

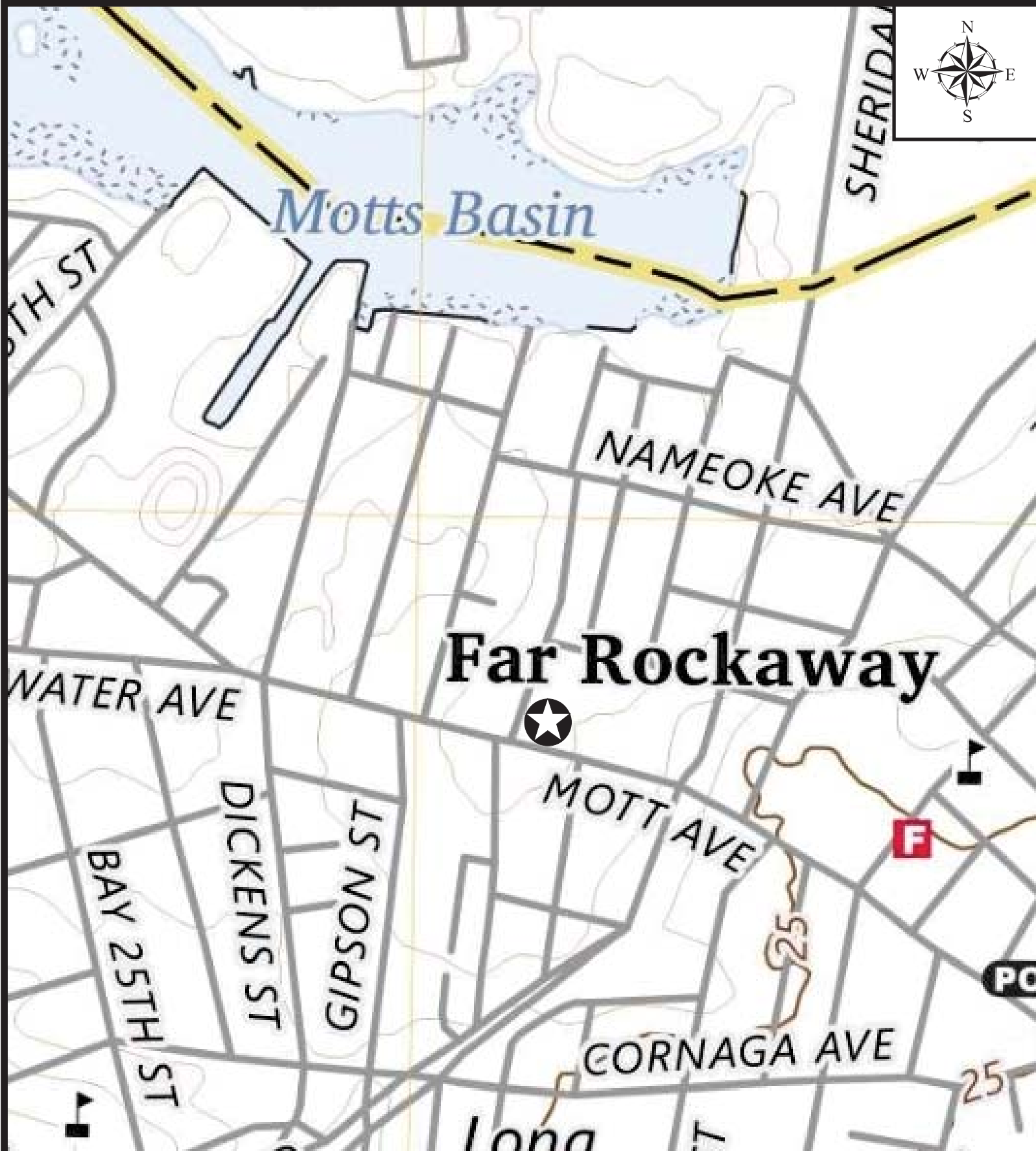


Figure 1 - Topographic Map



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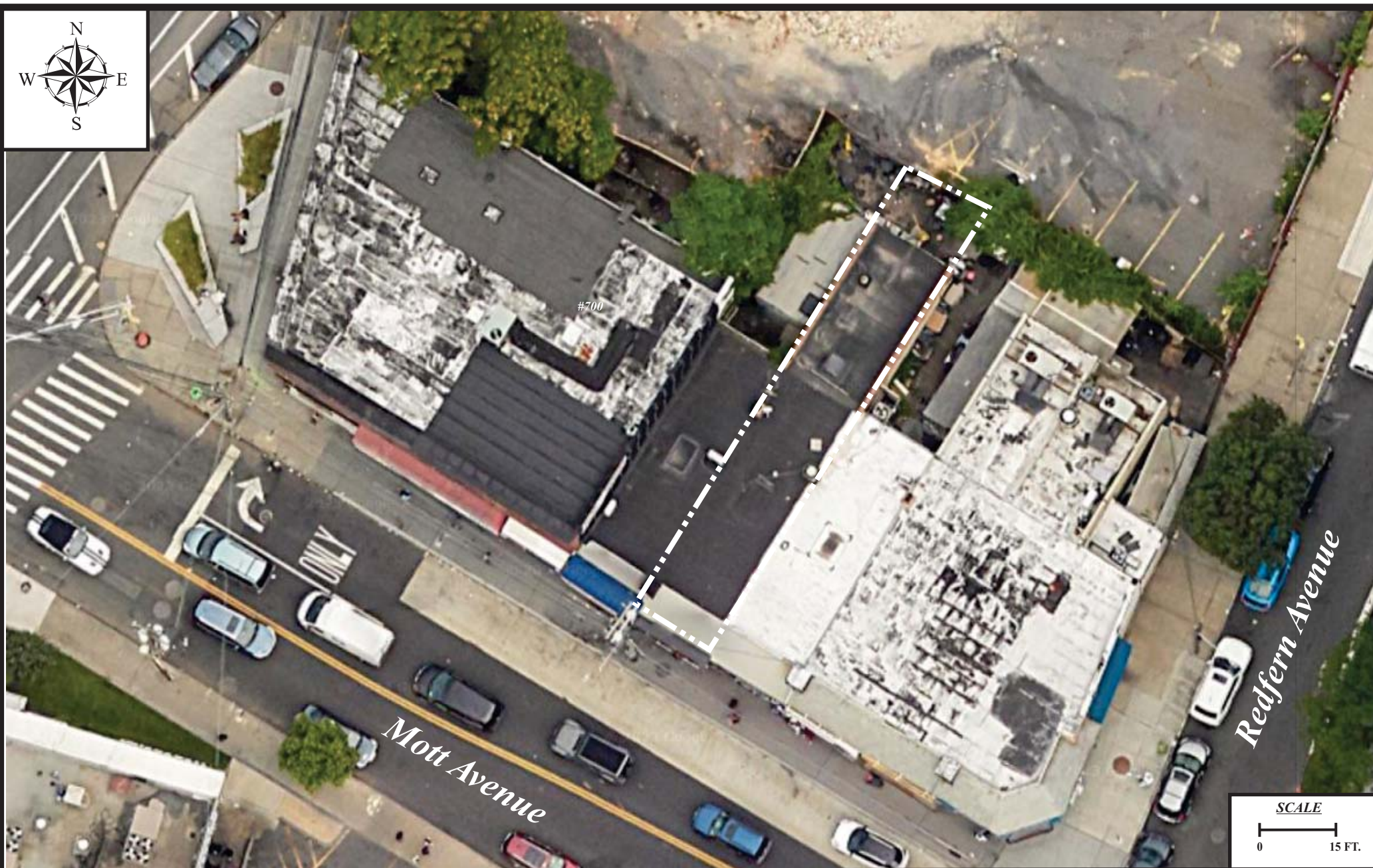


-Approximate Location
of Subject Property

Source: United States Geologic Survey
Far Rockaway Quadrangle

Site: 21-40 Mott Avenue,
Far Rockaway, NY

Date: August 2023



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**-Approximate
Property Line**

Figure 2- Aerial View

Source: Google Maps

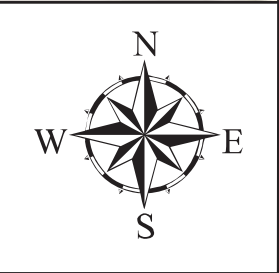
**Site: 21-40 Mott Avenue,
Far Rockaway, NY**

Date: August 2023

SCALE
0 15 FT.

