-01-6	Trichloroethylene	13.7		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 01:43	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 01:43	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	79-122								



Sample Information

Client Sample ID: 303-MW-32S

York Sample ID: 23G0508-04

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 1:47 pm

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
75-34-3	1,1-Dichloroethane	1.15		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
75-35-4	1,1-Dichloroethylene	4.23		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/18/2023 12:30	07/19/2023 02:11	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA



Sample Information

Client Sample ID: 303-MW-32S

York Sample ID: 23G0508-04

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 1:47 pm

Date Received
07/11/2023

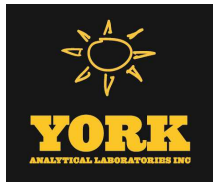
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
67-66-3	Chloroform	0.460	J	ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 02:11	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
156-59-2	cis-1,2-Dichloroethylene	8.57		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 02:11	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:11	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
127-18-4	Tetrachloroethylene	0.260	J, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 02:11	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
79-01-6	Trichloroethylene	20.2		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/18/2023 12:30	07/19/2023 02:11	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:11	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: 303-MW-32S

York Sample ID: 23G0508-04

York Project (SDG) No.

23G0508

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 11, 2023 1:47 pm

Date Received

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			79-122						

Sample Information

Client Sample ID: 303-MW-32D

York Sample ID: 23G0508-05

York Project (SDG) No.

23G0508

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 11, 2023 1:22 pm

Date Received

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
75-34-3	1,1-Dichloroethane	1.14		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
75-35-4	1,1-Dichloroethylene	4.27		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/18/2023 12:30	07/19/2023 02:39	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:39	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:39	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:39	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA



Sample Information

Client Sample ID: 303-MW-32D

York Sample ID: 23G0508-05

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 1:22 pm

Date Received
07/11/2023

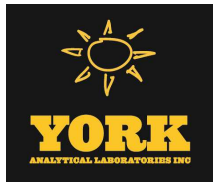
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 02:39	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 02:39	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 02:39	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 02:39	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
67-66-3	Chloroform	0.360	J	ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
156-59-2	cis-1,2-Dichloroethylene	8.59		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 02:39	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 02:39	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 02:39	SMA



Sample Information

Client Sample ID: 303-MW-32D

York Sample ID: 23G0508-05

York Project (SDG) No.

23G0508

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 11, 2023 1:22 pm

Date Received

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 02:39	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
79-01-6	Trichloroethylene	19.1		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 02:39	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	101 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	100 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	104 %	79-122								

Sample Information

Client Sample ID: Sparkill PZ-1

York Sample ID: 23G0508-06

York Project (SDG) No.

23G0508

Client Project ID

31401626 Sony

Matrix

Water

Collection Date/Time

July 11, 2023 11:10 am

Date Received

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:08	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:08	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:08	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:08	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:08	SMA



Sample Information

Client Sample ID: Sparkill PZ-1

York Sample ID: 23G0508-06

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 11:10 am

Date Received
07/11/2023

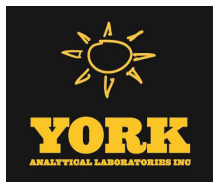
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	07/19/2023 03:08	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA



Sample Information

Client Sample ID: Sparkill PZ-1

York Sample ID: 23G0508-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0508

31401626 Sony

Water

July 11, 2023 11:10 am

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/19/2023 03:08	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/19/2023 03:08	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								



Sample Information

Client Sample ID: TB

York Sample ID: 23G0508-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0508

31401626 Sony

Water

July 11, 2023 2:30 pm

07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	07/18/2023 22:53	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 22:53	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 22:53	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 22:53	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 22:53	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 22:53	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 22:53	SMA
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	07/18/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 22:53	SMA



Sample Information

Client Sample ID: TB

York Sample ID: 23G0508-07

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 2:30 pm

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/18/2023 22:53	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/18/2023 22:53	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/18/2023 22:53	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/18/2023 22:53	SMA
75-09-2	Methylene chloride	1.12	J	ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/18/2023 22:53	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								



Sample Information

Client Sample ID: TB

York Sample ID: 23G0508-07

York Project (SDG) No.
23G0508

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 2:30 pm

Date Received
07/11/2023

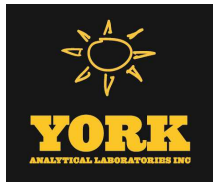
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						