NYSDOH Air Guidance Values and Decision Matrices			
Compound	NYSDOH Immediate Action Level	NYSDOH Air Guidance Value	NYSDOH Decision Matrix
Volatile Organics, EPA TO15 Full List	-	-	
Dilution Factor	-	-	
1,1,1-Trichloroethane	100	-	No further Action
1,1-Dichloroethylene	6	-	No further Action
Carbon tetrachloride	6	-	No Further Action
cis-1,2-Dichloroethylene	6	-	Mitigate
Methylene chloride	600	60	No Further Action
Tetrachloroethylene	300	30	Mitigate
Trichloroethylene	20	2	Mitigate
Vinyl Chloride	6	-	No further Action

Sample ID	OA-1	
Sampling Date	8/17/2023 11:18:00 AM	
Client Matrix	Outdoor Ambient Air	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	17.61	
1,1,1-Trichloroethane	0.510	U
1,1-Dichloroethylene	0.0930	U
Carbon tetrachloride	0.240	D
cis-1,2-Dichloroethylene	1.200	D
Methylene chloride	0.650	U
Tetrachloroethylene	460	D
Trichloroethylene	2.100	D
Vinyl Chloride	0.220	D



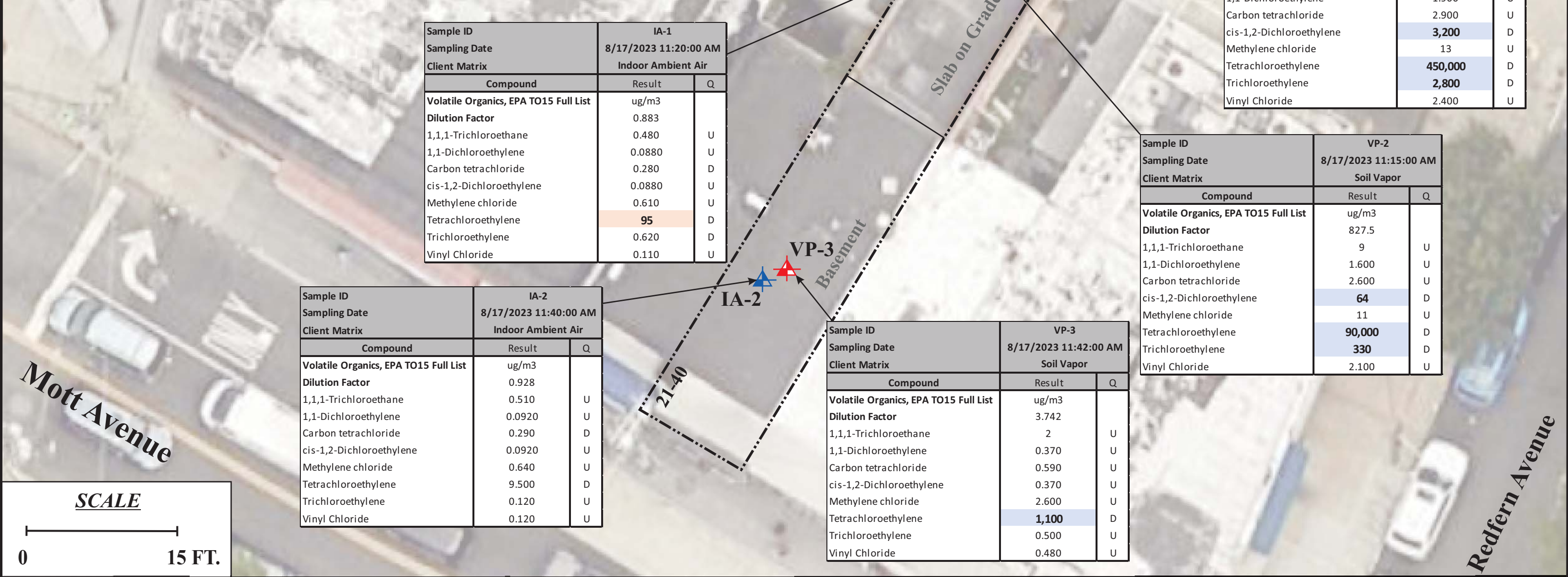
Sample ID	VP-1	
Sampling Date	8/17/2023 11:15:00 AM	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	6704.1	
1,1,1-Trichloroethane	10	U
1,1-Dichloroethylene	1.900	U
Carbon tetrachloride	2.900	U
cis-1,2-Dichloroethylene	3,200	D
Methylene chloride	13	U
Tetrachloroethylene	450,000	D
Trichloroethylene	2,800	D
Vinyl Chloride	2.400	U

Sample ID	IA-1	
Sampling Date	8/17/2023 11:20:00 AM	
Client Matrix	Indoor Ambient Air	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	0.883	
1,1,1-Trichloroethane	0.480	U
1,1-Dichloroethylene	0.0880	U
Carbon tetrachloride	0.280	D
cis-1,2-Dichloroethylene	0.0880	U
Methylene chloride	0.610	U
Tetrachloroethylene	95	D
Trichloroethylene	0.620	D
Vinyl Chloride	0.110	U

Sample ID	VP-2	
Sampling Date	8/17/2023 11:15:00 AM	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	827.5	
1,1,1-Trichloroethane	9	U
1,1-Dichloroethylene	1.600	U
Carbon tetrachloride	2.600	U
cis-1,2-Dichloroethylene	64	D
Methylene chloride	11	U
Tetrachloroethylene	90,000	D
Trichloroethylene	330	D
Vinyl Chloride	2.100	U

Sample ID	IA-2	
Sampling Date	8/17/2023 11:40:00 AM	
Client Matrix	Indoor Ambient Air	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	0.928	
1,1,1-Trichloroethane	0.510	U
1,1-Dichloroethylene	0.0920	U
Carbon tetrachloride	0.290	D
cis-1,2-Dichloroethylene	0.0920	U
Methylene chloride	0.640	U
Tetrachloroethylene	9.500	D
Trichloroethylene	0.120	U
Vinyl Chloride	0.120	U

Sample ID	VP-3	
Sampling Date	8/17/2023 11:42:00 AM	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	3.742	
1,1,1-Trichloroethane	2	U
1,1-Dichloroethylene	0.370	U
Carbon tetrachloride	0.590	U
cis-1,2-Dichloroethylene	0.370	U
Methylene chloride	2.600	U
Tetrachloroethylene	1,100	D
Trichloroethylene	0.500	U
Vinyl Chloride	0.480	U





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Figure 3 - Site Features and Sampling Locations

 - Soil Vapor Sampling Location

 - Indoor Air Sampling Location

 - Outdoor Air Sampling Location

Site: 21-40 Mott Avenue
Far Rockaway, NY

Date: April 2023

NYSDEC Soil Cleanup Objectives			
Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial
VOA, 8260 MASTER	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			
1,1-Dichloroethane	0.27	19	240
1,1-Dichloroethylene	0.33	100	500
cis-1,2-Dichloroethylene	0.25	59	500
Tetrachloroethylene	1.3	5.5	150
trans-1,2-Dichloroethylene	0.19	100	500
Trichloroethylene	0.47	10	200
Vinyl Chloride	0.02	0.21	13

Sample ID	SB-1 (2-3')		SB-1 (17-18')	
Sampling Date	8/15/2023 10:00:00 AM		8/15/2023 10:15:00 AM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg		mg/Kg	
Dilution Factor	1		100	
1,1-Dichloroethane	ND	U	ND	U
1,1-Dichloroethylene	ND	U	ND	U
cis-1,2-Dichloroethylene	ND	U	0.00430	J
Tetrachloroethylene	0.0280		8.700	D
trans-1,2-Dichloroethylene	ND	U	ND	U
Trichloroethylene	ND	U	0.00230	J
Vinyl Chloride	ND	U	ND	U

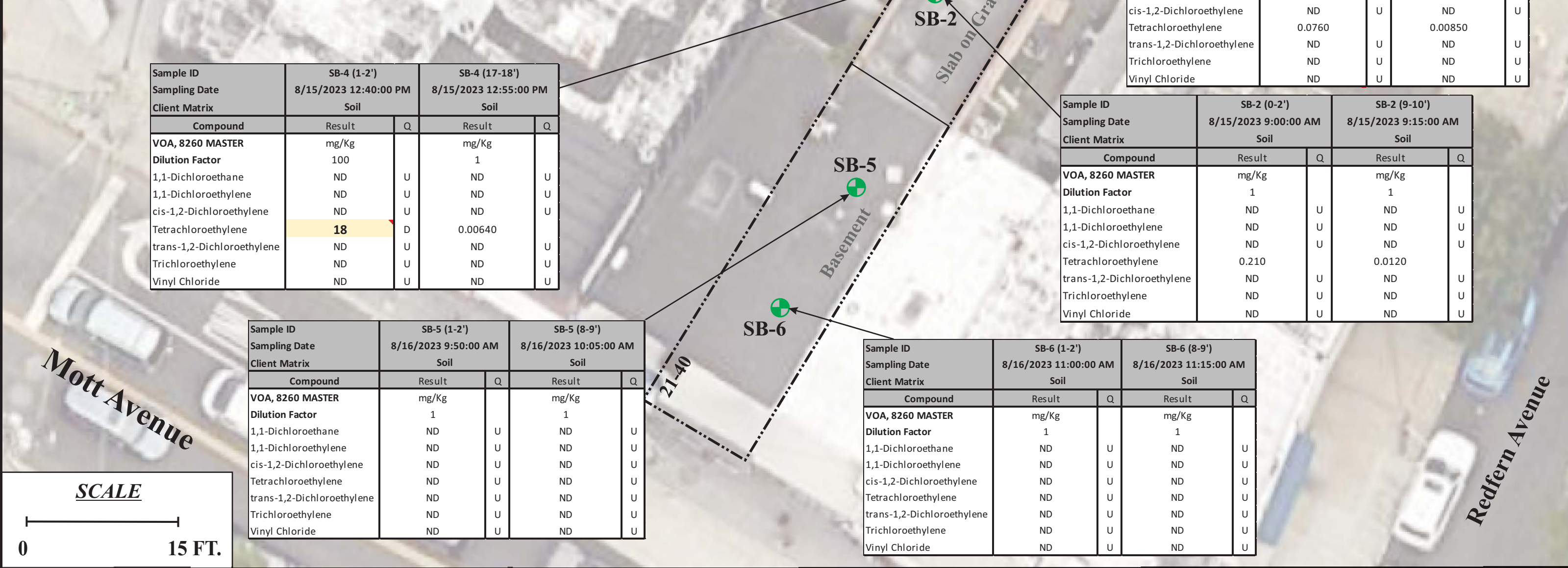
Sample ID	SB-3 (10-11')		SB-3 (17-18')	
Sampling Date	8/15/2023 11:00:00 AM		8/15/2023 11:15:00 AM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg		mg/Kg	
Dilution Factor	1		1	
1,1-Dichloroethane	ND	U	ND	U
1,1-Dichloroethylene	ND	U	ND	U
cis-1,2-Dichloroethylene	ND	U	ND	U
Tetrachloroethylene	0.0760		0.00850	
trans-1,2-Dichloroethylene	ND	U	ND	U
Trichloroethylene	ND	U	ND	U
Vinyl Chloride	ND	U	ND	U

Sample ID	SB-4 (1-2')		SB-4 (17-18')	
Sampling Date	8/15/2023 12:40:00 PM		8/15/2023 12:55:00 PM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg		mg/Kg	
Dilution Factor	100		1	
1,1-Dichloroethane	ND	U	ND	U
1,1-Dichloroethylene	ND	U	ND	U
cis-1,2-Dichloroethylene	ND	U	ND	U
Tetrachloroethylene	18	D	0.00640	
trans-1,2-Dichloroethylene	ND	U	ND	U
Trichloroethylene	ND	U	ND	U
Vinyl Chloride	ND	U	ND	U

Sample ID	SB-2 (0-2')		SB-2 (9-10')	
Sampling Date	8/15/2023 9:00:00 AM		8/15/2023 9:15:00 AM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg		mg/Kg	
Dilution Factor	1		1	
1,1-Dichloroethane	ND	U	ND	U
1,1-Dichloroethylene	ND	U	ND	U
cis-1,2-Dichloroethylene	ND	U	ND	U
Tetrachloroethylene	0.210		0.0120	
trans-1,2-Dichloroethylene	ND	U	ND	U
Trichloroethylene	ND	U	ND	U
Vinyl Chloride	ND	U	ND	U

Sample ID	SB-5 (1-2')		SB-5 (8-9')	
Sampling Date	8/16/2023 9:50:00 AM		8/16/2023 10:05:00 AM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg		mg/Kg	
Dilution Factor	1		1	
1,1-Dichloroethane	ND	U	ND	U
1,1-Dichloroethylene	ND	U	ND	U
cis-1,2-Dichloroethylene	ND	U	ND	U
Tetrachloroethylene	ND	U	ND	U
trans-1,2-Dichloroethylene	ND	U	ND	U
Trichloroethylene	ND	U	ND	U
Vinyl Chloride	ND	U	ND	U

Sample ID	SB-6 (1-2')		SB-6 (8-9')	
Sampling Date	8/16/2023 11:00:00 AM		8/16/2023 11:15:00 AM	
Client Matrix	Soil		Soil	
Compound	Result	Q	Result	Q
VOA, 8260 MASTER	mg/Kg		mg/Kg	
Dilution Factor	1		1	
1,1-Dichloroethane	ND	U	ND	U
1,1-Dichloroethylene	ND	U	ND	U
cis-1,2-Dichloroethylene	ND	U	ND	U
Tetrachloroethylene	ND	U	ND	U
trans-1,2-Dichloroethylene	ND	U	ND	U
Trichloroethylene	ND	U	ND	U
Vinyl Chloride	ND	U	ND	U





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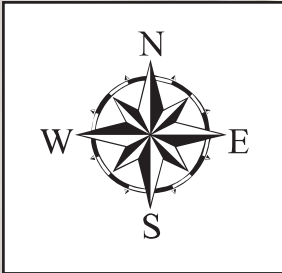
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Figure 4 - Soil Analytical Results

 **- Soil Sampling Location**

Site: 21-40 Mott Avenue
Far Rockaway, NY

Date: August 2023



Sample ID	MW-1		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/17/2023 9:10:00 AM		
Client Matrix	Ground Water		
Compound	Result	Q	
VOA, 8260 LOW MASTER	ug/L		ug/L
Dilution Factor	10		
1,1-Dichloroethane	ND	U	5
1,1-Dichloroethylene	ND	U	5
cis-1,2-Dichloroethylene	2.410		5
Tetrachloroethylene	295	D	5
Trichloroethylene	3.730		5
Vinyl Chloride	ND	U	2

Sample ID	MW-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	8/17/2023 10:30:00 AM		
Client Matrix	Ground Water		
Compound	Result	Q	
VOA, 8260 LOW MASTER	ug/L		ug/L
Dilution Factor	1		
1,1-Dichloroethane	ND	U	5
1,1-Dichloroethylene	ND	U	5
cis-1,2-Dichloroethylene	ND	U	5
Tetrachloroethylene	46.900		5
Trichloroethylene	ND	U	5
Vinyl Chloride	ND	U	2

Sample ID	MW-2		NYSDEC TOG Standards and Guidance Values - GA
Sampling Date	8/17/2023 10:00:00 AM		
Client Matrix	Ground Water		
Compound	Result	Q	
VOA, 8260 LOW MASTER	ug/L		ug/L
Dilution Factor	10		
1,1-Dichloroethane	ND	U	5
1,1-Dichloroethylene	ND	U	5
cis-1,2-Dichloroethylene	3.430		5
Tetrachloroethylene	414	D	5
Trichloroethylene	5.070		5
Vinyl Chloride	ND	U	2

Mott Avenue

Redfern Avenue

Basement

Slab on Grade

MW-1

MW-2

MW-3

21-40

SCALE

0 15 FT.



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Figure 5 - Groundwater Analytical Results



- Groundwater Sampling Location

Site: 21-40 Mott Avenue
Far Rockaway, NY

Date: August 2023

Table 1
Soil Analytical Data Results - VOCs
21-40 Mott Avenue, Far Rockaway, New York