Analytical Batch Summary

Batch ID: BG30974

Preparation Method: EPA 5030B

Prepared By: FTR

YORK Sample ID	Client Sample ID	Preparation Date
23G0508-01	MW-18	07/18/23
23G0508-02	303-MW-31S	07/18/23
23G0508-03	303-MW-31D	07/18/23
23G0508-04	303-MW-32S	07/18/23
23G0508-05	303-MW-32D	07/18/23
23G0508-06	Sparkill PZ-1	07/18/23
23G0508-07	TB	07/18/23
BG30974-BLK1	Blank	07/18/23
BG30974-BS1	LCS	07/18/23
BG30974-BSD1	LCS Dup	07/18/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30974 - EPA 5030B

Blank (BG30974-BLK1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30974 - EPA 5030B

LCS (BG30974-BS1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	8.95		ug/L	10.0		89.5	82-126				
1,1,1-Trichloroethane	8.89		"	10.0		88.9	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.10		"	10.0		91.0	54-165				
1,1,2-Trichloroethane	9.41		"	10.0		94.1	82-123				
1,1-Dichloroethane	8.48		"	10.0		84.8	82-129				
1,1-Dichloroethylene	8.84		"	10.0		88.4	68-138				
1,1-Dichloropropylene	8.35		"	10.0		83.5	83-133				
1,2,3-Trichlorobenzene	8.24		"	10.0		82.4	76-136				
1,2,3-Trichloropropane	9.79		"	10.0		97.9	77-128				
1,2,4-Trichlorobenzene	8.43		"	10.0		84.3	76-137				
1,2-Dibromo-3-chloropropane	9.05		"	10.0		90.5	45-147				
1,2-Dibromoethane	9.52		"	10.0		95.2	83-124				
1,2-Dichlorobenzene	8.96		"	10.0		89.6	79-123				
1,2-Dichloroethane	9.13		"	10.0		91.3	73-132				
1,2-Dichloropropane	9.33		"	10.0		93.3	78-126				
1,3-Dichlorobenzene	8.60		"	10.0		86.0	86-122				
1,3-Dichloropropane	9.41		"	10.0		94.1	81-125				
1,4-Dichlorobenzene	8.61		"	10.0		86.1	85-124				
2,2-Dichloropropane	8.19		"	10.0		81.9	56-150				
2-Chlorotoluene	8.94		"	10.0		89.4	79-130				
4-Chlorotoluene	8.75		"	10.0		87.5	79-128				
Bromobenzene	8.84		"	10.0		88.4	78-129				
Bromochloromethane	9.40		"	10.0		94.0	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	9.13		"	10.0		91.3	78-133				
Bromomethane	6.63		"	10.0		66.3	43-168				
Carbon tetrachloride	8.64		"	10.0		86.4	77-141				
Chlorobenzene	9.47		"	10.0		94.7	88-120				
Chloroethane	8.27		"	10.0		82.7	65-136				
Chloroform	8.72		"	10.0		87.2	82-128				
Chloromethane	8.60		"	10.0		86.0	43-155				
cis-1,2-Dichloroethylene	8.64		"	10.0		86.4	83-129				
cis-1,3-Dichloropropylene	8.10		"	10.0		81.0	80-131				
Dibromochloromethane	9.05		"	10.0		90.5	80-130				
Dibromomethane	9.23		"	10.0		92.3	72-134				
Dichlorodifluoromethane	8.14		"	10.0		81.4	44-144				
Hexachlorobutadiene	8.46		"	10.0		84.6	67-146				
Methylene chloride	8.40		"	10.0		84.0	55-137				
Tetrachloroethylene	5.06		"	10.0		50.6	82-131	Low Bias			
trans-1,2-Dichloroethylene	8.73		"	10.0		87.3	80-132				
trans-1,3-Dichloropropylene	8.79		"	10.0		87.9	78-131				
Trichloroethylene	8.49		"	10.0		84.9	82-128				
Trichlorofluoromethane	8.70		"	10.0		87.0	67-139				
Vinyl Chloride	8.52		"	10.0		85.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.93		"	10.0		99.3	69-130				
Surrogate: SURR: Toluene-d8	9.96		"	10.0		99.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30974 - EPA 5030B											
LCS Dup (BG30974-BSD1)						Prepared & Analyzed: 07/18/2023					
1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126		0.668	30	