Sample ID York ID	SB-1 (2-3') 23H1260-01 8/15/2023 10:00:00 AM		SB-1 (17-18') 23H1260-02 8/15/2023 10:15:00 AM		SB-2 (0-2') 23H1260-03 8/15/2023 9:00:00 AM		SB-2 (9-10') 23H1260-04 8/15/2023 9:15:00 AM		SB-3 (10-11') 23H1260-05 8/15/2023 11:00:00 AM		SB-3 (17-18') 23H1260-06 8/15/2023 11:15:00 AM		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW
Sampling Date Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil						
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q					
VOA, 8260 MASTER	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor	1		100		1		1		1		1						
1,1,1,2-Tetrachloroethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,1,1-Trichloroethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.68	100	100	500	0.68
1,1,2,2-Tetrachloroethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,1,2-Trichloroethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,1-Dichloroethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.27	19	26	240	0.27
1,1-Dichloroethylene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.33	100	100	500	0.33
1,1-Dichloropropylene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,2,3-Trichlorobenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,2,3-Trichloropropane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,2,4,5-Tetramethylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,2,4-Trichlorobenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,2,4-Trimethylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	3.6	47	52	190	3.6
1,2-Dibromo-3-chloropropane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,2-Dibromoethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,2-Dichlorobenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	1.1	100	100	500	1.1
1,2-Dichloroethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.02	2.3	3.1	30	0.02
1,2-Dichloropropane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,3,5-Trimethylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	8.4	47	52	190	8.4
1,3-Dichlorobenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	2.4	17	49	280	2.4
1,3-Dichloropropane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
1,4-Dichlorobenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	1.8	9.8	13	130	1.8
1,4-Dioxane	0.0510	U	0.0470	U	0.0460	U	0.0530	U	0.0480	U	0.0510	U	0.1	9.8	13	130	0.1
2,2-Dichloropropane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
2-Butanone	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.12	100	100	500	0.12
2-Chloroethylvinyl ether	0.0100	U	0.00940	U	0.00920	U	0.0110	U	0.00950	U	0.0100	U	~	~	~	~	~
2-Chlorotoluene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
2-Hexanone	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
4-Chlorotoluene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
4-Methyl-2-pentanone	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Acetone	0.00510	U	0.00710	J	0.00880	J	0.00530	U	0.0160	U	0.00510	U	0.05	100	100	500	0.05
Acrolein	0.00510	U	0.00470	U	0.00460	U	0.00530	U	0.00480	U	0.00510	U	~	~	~	~	~
Acrylonitrile	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Benzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.06	2.9	4.8	44	0.06
Bromobenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Bromochloromethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Bromodichloromethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Bromoform	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Bromomethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Carbon disulfide	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Carbon tetrachloride	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.76	1.4	2.4	22	0.76
Chlorobenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	1.1	100	100	500	1.1
Chloroethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Chloroform	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.37	10	49	350	0.37
Chloromethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
cis-1,2-Dichloroethylene	0.00260	U	0.00430	J	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.25	59	100	500	0.25
cis-1,3-Dichloropropylene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Cyclohexane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Dibromochloromethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Dibromomethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Dichlorodifluoromethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Diisopropyl ether (DIPE)	0.00410	U	0.00380	U	0.00370	U	0.00430	U	0.00380	U	0.00400	U	~	~	~	~	~
Ethanol	0.0410	U	0.0380	U	0.0370	U	0.0430	U	0.0380	U	0.0400	U	~	~	~	~	~
Ethyl Benzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	1	30	41	390	1
Ethyl tert-butyl ether (ETBE)	0.00410	U	0.00380	U	0.00370	U	0.00430	U	0.00380	U	0.00400	U	~	~	~	~	~
Hexachlorobutadiene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Iodomethane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Isopropylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Methyl acetate	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Methyl Methacrylate	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Methyl tert-butyl ether (MTBE)	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	0.93	62	100	500	0.93
Methylcyclohexane	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
Methylene chloride	0.00510	U	0.00470	U	0.00460	U	0.00530	U	0.00480	U	0.00510	U	0.05	51	100	500	0.05
Naphthalene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	12	100	100	500	12
n-Butylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	12	100	100	500	12
n-Propylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	3.9	100	100	500	3.9
o-Xylene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
p- & m- Xylenes	0.00510	U	0.00470	U	0.00460	U	0.00530	U	0.00480	U	0.00510	U	~	~	~	~	~
p-Diethylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
p-Ethyltoluene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
p-Isopropyltoluene	0.00260	U	0.00230	U	0.00230	U	0.00270	U	0.00240	U	0.00250	U	~	~	~	~	~
sec-Butylbenzene	0.00260	U	0.00230	U	0.00230	U	0.00270										

Table 1
Soil Analytical Data Results - VOCs
21-40 Mott Avenue, Far Rockaway, New York

Sample ID York ID Sampling Date Client Matrix	SB-4 (1-2') 23H1260-07 8/15/2023 12:40:00 PM Soil		SB-4 (17-18') 23H1260-08 8/15/2023 12:55:00 PM Soil		SB-5 (1-2') 23H1380-01 8/16/2023 9:50:00 AM Soil		SB-5 (8-9') 23H1380-02 8/16/2023 10:05:00 AM Soil		SB-6 (1-2') 23H1380-03 8/16/2023 11:00:00 AM Soil		SB-6 (8-9') 23H1380-04 8/16/2023 11:15:00 AM Soil		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW
Compound	Result mg/Kg	Q	Result mg/Kg	Q	Result mg/Kg	Q	Result mg/Kg	Q	Result mg/Kg	Q	Result mg/Kg	Q	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
VOA, 8260 MASTER Dilution Factor	100		100		1		1		1		1						
1,1,1,2-Tetrachloroethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,1,1-Trichloroethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.68	100	100	500	0.68
1,1,2,2-Tetrachloroethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,1,2-Trichloroethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,1-Dichloroethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.27	19	26	240	0.27
1,1-Dichloroethylene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.33	100	100	500	0.33
1,1-Dichloropropylene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,2,3-Trichlorobenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,2,3-Trichloropropane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,2,4,5-Tetramethylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,2,4-Trichlorobenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,2,4-Trimethylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	3.6	47	52	190	3.6
1,2-Dibromo-3-chloropropane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,2-Dibromoethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,2-Dichlorobenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	1.1	100	100	500	1.1
1,2-Dichloroethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.02	2.3	3.1	30	0.02
1,2-Dichloropropane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,3,5-Trimethylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	8.4	47	52	190	8.4
1,3-Dichlorobenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	2.4	17	49	280	2.4
1,3-Dichloropropane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
1,4-Dichlorobenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	1.8	9.8	13	130	1.8
1,4-Dioxane	0.0530	U	0.0420	U	0.0450	U	0.0530	U	0.0460	U	0.0520	U	0.1	9.8	13	130	0.1
2,2-Dichloropropane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
2-Butanone	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.12	100	100	500	0.12
2-Chloroethylvinyl ether	0.0110	U	0.00840	U	0.00890	U	0.0110	U	0.00910	U	0.0100	U	~	~	~	~	~
2-Chlorotoluene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
2-Hexanone	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
4-Chlorotoluene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
4-Methyl-2-pentanone	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Acetone	0.0110	U	0.00420	U	0.00450	U	0.00530	U	0.00460	U	0.00520	U	0.05	100	100	500	0.05
Acrolein	0.00530	U	0.00420	U	0.00450	U	0.00530	U	0.00460	U	0.00520	U	~	~	~	~	~
Acrylonitrile	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Benzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.06	2.9	4.8	44	0.06
Bromobenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Bromochloromethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Bromodichloromethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Bromoform	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Bromomethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Carbon disulfide	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Carbon tetrachloride	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.76	1.4	2.4	22	0.76
Chlorobenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	1.1	100	100	500	1.1
Chloroethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Chloroform	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.37	10	49	350	0.37
Chloromethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
cis-1,2-Dichloroethylene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.25	59	100	500	0.25
cis-1,3-Dichloropropylene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Cyclohexane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Dibromochloromethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Dibromomethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Dichlorodifluoromethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Diisopropyl ether (DIPE)	0.00430	U	0.00330	U	0.00360	U	0.00420	U	0.00370	U	0.00420	U	~	~	~	~	~
Ethanol	0.0430	U	0.0330	U	0.0360	U	0.0420	U	0.0370	U	0.0420	U	~	~	~	~	~
Ethyl Benzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	1	30	41	390	1
Ethyl tert-butyl ether (ETBE)	0.00430	U	0.00330	U	0.00360	U	0.00420	U	0.00370	U	0.00420	U	~	~	~	~	~
Hexachlorobutadiene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Iodomethane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Isopropylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Methyl acetate	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Methyl Methacrylate	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Methyl tert-butyl ether (MTBE)	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	0.93	62	100	500	0.93
Methylcyclohexane	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
Methylene chloride	0.00530	U	0.00420	U	0.00700	J	0.00530	U	0.00590	J	0.00520	U	0.05	51	100	500	0.05
Naphthalene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	12	100	100	500	12
n-Butylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	12	100	100	500	12
n-Propylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	3.9	100	100	500	3.9
o-Xylene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
p- & m- Xylenes	0.00530	U	0.00420	U	0.00450	U	0.00530	U	0.00460	U	0.00520	U	~	~	~	~	~
p-Diethylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
p-Ethyltoluene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
p-Isopropyltoluene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	~
sec-Butylbenzene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	11	100	100	500	11
Styrene	0.00270	U	0.00210	U	0.00220	U	0.00260	U	0.00230	U	0.00260	U	~	~	~	~	

Table 2
Groundwater Analytical Results - VOCs
21-40 Mott Avenue, Far Rockaway, NY

Sample ID	MW-1 23H1440-01		MW-2 23H1440-02		MW-3 23H1440-03		NYSDEC TOGS Standards and Guidance Values - GA
York ID	8/17/2023 9:10:00 AM		8/17/2023 10:00:00 AM		8/17/2023 10:30:00 AM		
Sampling Date	Ground Water		Ground Water		Ground Water		
Client Matrix							
Compound	Result	Q	Result	Q	Result	Q	
VOA, 8260 LOW MASTER	ug/L		ug/L		ug/L		ug/L
Dilution Factor	10		10		1		
1,1,1,2-Tetrachloroethane	0.216	U	0.216	U	0.216	U	5
1,1,1-Trichloroethane	0.266	U	0.266	U	0.266	U	5
1,1,2,2-Tetrachloroethane	0.256	U	0.256	U	0.256	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	U	0.286	U	0.286	U	5
1,1,2-Trichloroethane	0.249	U	0.249	U	0.249	U	1
1,1-Dichloroethane	0.272	U	0.272	U	0.272	U	5
1,1-Dichloroethylene	0.327	U	0.327	U	0.327	U	5
1,2,3-Trichlorobenzene	0.222	U	0.222	U	0.222	U	5
1,2,3-Trichloropropane	0.273	U	0.273	U	0.273	U	0.04
1,2,4-Trichlorobenzene	0.138	U	0.138	U	0.138	U	5
1,2,4-Trimethylbenzene	0.310	U	0.310	U	0.310	U	5
1,2-Dibromo-3-chloropropane	0.432	U	0.432	U	0.432	U	0.04
1,2-Dibromoethane	0.215	U	0.215	U	0.215	U	0.0006
1,2-Dichlorobenzene	0.270	U	0.270	U	0.270	U	3
1,2-Dichloroethane	0.377	U	0.377	U	0.377	U	0.6
1,2-Dichloropropane	0.327	U	0.327	U	0.327	U	1
1,3,5-Trimethylbenzene	0.347	U	0.347	U	0.347	U	5
1,3-Dichlorobenzene	0.283	U	0.283	U	0.283	U	3
1,3-Dichloropropane	0.260	U	0.260	U	0.260	U	5
1,4-Dichlorobenzene	0.311	U	0.311	U	0.311	U	3
1,4-Dioxane	35.300	U	35.300	U	35.300	U	0.35
2-Butanone	0.421	U	0.421	U	0.421	U	50
2-Hexanone	0.320	U	0.320	U	0.320	U	50
4-Methyl-2-pentanone	0.365	U	0.365	U	0.365	U	~
Acetone	1.340	U	1.340	U	1.340	U	50
Acrolein	0.447	U	0.447	U	0.447	U	~
Acrylonitrile	0.422	U	0.422	U	0.422	U	~
Benzene	0.279	U	0.279	U	0.279	U	1
Bromochloromethane	0.354	U	0.354	U	0.354	U	5
Bromodichloromethane	0.245	U	0.245	U	0.245	U	50
Bromoform	0.163	U	0.163	U	0.163	U	50
Bromomethane	0.119	U	0.119	U	0.119	U	5
Carbon disulfide	0.362	U	0.362	U	0.362	U	~
Carbon tetrachloride	0.204	U	0.204	U	0.204	U	5
Chlorobenzene	0.284	U	0.284	U	0.284	U	5
Chloroethane	0.448	U	0.448	U	0.448	U	5
Chloroform	1.530		1.470		5.350		7
Chloromethane	0.372	U	0.372	U	0.372	U	5
cis-1,2-Dichloroethylene	2.410		3.430		0.294	U	5
cis-1,3-Dichloropropylene	0.262	U	0.262	U	0.262	U	0.4
Cyclohexane	0.491	U	0.491	U	0.491	U	~
Dibromochloromethane	0.146	U	0.146	U	0.146	U	50
Dibromomethane	0.203	U	0.203	U	0.203	U	~
Dichlorodifluoromethane	0.451	U	0.451	U	0.451	U	5
Ethyl Benzene	0.290	U	0.290	U	0.290	U	5
Hexachlorobutadiene	0.241	U	0.241	U	0.241	U	0.5
Isopropylbenzene	0.405	U	0.405	U	0.405	U	5
Methyl acetate	0.442	U	0.442	U	0.442	U	~
Methyl tert-butyl ether (MTBE)	0.244	U	0.244	U	0.244	U	10
Methylcyclohexane	0.477	U	0.477	U	0.477	U	~
Methylene chloride	0.397	U	0.397	U	0.397	U	5
Naphthalene	0.212	U	0.212	U	0.212	U	10
n-Butylbenzene	0.399	U	0.399	U	0.399	U	5
n-Propylbenzene	0.384	U	0.384	U	0.384	U	5
o-Xylene	0.261	U	0.261	U	0.261	U	5
p- & m- Xylenes	0.578	U	0.578	U	0.578	U	~
p-Diethylbenzene	0.341	U	0.341	U	0.341	U	~
p-Ethyltoluene	0.200	U	0.200	U	0.200	U	~
p-Isopropyltoluene	0.377	U	0.377	U	0.377	U	5
sec-Butylbenzene	0.444	U	0.444	U	0.444	U	5
Styrene	0.255	U	0.255	U	0.255	U	5
tert-Butyl alcohol (TBA)	0.608	U	0.608	U	0.608	U	~
tert-Butylbenzene	0.367	U	0.367	U	0.367	U	5
Tetrachloroethylene	295	D	414	D	46.900		5
Toluene	0.346	U	0.346	U	0.346	U	5
trans-1,2-Dichloroethylene	0.279	U	0.279	U	0.279	U	5
trans-1,3-Dichloropropylene	0.229	U	0.229	U	0.229	U	0.4
Trichloroethylene	3.730		5.070		0.249	U	5
Trichlorofluoromethane	0.337	U	0.337	U	0.337	U	5
Vinyl Chloride	0.469	U	0.469	U	0.469	U	2
Xylenes, Total	0.836	U	0.836	U	0.836	U	5

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

Table 3
Soil Vapor, Indoor Air and Outdoor Air Analytical Results - VOCs
21-40 Mott Avenue, Far Rockaway, NY