1,1,1-Trichloroethane	9.09		"	10.0		90.9	78-136		2.22	30	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129		6.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	54-165		5.35	30	
1,1,2-Trichloroethane	9.71		"	10.0		97.1	82-123		3.14	30	
1,1-Dichloroethane	8.93		"	10.0		89.3	82-129		5.17	30	
1,1-Dichloroethylene	9.23		"	10.0		92.3	68-138		4.32	30	
1,1-Dichloropropylene	8.69		"	10.0		86.9	83-133		3.99	30	
1,2,3-Trichlorobenzene	8.68		"	10.0		86.8	76-136		5.20	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		5.95	30	
1,2,4-Trichlorobenzene	8.82		"	10.0		88.2	76-137		4.52	30	
1,2-Dibromo-3-chloropropane	9.33		"	10.0		93.3	45-147		3.05	30	
1,2-Dibromoethane	9.69		"	10.0		96.9	83-124		1.77	30	
1,2-Dichlorobenzene	9.29		"	10.0		92.9	79-123		3.62	30	
1,2-Dichloroethane	9.42		"	10.0		94.2	73-132		3.13	30	
1,2-Dichloropropane	9.93		"	10.0		99.3	78-126		6.23	30	
1,3-Dichlorobenzene	9.07		"	10.0		90.7	86-122		5.32	30	
1,3-Dichloropropane	9.80		"	10.0		98.0	81-125		4.06	30	
1,4-Dichlorobenzene	9.06		"	10.0		90.6	85-124		5.09	30	
2,2-Dichloropropane	8.28		"	10.0		82.8	56-150		1.09	30	
2-Chlorotoluene	9.28		"	10.0		92.8	79-130		3.73	30	
4-Chlorotoluene	9.14		"	10.0		91.4	79-128		4.36	30	
Bromobenzene	9.31		"	10.0		93.1	78-129		5.18	30	
Bromochloromethane	10.3		"	10.0		103	77-128		8.94	30	
Bromodichloromethane	9.15		"	10.0		91.5	79-128		3.11	30	
Bromoform	9.14		"	10.0		91.4	78-133		0.109	30	
Bromomethane	7.52		"	10.0		75.2	43-168		12.6	30	
Carbon tetrachloride	8.83		"	10.0		88.3	77-141		2.18	30	
Chlorobenzene	9.59		"	10.0		95.9	88-120		1.26	30	
Chloroethane	9.14		"	10.0		91.4	65-136		9.99	30	
Chloroform	8.97		"	10.0		89.7	82-128		2.83	30	
Chloromethane	8.63		"	10.0		86.3	43-155		0.348	30	
cis-1,2-Dichloroethylene	9.01		"	10.0		90.1	83-129		4.19	30	
cis-1,3-Dichloropropylene	8.47		"	10.0		84.7	80-131		4.47	30	
Dibromochloromethane	9.15		"	10.0		91.5	80-130		1.10	30	
Dibromomethane	9.55		"	10.0		95.5	72-134		3.41	30	
Dichlorodifluoromethane	7.94		"	10.0		79.4	44-144		2.49	30	
Hexachlorobutadiene	8.98		"	10.0		89.8	67-146		5.96	30	
Methylene chloride	9.13		"	10.0		91.3	55-137		8.33	30	
Tetrachloroethylene	5.11		"	10.0		51.1	82-131	Low Bias	0.983	30	
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	80-132		4.26	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		2.80	30	
Trichloroethylene	8.58		"	10.0		85.8	82-128		1.05	30	
Trichlorofluoromethane	9.40		"	10.0		94.0	67-139		7.73	30	
Vinyl Chloride	8.80		"	10.0		88.0	58-145		3.23	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURRE: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0508-01	MW-18	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0508-02	303-MW-31S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0508-03	303-MW-31D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0508-04	303-MW-32S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0508-05	303-MW-32D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0508-06	Sparkill PZ-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0508-07	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

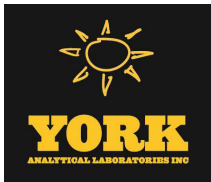
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.





Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

2360508

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: WSP	Company:	Company:		31401626	RUSH - Next Day
Address: 6 Reach Ave Ste 260 Stratford CT 06684	Address:	Address:			RUSH - Two Day
Phone: 203-929-8555	Phone: SAME	Phone: SAME		YOUR Project Name	RUSH - Three Day
Contact: Karen Develing	Contact:	Contact:		Sony	RUSH - Four Day
E-mail: karen.develing@wsp.com	E-mail:	E-mail:		YOUR PO#:	RUSH - Five Day
					Standard (6-9 Day) ☒
					PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Phan Son

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report CT RCP EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report CT RCP DQA/DUE <u>NYSDEC EQuIS</u>	
DW - drinking water	Connecticut	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	<u>NY ASP B Package</u> Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-18	GW	7/11/23 1040	HVOCs 8260	VOA	3
303-MW-315	↓	↓ 1430	↓	↓	3
303-MW-310	↓	↓ 1355	↓	↓	3
303-MW-325	↓	↓ 1347	↓	↓	3
303-MW-320	↓	↓ 1322	↓	↓	3
Sparkill PZ-1	↓	↓ 1110	↓	↓	3
TB	LAB	LAB	↓	↓	2

Comments:	Preservation: (check all that apply)	Special Instruction
Samples iced/chilled at time of lab pickup? circle Yes or No <u>Yes</u>	HCl ☒ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___	Field Filtered
	ZnAc ___ Ascorbic Acid ___ Other: ___	Lab to Filter

1. Samples Relinquished by / Company WSP Date/Time 7/11/23 1705	1. Samples Received by / Company Date/Time	2. Samples Relinquished by / Company Date/Time
2. Samples Received by / Company Date/Time	3. Samples Relinquished by / Company Date/Time	3. Samples Received by / Company Date/Time
4. Samples Relinquished by / Company Date/Time	4. Samples Received by / Company Date/Time	Samples Received in LAB by H. Blum Date/Time 7/11/23 1705 Temperature 39 Degrees C



Technical Report

prepared for:

WSP USA, Inc. (Shelton)

6 Research Drive, Suite 260

Shelton CT, 06484

Attention: Karen Destefanis

Report Date: 07/19/2023

Client Project ID: 31401626 Sony

York Project (SDG) No.: 23G0509

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/19/2023
Client Project ID: 31401626 Sony
York Project (SDG) No.: 23G0509

WSP USA, Inc. (Shelton)
6 Research Drive, Suite 260
Shelton CT, 06484
Attention: Karen Destefanis

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 11, 2023 and listed below. The project was identified as your project: **31401626 Sony**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0509-01	MW-1	Water	07/11/2023	07/11/2023

General Notes for York Project (SDG) No.: 23G0509

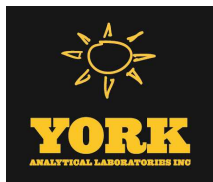
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/19/2023





Sample Information

Client Sample ID: MW-1

York Sample ID: 23G0509-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0509

31401626 Sony

Water

July 11, 2023 9:25 am

07/11/2023

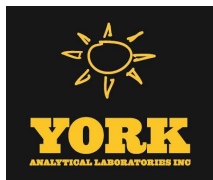
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/18/2023 12:30	07/19/2023 03:36	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA



Sample Information

Client Sample ID: MW-1

York Sample ID: 23G0509-01

York Project (SDG) No.
23G0509

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 9:25 am

Date Received
07/11/2023

Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/18/2023 12:30	07/19/2023 03:36	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/18/2023 12:30	07/19/2023 03:36	SMA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-1

York Sample ID: 23G0509-01

York Project (SDG) No.
23G0509

Client Project ID
31401626 Sony

Matrix
Water

Collection Date/Time
July 11, 2023 9:25 am

Date Received
07/11/2023

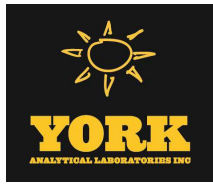
Volatile Organics, 8260 Halogenated List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.3 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			79-122						



Analytical Batch Summary

Batch ID: BG30974

Preparation Method: EPA 5030B

Prepared By: FTR

YORK Sample ID	Client Sample ID	Preparation Date
23G0509-01	MW-1	07/18/23
BG30974-BLK1	Blank	07/18/23
BG30974-BS1	LCS	07/18/23
BG30974-BSD1	LCS Dup	07/18/23



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

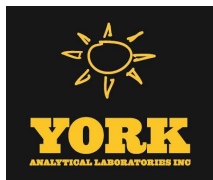
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30974 - EPA 5030B