Sample ID York ID Sampling Date Client Matrix	VP-1 23H1486-01 8/17/2023 11:15:00 AM Soil Vapor		OA-1 23H1486-02 8/17/2023 11:18:00 AM Outdoor Ambient Air		VP-2 23H1486-03 8/17/2023 11:15:00 AM Soil Vapor		IA-1 23H1486-04 8/17/2023 11:20:00 AM Indoor Ambient Air		VP-3 23H1486-05 8/17/2023 11:42:00 AM Soil Vapor		IA-2 23H1486-06 8/17/2023 11:40:00 AM Indoor Ambient Air		NYSDOH Immediate Action Level	NYSDOH Air Guidance Value	NYSDOH Decision Matrix
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Volatiles Organics, EPA TO15 Full List	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		-	-	
Dilution Factor	6704.1		17.61		827.5		0.883		3.742		0.928		-	-	
1,1,1,2-Tetrachloroethane	13	U	0.640	U	11	U	0.610	U	2.600	U	0.640	U	-	-	No further Action
1,1,1-Trichloroethane	10	U	0.510	U	9	U	0.480	U	2	U	0.510	U	100	-	
1,1,2,2-Tetrachloroethane	13	U	0.640	U	11	U	0.610	U	2.600	U	0.640	U	-	-	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14	U	0.720	U	13	U	0.680	U	2.900	U	0.710	U	-	-	
1,1,2-Trichloroethane	10	U	0.510	U	9	U	0.480	U	2	U	0.510	U	-	-	No further Action
1,1-Dichloroethane	7.600	U	0.380	U	6.700	U	0.360	U	1.500	U	0.380	U	-	-	
1,1-Dichloroethylene	1.900	U	0.0930	U	1.600	U	0.0880	U	0.370	U	0.0920	U	6	-	
1,2,4-Trichlorobenzene	14	U	0.700	U	12	U	0.660	U	2.800	U	0.690	U	-	-	
1,2,4-Trimethylbenzene	9.200	U	0.460	U	8.100	D	0.690	D	3.500	D	11	D	-	-	No further Action
1,2-Dibromoethane	14	U	0.720	U	13	U	0.680	U	2.900	U	0.710	U	-	-	
1,2-Dichlorobenzene	11	U	0.560	U	10	U	0.530	U	2.200	U	0.560	U	-	-	
1,2-Dichloroethane	7.600	U	0.380	U	6.700	U	0.360	U	1.500	U	0.380	U	-	-	
1,2-Dichloropropane	8.600	U	0.430	U	7.600	U	0.410	U	1.700	U	0.430	U	-	-	No further Action
1,2-Dichlorotetrafluoroethane	13	U	0.660	U	12	U	0.620	U	2.600	U	0.650	U	-	-	
1,3,5-Trimethylbenzene	9.200	U	0.460	U	8.100	U	0.430	U	1.800	U	4.600	D	-	-	
1,3-Butadiene	12	U	0.620	U	11	U	0.590	U	2.500	U	0.620	U	-	-	
1,3-Dichlorobenzene	11	U	0.560	U	10	U	0.530	U	2.200	U	0.560	U	-	-	No Further Action
1,3-Dichloropropane	8.600	U	0.430	U	7.600	U	0.410	U	1.700	U	0.430	U	-	-	
1,4-Dichlorobenzene	11	U	0.560	U	10	U	0.530	U	2.200	U	0.560	U	-	-	
1,4-Dioxane	13	U	0.680	U	12	U	0.640	U	2.700	U	0.670	U	-	-	
2-Butanone	5.500	U	1.200	D	6.300	D	0.260	D	5.600	D	1.700	D	-	-	No Further Action
2-Hexanone	15	U	0.770	U	14	U	0.720	U	3.100	U	0.760	U	-	-	
3-Chloropropene	29	U	1.500	U	26	U	1.400	U	5.900	U	1.500	U	-	-	
4-Methyl-2-pentanone	7.700	U	0.380	U	6.800	U	0.360	U	16	D	0.570	D	-	-	
Acetone	83	D	11	D	200	D	22	D	240	D	22	D	-	-	Mitigate
Acrylonitrile	4.100	U	0.200	U	3.600	U	0.190	U	0.810	U	0.200	U	-	-	
Benzene	7.800	D	0.720	D	5.300	U	1.500	D	1.200	U	1.200	D	-	-	
Benzyl chloride	9.700	U	0.490	U	8.600	U	0.460	U	1.900	U	0.480	U	-	-	
Bromodichloromethane	13	U	0.630	U	11	U	0.590	U	2.500	U	0.620	U	-	-	No Further Action
Bromoform	19	U	0.970	U	17	U	0.910	U	3.900	U	0.960	U	-	-	
Bromomethane	7.300	U	0.360	U	6.400	U	0.340	U	1.500	U	0.360	U	-	-	
Carbon disulfide	5.800	U	0.290	U	5.200	U	0.270	U	1.200	U	0.290	U	-	-	
Carbon tetrachloride	2.900	U	0.240	D	2.600	U	0.280	D	0.590	U	0.290	D	6	-	No Further Action
Chlorobenzene	8.600	U	0.430	U	7.600	U	0.410	U	1.700	U	0.430	U	-	-	
Chloroethane	4.900	U	0.250	U	4.400	U	0.230	U	0.990	U	0.240	U	-	-	
Chloroform	360	D	0.460	U	28	U	1.900	D	150	D	3.400	D	-	-	
Chloromethane	3.900	U	2	D	3.400	U	2.100	D	0.770	U	1.900	D	-	-	Mitigate
cis-1,2-Dichloroethylene	3,200	D	1.200	D	64	D	0.0880	U	0.370	U	0.0920	U	6	-	
cis-1,3-Dichloropropylene	8.500	U	0.430	U	7.500	U	0.400	U	1.700	U	0.420	U	-	-	
Cyclohexane	6.400	U	0.320	U	5.700	U	0.360	D	1.300	U	0.320	U	-	-	
Dibromochloromethane	16	U	0.800	U	14	U	0.750	U	3.200	U	0.790	U	-	-	No Further Action
Dichlorodifluoromethane	9.300	U	2	D	8.200	U	2.100	D	1.900	U	2.100	D	-	-	
Ethyl acetate	13	U	0.680	U	12	U	2.100	D	2.700	U	1.100	D	-	-	
Ethyl Benzene	8.100	U	0.410	U	7.200	U	0.770	D	1.600	U	1.100	D	-	-	
Hexachlorobutadiene	20	U	1	U	18	U	0.940	U	4	U	0.990	U	-	-	No Further Action
Isopropanol	23	U	2.100	BD	20	U	8.900	BD	6.100	BD	8.200	BD	-	-	
Methyl Methacrylate	7.700	U	0.380	U	6.800	U	0.360	U	1.500	U	0.380	U	-	-	
Methyl tert-butyl ether (MTBE)	6.700	U	0.340	U	6	U	0.320	U	1.300	U	0.330	U	-	-	
Methylene chloride	13	U	0.650	U	11	U	0.610	U	2.600	U	0.640	U	600	60	No Further Action
n-Heptane	7.700	U	0.540	D	6.800	U	1.200	D	1.500	U	0.380	U	-	-	
n-Hexane	6.600	U	0.600	D	5.800	U	1.600	D	1.300	U	1	D	-	-	
o-Xylene	8.100	U	0.450	D	7.200	U	0.960	D	2.600	D	3.300	D	-	-	
p- & m- Xylenes	23	D	1.300	D	14	U	3	D	3.900	D	4.200	D	-	-	Mitigate
p-Ethyltoluene	9.200	U	0.460	U	8.100	U	0.650	D	2.800	D	8.900	D	-	-	
Propylene	3.200	U	0.160	U	2.800	U	2.900	D	0.640	U	2.900	D	-	-	
Styrene	8	U	0.400	U	7	U	0.380	U	1.600	U	0.400	U	-	-	
Tetrachloroethylene	450,000	D	460	D	90,000	D	95	D	1,100	D	9.500	D	300	30	Mitigate
Tetrahydrofuran	11	U	0.550	U	9.800	U	0.520	U	2.200	U	0.550	U	-	-	
Toluene	16	D	1.800	D	6.200	U	6.500	D	2.100	U	4.800	D	-	-	
trans-1,2-Dichloroethylene	49	D	0.370	U	6.600	U	0.350	U	1.500	U	0.370	U	-	-	
trans-1,3-Dichloropropylene	8.500	U	0.430	U	7.500	U	0.400	U	1.700	U	0.420	U	-	-	Mitigate
Trichloroethylene	2,800	D	2.100	D	330	D	0.620	D	0.500	U	0.120	U	20	2	
Trichlorofluoromethane (Freon 11)	11	U	0.900	D	9.300	U	0.500	U	2.100	U	0.890	D	-	-	
Vinyl acetate	6.600	U	0.330	U	5.800	U	0.310	U	1.300	U	0.330	U	-	-	
Vinyl bromide	8.200	U	0.410	U	7.200	U	0.390	U	1.600	U	0.410	U	-	-	No further Action
Vinyl Chloride	2.400	U	0.220	D	2.100	U	0.110	U	0.480	U	0.120	U	6	-	

NOTES:

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NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte



PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax: (516) 213-8156

PROJECT: 21-46 Mott Avenue
LOCATION:
DATE: 8/14/23 - 8/15/23
PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-1 (2) / MW-1
SHEET 1 OF 1

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 8/14/23

FINISH DATE: 8/15/23

SAMPLING METHOD: macvane

LOGGED BY: Chris Zuercher

MEASURING POINT ELEVATION:

DRILLING CO.: Coastal

DRILLERS NAME: Mike

DRILLING METHOD AND RIG TYPE: Remote Access Rig

DEPTH (FT)	WELL DIAGRAM	SAMPLE				COLLECTIO N TIME	GRAPHIC LOG	MATERIAL DESCRIPTION	UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART		
		DEPTH (FT)	REC. (IN.)	BLOWS/6 IN.	PID (PPM)						
1					0.0			7" concrete slab		GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
2					0.3			Brown/Gray FC sand dry no u/s		GP	Poorly-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
3					4.2			Brown FC sand damp no u/s		GM	Silty Gravels, Gravel - Sand - Silt Mixtures
4					0.7			FC sand w/ gravel		GC	Clayey Gravels, Gravel - Sand - Clay Mixtures
5					0.9			Tan coarse sand + Gravel damp no u/s		SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
6					0.1			Tan Fine to coarse sand		SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
7					0.5			Tan FC sand → Fine tan sand		SM	Silty Sands, Sand - Silt Mixtures
8					1.7			Tan FC sand w/ cobble		SC	Clayey Sands, Sand - Clay Mixtures
9					1.2			Tan FC sand w/ some cobble (very compact)			
10					0.9			- refusal w/ remote rig - continued w/ 6011 BT		ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
11					0.6			Tan FC sand w/ some gravel Dry		OL	Organic Silts and Organic Silty Clays of Low Plasticity
12					0.4					MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
13					0.5			Orange-tan coarse sand w/ gravel		CH	Inorganic class of High Plasticity
14					0.0					OH	Organic Clays of Medium to High Plasticity, Organic Silts
15					0.0			Tan Fine sand dry		PT	Peat, Humus, Swamp Soils with High Organic Contents
16					0.3			Brown FC sand dry		FILL	Fill Material
17					2.8					Monitoring Well Construction Details	
18					1.9					Monitoring Well ID: MW-1	
19					0.2			Tan FC sand dry		Depth (ft.): 20	
20					0.0			Tan FC sand wet		Dia. (in.): 1 in. extra	
					0.0			Tan coarse sand wet		Well Material: Schedule 40 PVC	
					0.0					Screen Slot Size: 0.020	
					0.0					Screen Interval: 10-20	
					0.0					Riser Interval: 0-10	
					0.0					Depth/Type Pack: #2 Filter Sand /	
					0.0					Depth/Type Seal: Grout /	
					0.0					Backfill Over Seal: Concrete	
					0.0					Surface Seal: Concrete	
					0.0					Well Endcap: 1" Slip Cap	
					0.0					Well Cap: 1" Gripper Cap	
					0.0					Manhole: 4" F/M Bolt-down	

SB-1(2-3) collected @ 10:00 4.2 ppm

SB-1(17-18) collected @ 10:15 2.8 ppm

(MW @ 18.5' installed 1" well to 20'
(DTW 18.46 ft.)

(MW-1)
(VP-1) installed adjacent to 6' bgs



PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax: (516) 213-8156

PROJECT: 21-40 Matt Avenue

LOCATION: " "

DATE: 8/15/23

PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-2

SHEET OF

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 8/15/23

FINISH DATE: 8/15/23

SAMPLING METHOD: hand auger

LOGGED BY: Chris Zuer

MEASURING POINT ELEVATION:

DRILLING CO.: Mike

DRILLERS NAME: Cynthia G

DRILLING METHOD AND RIG TYPE: Hammer Drill + hand auger

DEPTH (FT)	WELL DIAGRAM	SAMPLE				COLLECTIO N TIME	GRAPHIC LOG	MATERIAL DESCRIPTION	UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART	
		DEPTH (FT)	REC. (IN.)	BLOWS/6 IN.	PID (PPM)					
1					0.0			- Tire cap	GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
2					0.9			- Concrete (5")	GP	Poorly-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
3					1.1			- Tan FC sand + gravel fine coarse	GM	Silty Gravels, Gravel - Sand - Silt Mixtures
4					0.0			Tan FC sand + gravel Dry no o/s	GC	Clayey Gravels, Gravel - Sand - Clay Mixtures
5					0.0			↓	SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
6					0.0			Tan Fine sand well sorted Dry no o/s	SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
7					0.0			↓	SM	Silty Sands, Sand - Silt Mixtures
8					0.0			Tan Fine sand well sorted Dry no o/s	SC	Clayey Sands, Sand - Clay Mixtures
9					0.0			↓	ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
10					0.0			SAA	CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
11								↓	OL	Organic Silts and Organic Silty Clays of Low Plasticity
12								- NO further recovery past 10' bgs	MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
13									CH	Inorganic class of High Plasticity
14									OH	Organic Clays of Medium to High Plasticity, Organic Silts
15									PT	Peat, Humus, Swamp Soils with High Organic Contents
16									FILL	Fill Material

SB-2 (1-2) collected @ 9:00 1.1 ppm

SB-2 (9-10) collected @ 9:15 0.0 ppm

Monitoring Well Construction Details

Monitoring Well ID:

Depth (ft.):

Dia. (in.): 2-inch

Well Material: Schedule 40 PVC

Screen Slot Size: 0.020

Screen Interval:

Riser Interval:

Depth/Type Pack: #2 Filter Sand /

Depth/Type Seal: Grout /

Backfill Over Seal: Concrete

Surface Seal: Concrete

Well Endcap: 2" Slip Cap

Well Cap: 2" Gripper Cap

Manhole: 4" F/M Bolt-down

* had to add more amounts of water in bgs to allow hand Augering



PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax: (516) 213-8156

PROJECT: 21-40 Mott Avenue
Far Rockaway NY

LOCATION:

DATE: 8/15/23

PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-3

SHEET OF

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 8/15/23

FINISH DATE: 8/15/23

SAMPLING METHOD: macro core

LOGGED BY: Chris Zurek

MEASURING POINT ELEVATION:

DRILLING CO.: Coastal

DRILLERS NAME: Mike

DRILLING METHOD AND RIG TYPE: 6011 BT

DEPTH (FT)	WELL DIAGRAM	SAMPLE			COLLECTIO N TIME	GRAPHIC LOG	MATERIAL DESCRIPTION	UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART		
		DEPTH (FT)	REC. (IN.)	BLOWS/6 IN.						
1							concrete cap etc		GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
2							Brown FC sand + gravel Dry no o/s		GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
3							Brown FC sand → tan FC sand w/ some gravel		GM	Silty Gravels, Gravel - Sand - Silt Mixtures
4							Tan coarse sand dry no o/s		GC	Clayey Gravels, Gravel- Sand- Clay Mixtures
5							Tan Fine sand well sorted		SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
6							Tan FC sand dry no o/s		SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
7							Tan Fine sand well sorted dry no o/s		SM	Silty Sands, Sand - Silt Mixtures
8									SC	Clayey Sands, Sand - Clay Mixtures
9							Tan Fine sand well sorted dry no o/s		ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
10									CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
11							Dark brown FC sand w/ some gravel dry		OL	Organic Silts and Organic Silty Clays of Low Plasticity
12									MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
13							Tan Fine sand dry no o/s		CH	Inorganic class of High Plasticity
14									OH	Organic Clays of Medium to High Plasticity, Organic Silts
15							Tan - orange coarse sand w/ gravel		PT	Peat, Humus, Swamp Soils with High Organic Contents
16							Brown / Tan coarse sand w/ gravel dry no o/s		FILL	Fill Material
17									Monitoring Well Construction Details	
18							Fine tan sand dry no o/s		Monitoring Well ID:	
19							Coarse sand w/ gravel wet no o/s		Depth (ft.):	
20									Dia. (in.):	
									Well Material:	
									Screen Slot Size:	
									Screen Interval:	
									Riser Interval:	
									Depth/Type Pack:	
									Depth/Type Seal:	
									Backfill Over Seal:	
									Surface Seal:	
									Well Endcap:	
									Well Cap:	
									Manhole:	

SB-3(10-11) collected @ 11:00 2.4ppm

SB-3(17-18) collected @ 11:15 0.0ppm

#2 Filter Sand /
Grout /
Concrete
Concrete
2" Slip Cap
2" Gripper Cap
4" F/M Bolt-down



PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax: (516) 213-8156

PROJECT: 2140 Mott Avenue
LOCATION: Far Rockaway NY
DATE:
PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-4 / MW-2

SHEET OF

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 2/15/23

FINISH DATE: 3/15/23

SAMPLING METHOD: macro core

LOGGED BY: Chris Zuer

MEASURING POINT ELEVATION:

DRILLING CO.: Coastal

DRILLERS NAME: Mike

DRILLING METHOD AND RIG TYPE: 6011 DT

DEPTH (FT)	WELL DIAGRAM	DEPTH (FT)	SAMPLE	REC. (IN.)	BLOWS/6 IN.	PID (PPM)	COLLECTIO N TIME	GRAPHIC LOG	MATERIAL DESCRIPTION	UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART
1						0.0			5" concrete (5")	GW Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
2						6.1			Dark brown FC sand dry no o/s	GP Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
3						11.2			Tan FC sand w/ Gravel Dry no o/s	GM Silty Gravels, Gravel - Sand - Silt Mixtures
4						4.0				GC Clayey Gravels, Gravel- Sand- Clay Mixtures
5						4.1			Tan FC sand & gravel dry no o/s	SW Well-Graded Sands, Gravelly Sands, Little or No Fines
6						3.4				SP Poorly-Graded Sands, Gravelly Sand, Little or no Fines
7						0.3			Tan FC sand dry no o/s	SM Silty Sands, Sand - Silt Mixtures
8						1.1				SC Clayey Sands, Sand - Clay Mixtures
9						1.4			Tan FC sand Dry no o/s	ML Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
10						2.2				CL Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
11						2.4			Tan FC sand w/ some gravel	OL Organic Silts and Organic Silty Clays of Low Plasticity
12						0.3			Tan FC sand dry no o/s	MH Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
13						1.1			Tan FC sand dry no o/s	CH Inorganic class of High Plasticity
14						1.8				OH Organic Clays of Medium to High Plasticity, Organic Silts
15						1.2			Tan FC sand dry no o/s	PT Peat, Humus, Swamp Soils with High Organic Contents
16						0.0			Tan FC sand w/ some gravel dry no o/s	FILL Fill Material
17						0.0				
18						7.3			Tan FC sand dry	
19						1.1			Tan FC sand wet w/ some gravel	
20						2.1				
						1.3				

SB-4 (1-2) @ 12:40 11.2 ppm

SB-4 (17-18) @ 12:55 2.3 ppm

Monitoring Well Construction Details

Monitoring Well ID: MW-2

Depth (ft.): 20

Dia. (in.): 1" 4" dia

Well Material: Schedule 40 PVC

Screen Slot Size: 0.020

Screen Interval: 10-20

Riser Interval: 0-10

Depth/Type Pack: #2 Filter Sand /

Depth/Type Seal: Grout /

Backfill Over Seal: Concrete

Surface Seal: Concrete

Well Endcap: 2" Slip Cap

Well Cap: 4" Gripper Cap

Manhole: 4" F/M Bolt-down

MW-2 installed GW @ 18.12A
VP-2 installed adjacent to SB-4



PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax: (516) 213-8156PROJECT: 2140 Mott Avenue,
Far Rockaway, NY
LOCATION:
DATE: 8/16/23
PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: ~~SB-5~~ SB-5