Blank (BG30974-BLK1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Tetrachloroethylene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30974 - EPA 5030B											
LCS (BG30974-BS1)						Prepared & Analyzed: 07/18/2023					
1,1,1,2-Tetrachloroethane	8.95		ug/L	10.0		89.5	82-126				
1,1,1-Trichloroethane	8.89		"	10.0		88.9	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.10		"	10.0		91.0	54-165				
1,1,2-Trichloroethane	9.41		"	10.0		94.1	82-123				
1,1-Dichloroethane	8.48		"	10.0		84.8	82-129				
1,1-Dichloroethylene	8.84		"	10.0		88.4	68-138				
1,1-Dichloropropylene	8.35		"	10.0		83.5	83-133				
1,2,3-Trichlorobenzene	8.24		"	10.0		82.4	76-136				
1,2,3-Trichloropropane	9.79		"	10.0		97.9	77-128				
1,2,4-Trichlorobenzene	8.43		"	10.0		84.3	76-137				
1,2-Dibromo-3-chloropropane	9.05		"	10.0		90.5	45-147				
1,2-Dibromoethane	9.52		"	10.0		95.2	83-124				
1,2-Dichlorobenzene	8.96		"	10.0		89.6	79-123				
1,2-Dichloroethane	9.13		"	10.0		91.3	73-132				
1,2-Dichloropropane	9.33		"	10.0		93.3	78-126				
1,3-Dichlorobenzene	8.60		"	10.0		86.0	86-122				
1,3-Dichloropropane	9.41		"	10.0		94.1	81-125				
1,4-Dichlorobenzene	8.61		"	10.0		86.1	85-124				
2,2-Dichloropropane	8.19		"	10.0		81.9	56-150				
2-Chlorotoluene	8.94		"	10.0		89.4	79-130				
4-Chlorotoluene	8.75		"	10.0		87.5	79-128				
Bromobenzene	8.84		"	10.0		88.4	78-129				
Bromochloromethane	9.40		"	10.0		94.0	77-128				
Bromodichloromethane	8.87		"	10.0		88.7	79-128				
Bromoform	9.13		"	10.0		91.3	78-133				
Bromomethane	6.63		"	10.0		66.3	43-168				
Carbon tetrachloride	8.64		"	10.0		86.4	77-141				
Chlorobenzene	9.47		"	10.0		94.7	88-120				
Chloroethane	8.27		"	10.0		82.7	65-136				
Chloroform	8.72		"	10.0		87.2	82-128				
Chloromethane	8.60		"	10.0		86.0	43-155				
cis-1,2-Dichloroethylene	8.64		"	10.0		86.4	83-129				
cis-1,3-Dichloropropylene	8.10		"	10.0		81.0	80-131				
Dibromochloromethane	9.05		"	10.0		90.5	80-130				
Dibromomethane	9.23		"	10.0		92.3	72-134				
Dichlorodifluoromethane	8.14		"	10.0		81.4	44-144				
Hexachlorobutadiene	8.46		"	10.0		84.6	67-146				
Methylene chloride	8.40		"	10.0		84.0	55-137				
Tetrachloroethylene	5.06		"	10.0		50.6	82-131	Low Bias			
trans-1,2-Dichloroethylene	8.73		"	10.0		87.3	80-132				
trans-1,3-Dichloropropylene	8.79		"	10.0		87.9	78-131				
Trichloroethylene	8.49		"	10.0		84.9	82-128				
Trichlorofluoromethane	8.70		"	10.0		87.0	67-139				
Vinyl Chloride	8.52		"	10.0		85.2	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.93		"	10.0		99.3	69-130				
Surrogate: SURR: Toluene-d8	9.96		"	10.0		99.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG30974 - EPA 5030B

LCS Dup (BG30974-BSD1)

Prepared & Analyzed: 07/18/2023

1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126		0.668	30	
1,1,1-Trichloroethane	9.09		"	10.0		90.9	78-136		2.22	30	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129		6.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.60		"	10.0		96.0	54-165		5.35	30	
1,1,2-Trichloroethane	9.71		"	10.0		97.1	82-123		3.14	30	
1,1-Dichloroethane	8.93		"	10.0		89.3	82-129		5.17	30	
1,1-Dichloroethylene	9.23		"	10.0		92.3	68-138		4.32	30	
1,1-Dichloropropylene	8.69		"	10.0		86.9	83-133		3.99	30	
1,2,3-Trichlorobenzene	8.68		"	10.0		86.8	76-136		5.20	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		5.95	30	
1,2,4-Trichlorobenzene	8.82		"	10.0		88.2	76-137		4.52	30	
1,2-Dibromo-3-chloropropane	9.33		"	10.0		93.3	45-147		3.05	30	
1,2-Dibromoethane	9.69		"	10.0		96.9	83-124		1.77	30	
1,2-Dichlorobenzene	9.29		"	10.0		92.9	79-123		3.62	30	
1,2-Dichloroethane	9.42		"	10.0		94.2	73-132		3.13	30	
1,2-Dichloropropane	9.93		"	10.0		99.3	78-126		6.23	30	
1,3-Dichlorobenzene	9.07		"	10.0		90.7	86-122		5.32	30	
1,3-Dichloropropane	9.80		"	10.0		98.0	81-125		4.06	30	
1,4-Dichlorobenzene	9.06		"	10.0		90.6	85-124		5.09	30	
2,2-Dichloropropane	8.28		"	10.0		82.8	56-150		1.09	30	
2-Chlorotoluene	9.28		"	10.0		92.8	79-130		3.73	30	
4-Chlorotoluene	9.14		"	10.0		91.4	79-128		4.36	30	
Bromobenzene	9.31		"	10.0		93.1	78-129		5.18	30	
Bromochloromethane	10.3		"	10.0		103	77-128		8.94	30	
Bromodichloromethane	9.15		"	10.0		91.5	79-128		3.11	30	
Bromoform	9.14		"	10.0		91.4	78-133		0.109	30	
Bromomethane	7.52		"	10.0		75.2	43-168		12.6	30	
Carbon tetrachloride	8.83		"	10.0		88.3	77-141		2.18	30	
Chlorobenzene	9.59		"	10.0		95.9	88-120		1.26	30	
Chloroethane	9.14		"	10.0		91.4	65-136		9.99	30	
Chloroform	8.97		"	10.0		89.7	82-128		2.83	30	
Chloromethane	8.63		"	10.0		86.3	43-155		0.348	30	
cis-1,2-Dichloroethylene	9.01		"	10.0		90.1	83-129		4.19	30	
cis-1,3-Dichloropropylene	8.47		"	10.0		84.7	80-131		4.47	30	
Dibromochloromethane	9.15		"	10.0		91.5	80-130		1.10	30	
Dibromomethane	9.55		"	10.0		95.5	72-134		3.41	30	
Dichlorodifluoromethane	7.94		"	10.0		79.4	44-144		2.49	30	
Hexachlorobutadiene	8.98		"	10.0		89.8	67-146		5.96	30	
Methylene chloride	9.13		"	10.0		91.3	55-137		8.33	30	
Tetrachloroethylene	5.11		"	10.0		51.1	82-131	Low Bias	0.983	30	
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	80-132		4.26	30	
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131		2.80	30	
Trichloroethylene	8.58		"	10.0		85.8	82-128		1.05	30	
Trichlorofluoromethane	9.40		"	10.0		94.0	67-139		7.73	30	
Vinyl Chloride	8.80		"	10.0		88.0	58-145		3.23	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0509-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

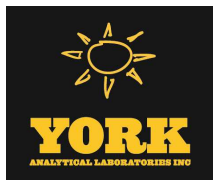
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.





COMMUNITY AIR MONITORING

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10/23
WEATHER: 85° clear

WIND DIRECTION: WSW
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW - A4

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1015	0.0	0.0			
1045			0.0		
1050				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23
WEATHER: 85° Sun

WIND DIRECTION: WNW
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW- A1

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
923	0.0	0.0			
946			0.0		
1010				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5
WEATHER: 90°

WIND DIRECTION: WNW
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW-F1

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1504	0.0	0.0			
1525			0.0		
1530				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23
WEATHER: 90° S

WIND DIRECTION: W/NW
WSP PERSONNEL: JS

MONITOR WELL LOCATION MW-F2

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1409	0.0	0.0			
1424			0.0		
1437				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23
WEATHER: 90° sun

WIND DIRECTION: ESE
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW 285

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1325	0.0	0.0			
1345			0.0		
1352				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 4/7/23
WEATHER: 90° sun

WIND DIRECTION: ESE
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW F3

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1230	0.0	0.0			
1250			0.0		
1258				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23
WEATHER: 90° sun

WIND DIRECTION: ESE
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW-24

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1148	0.0	0.0			
1203			0.0		
1212				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23
WEATHER: 90° sun

WIND DIRECTION: ESE
WSP PERSONNEL: P. STAS

MONITOR WELL LOCATION MW-280

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1105	0.0	0.0			
1121			0.0		
1133				0.0	
1140					0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23
WEATHER: 90° Sun

WIND DIRECTION: ESE
WSP PERSONNEL: P. Smith

MONITOR WELL LOCATION MW-290

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1030	0.0	0.0			
1042			0.0		
1052				0.0	
1055					0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23

WIND DIRECTION: SE variable

WEATHER: 95° Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-27D

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1408-1429	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23

WIND DIRECTION: S variable

WEATHER: 95°, sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-B1(17)

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1025 → 1104	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23

WIND DIRECTION: variable

WEATHER: 95° Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-B4(38)

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0855-0957	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23 WIND DIRECTION: variable
 WEATHER: 95°, sunny WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-c2(17)

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1153 → 1305	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23 WIND DIRECTION: variable
 WEATHER: 95° sunny WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw - D1(17)

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1313→	0.0	0.0	0.0	0.0	0.0
1350					

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/5/23

WIND DIRECTION: variable

WEATHER: 95° Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw - E1(17)

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1445 → 1519	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23

WIND DIRECTION: SE

WEATHER: 90°, Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-95

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0953 → 1016	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23

WIND DIRECTION: SE

WEATHER: 90°, Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-9D

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0923 → 0950	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10/23 WIND DIRECTION: NW
WEATHER: 82°, partly Sunny WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-A5(17)

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0910 → 0934	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10/23 WIND DIRECTION: NW
WEATHER: 82°, partly sunny WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-10s

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0958→1023	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10/23 WIND DIRECTION: NW
WEATHER: 82°, partly Sunny WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION mw-100

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1025 → 1051	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE:

7-5-23

WIND DIRECTION:

NE

WEATHER:

Sunny 92°

WSP PERSONNEL:

SP

MONITOR WELL LOCATION

mw-61

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
12:00	0.0	0.0	0.0	0.0	0.0

Comments

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-5-23 WIND DIRECTION: NE
 WEATHER: Sunny 92°F WSP PERSONNEL: SP

MONITOR WELL LOCATION mw-13

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
12:30	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG

542 ROUTE 303

ORANGETOWN, NEW YORK

DATE:

7-5-23

WIND DIRECTION:

NE

WEATHER:

Bunny 92°F

WSP PERSONNEL:

SP

MONITOR WELL LOCATION _____

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
11:30	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG

542 ROUTE 303

ORANGETOWN, NEW YORK

DATE:

7-5-23

WIND DIRECTION:

NE

WEATHER:

Sunny 85°

WSP PERSONNEL:

SP

MONITOR WELL LOCATION

MW- J2

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
10:35	0.0	0.0	0.0	0.0	0.0

Comments

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-5-23

WIND DIRECTION: NE

WEATHER: Sunny

WSP PERSONNEL: SP

MONITOR WELL LOCATION MW- I 1

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
9:30	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-5-23 WIND DIRECTION: WSW NE
 WEATHER: * Sunny 92° WSP PERSONNEL: SP

MONITOR WELL LOCATION MW-62

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
15:45	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-10-23
WEATHER: Overcast 85°

WIND DIRECTION: S
WSP PERSONNEL: SP

MONITOR WELL LOCATION mw-75

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
10:55	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE:

1-10-23

WIND DIRECTION:

S

WEATHER:

*Overcast 83°

WSP PERSONNEL:

SP

MONITOR WELL LOCATION

mw-I4

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
9.20	0.0	0.0	0.0	0.0	0.0

Comments

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23
WEATHER: 90° Sun

WIND DIRECTION: W
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW-13

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1130	0.0	0.0			
1200			0.0		
1235				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/27
 WEATHER: 85°

WIND DIRECTION: WNW
 WSP PERSONNEL: PS

MONITOR WELL LOCATION MW-1

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1050	0.0	0.0			
1109			0.0		

Comments Well Run dry - WPM Collected Gas Sample Later

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23
WEATHER: 80° Sun

WIND DIRECTION: W
WSP PERSONNEL: PS

MONITOR WELL LOCATION IL-MW-7A

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
837	0.0	0.0			
856			0.0		
912				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE:

7/6/23

WIND DIRECTION:

ESE

WEATHER:

92° sun

WSP PERSONNEL:

JS

MONITOR WELL LOCATION

IL-MW-7

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
604	6.0	0.2			
625			0.0		
832				0.0	0.0

Comments

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23

WIND DIRECTION: SE

WEATHER: 90°, Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION IL-mw-8s

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0835-20905	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23

WIND DIRECTION: SE

WEATHER: 90°, sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION IL-mw-8D

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0808 → 0835	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23

WIND DIRECTION: SE

WEATHER: 90° Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION IL-mw-14s

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0640 → 0717	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/6/23

WIND DIRECTION: SE

WEATHER: 90°, Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION IL-MW-14D

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
0718 → 0742	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10/23

WIND DIRECTION: NW

WEATHER: 82°, partly Sunny

WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION MW-12

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1115 > 1140	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10/23 WIND DIRECTION: NW
WEATHER: 82°, partly Sunny WSP PERSONNEL: L. DeHoyos

MONITOR WELL LOCATION MW-15S

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1200 → 1229	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG

542 ROUTE 303

ORANGETOWN, NEW YORK

DATE:

7-5-23

WIND DIRECTION:

NE

WEATHER:

Bunny 92°F

WSP PERSONNEL:

SP

MONITOR WELL LOCATION _____

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
11:30	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-6-23
 WEATHER: Sunny 90°

WIND DIRECTION: Calm
 WSP PERSONNEL: SP

MONITOR WELL LOCATION IL MW 9D

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
9:15	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-6-23 WIND DIRECTION: Calm
WEATHER: Sunny 92° WSP PERSONNEL: SP

MONITOR WELL LOCATION MW-30D

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
<u>11:00</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE:

7-6-23

WIND DIRECTION:

Calm

WEATHER:

Sunny 92°

WSP PERSONNEL:

SP

MONITOR WELL LOCATION

mw-305

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
10:20	0.0	0.0	0.0	0.0	0.0

Comments

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-6-23

WIND DIRECTION: Calm

WEATHER: *Sunny 92°

WSP PERSONNEL: SP

MONITOR WELL LOCATION mw-21

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
12:00	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-6-23 WIND DIRECTION: Calm
WEATHER: Sunny 80° WSP PERSONNEL: SP

MONITOR WELL LOCATION IL MW-95

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
8:10	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-11-23

WIND DIRECTION: ESE

WEATHER: Sunny 90°

WSP PERSONNEL: SP

MONITOR WELL LOCATION 303 mw315

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
13:58	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE:

7-11-23

WIND DIRECTION:

ESE

WEATHER:

Sunny 85°

WSP PERSONNEL:

SP

MONITOR WELL LOCATION

303 mw-31 D

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
13:10	0.0	0.0	0.0	0.0	0.0

Comments

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-11-23 WIND DIRECTION: ENE
WEATHER: * Sunny 85° WSP PERSONNEL: SP

MONITOR WELL LOCATION mw-18

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
9:45	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7-10-23 WIND DIRECTION: SE
WEATHER: P. Sunny 85° WSP PERSONNEL: SP

MONITOR WELL LOCATION MW-22

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
12:10	0.0	0.0	0.0	0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10 WIND DIRECTION: WSW
WEATHER: 90° Sun WSP PERSONNEL: PS

MONITOR WELL LOCATION MW-110

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1204	0.0	0.0			
1223			0.0		
1231				0.0	0.0

Comments _____

PERIODIC VOLATILE ORGANIC COMPOUND MONITORING LOG
542 ROUTE 303
ORANGETOWN, NEW YORK

DATE: 7/10/23
WEATHER: 90° Sun

WIND DIRECTION: WSW
WSP PERSONNEL: PS

MONITOR WELL LOCATION MW-115

Volatile Organic Compound Monitoring

Time	Initial (Cap Closed) (ppm)	Cap Open (ppm)	Middle Purge (ppm)	Prior to Sample Collection (ppm)	Cap Closed (ppm)
1114	0.0	0.0			
1137			0.0		
1204				0.0	0.0

Comments _____