SHEET OF Basement Grade (27' below street grade)

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 8/16/23

FINISH DATE: 8/16/23

SAMPLING METHOD: hand auger/macrocore

LOGGED BY: Chris Zuercher

MEASURING POINT ELEVATION:

DRILLING CO.: Coastal

DRILLERS NAME: Mike

DRILLING METHOD AND RIG TYPE: hand auger + Slap Hammer

DEPTH (FT)	WELL DIAGRAM	SAMPLE			COLLECTIO N TIME	GRAPHIC LOG	MATERIAL DESCRIPTION	UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART		
		DEPTH (FT)	REC. (IN.)	BLOWS/6 IN.	PID (PPM)					
1					0.0		Concrete cap 1.5" (rat-slab)	GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines	
2					0.1		Tan FC sand dry no o/s	GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines	
3					0.0		Tan FC sand dry no o/s	GM	Silty Gravels, Gravel - Sand - Silt Mixtures	
4					0.0			GC	Clayey Gravels, Gravel- Sand- Clay Mixtures	
5					0.0		Tan FC sand dry no o/s	SW	Well-Graded Sands, Gravelly Sands, Little or No Fines	
6					0.0			SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines	
7					0.0		Tan FC sand dry no o/s	SM	Silty Sands, Sand - Silt Mixtures	
8					0.0			SC	Clayey Sands, Sand - Clay Mixtures	
9					0.0		Tan FC sand dry no o/s	ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity	
10					—		stopped sampling soil - Drove drop point to 14' below basement grade for well install refusal @ 9.5'	CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays	
11								OL	Organic Silts and Organic Silty Clays of Low Plasticity	
12								MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands	
13								CH	Inorganic class of High Plasticity	
14								OH	Organic Clays of Medium to High Plasticity, Organic Silts	
15								PT	Peat, Humus, Swamp Soils with High Organic Contents	
16								FILL	Fill Material	
17								Monitoring Well Construction Details		
18								Monitoring Well ID:		
19								Depth (ft.):		
20								Dia. (in.): 2-inch		
								Well Material: Schedule 40 PVC		
								Screen Slot Size: 0.020		
								Screen Interval:		
								Riser Interval:		
								Depth/Type Pack: #2 Filter Sand /		
								Depth/Type Seal: Grout /		
								Backfill Over Seal: Concrete		
								Surface Seal: Concrete		
								Well Endcap: 2" Slip Cap		
								Well Cap: 2" Gripper Cap		
								Manhole: 4" F/M Bolt-down		

SB-5(1-2') collected @ 9:50

SB-5(8-9') collected @ 10:05

Unable to install well



PREFERRED ENVIRONMENTAL SERVICES

323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax: (516) 213-8156

PROJECT: 2140 Mott Ave
Far Rockaway, NY
LOCATION:
DATE: 8/16/23
PROJECT NO.:

SOIL BORING LOG

Soil Boring ID: SB-6 / MW-3

SHEET OF

GPS Coordinates:

GROUND SURFACE ELEVATION:

START DATE: 8/16/23

FINISH DATE: 8/16/23

SAMPLING METHOD:

Hand Auger

LOGGED BY: Chris Zuercher

MEASURING POINT ELEVATION:

DRILLING CO.: Coastal

DRILLERS NAME: Mike

DRILLING METHOD AND RIG TYPE:

Hand Auger

DEPTH (FT)	WELL DIAGRAM	SAMPLE			COLLECTIO N TIME	GRAPHIC LOG	MATERIAL DESCRIPTION	UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART		
		DEPTH (FT)	REC. (IN.)	BLOWS/6 IN.	PID (PPM)					
1					0.0		Concrete cap ~ 2" thick		GW	Well-Graded Gravels, Gravel - Sand Mixtures, Little or No Fines
2					0.5		Tan FC sand dry no/s		GP	Poorly-Graded Gravels, Gravel- Sand Mixtures, Little or No Fines
3					0.1		Tan FC sand dry no/s		GM	Silty Gravels, Gravel - Sand - Silt Mixtures
4					0.0				GC	Clayey Gravels, Gravel- Sand - Clay Mixtures
5					0.0		Tan FC sand Dry no/s		SW	Well-Graded Sands, Gravelly Sands, Little or No Fines
6					0.0				SP	Poorly-Graded Sands, Gravelly Sand, Little or no Fines
7					0.0		Tan FC sand Damp no/s		SM	Silty Sands, Sand - Silt Mixtures
8					0.0				SC	Clayey Sands, Sand - Clay Mixtures
9					0.0		Tan FC sand Dry no/s		ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity
10					0.0				CL	Inorganic Clays of Low Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays
11					0.0		Tan FC sand w/ cobble + red (brick?)		OL	Organic Silts and Organic Silty Clays of Low Plasticity
12					0.0		Tan FC sand wet @ 11' by 1		MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Sands
13					0.0		Tan FC sand		CH	Inorganic class of High Plasticity
14							- unable to hand auger further due to collapse @ bottom		OH	Organic Clays of Medium to High Plasticity, Organic Silts
15							- installed MW-3		PT	Peat, Humus, Swamp Soils with High Organic Contents
16									FILL	Fill Material
17										
18										
19										
20										

SB-6(1-2) @ 11:00 (0.5 ppm)

SB-6(8-9) @ 11:15 (0.0 ppm)

Monitoring Well Construction Details

Monitoring Well ID: MW-3

Depth (ft.):

Dia. (in.): 1" NPT

Well Material: Schedule 40 PVC

Screen Slot Size: 0.020

Screen Interval: 0'

Riser Interval: -

Depth/Type Pack: #2 Filter Sand /

Depth/Type Seal: Grout /

Backfill Over Seal: Concrete

Surface Seal: Concrete

Well Endcap: 2" Slip Cap

Well Cap: 1" Gripper Cap

Manhole: 4" F/M Bolt-down

Installed MW-3 in SB-6

VP-3 installed adjacent to SB-6

**FIELD OBSERVATION LOG
GROUNDWATER SAMPLING RECORD**

SITE 2140 Matte Avenue, Far Rockaway, NY DATE 8/17/23

SAMPLE ID: MW-1
WELL ID: MW-1
SAMPLERS: C7
DT

Time On-site: 3:00

Time Off-site: _____

Depth of well (from top of casing) 20'
Initial static water level (from top of casing) 18.71

Time: 8:20
Time: 8:20

Purging Method

Airlift _____ Centrifugal _____
Bailer _____ Pos. Displ. _____
Submersible _____ Disposable _____
Pump _____ Bladder Pump _____
peristaltic pump (Low Flow)

Well Volume Calculation:

2 in. casing: _____ ft. of water x 0.16 = _____ gallons
3 in. casing: _____ ft. of water x 0.36 = _____ gallons
4 in. casing: _____ ft. of water x 0.65 = _____ gallons
1"

volume of water removed: _____

2 gal gal.

>3 volumes: yes X

no _____

purged dry? yes X

no X

Field Tests

Volume of Purge Water (in ml)	pH	Temp (°C)	Spec. Cond. (ms/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	ORP (mv)
<u>0ml</u>	<u>8.04</u>	<u>23.50</u>	<u>0.362</u>	<u>1000</u>	<u>5.74</u>	<u>-140</u>
<u>1000ml</u>	<u>7.27</u>	<u>20.10</u>	<u>0.345</u>	<u>943</u>	<u>7.33</u>	<u>-76</u>
<u>2000ml</u>	<u>6.62</u>	<u>19.03</u>	<u>0.353</u>	<u>425</u>	<u>7.47</u>	<u>-48</u>
<u>3000 ml</u>	<u>6.59</u>	<u>19.03</u>	<u>0.356</u>	<u>129</u>	<u>7.49</u>	<u>-40</u>
<u>4000ml</u>	<u>6.54</u>	<u>19.28</u>	<u>0.361</u>	<u>23</u>	<u>7.60</u>	<u>-25</u>
<u>5000ml</u>	<u>6.54</u>	<u>19.32</u>	<u>0.361</u>	<u>19</u>	<u>7.61</u>	<u>-33</u>
<u>SAMPLED</u>						

Sampling

Time of Sample Collection: 9:10

Method:

Stainless steel bailer _____
X Teflon bailer _____
Pos. Disp. Pump _____
Disposable bailer _____
Dedicated pump _____
Other: Disposable _____
Bladder Pump _____
(Low Flow)

Analyses:

TCL VOCs 602 _____ 503 _____ Other _____
TCL SVOCs _____
Target Analyte List Metals _____
Alkalinity _____

Observations

Weather/Temperature: 76°F overcast

Sample description: clear GW sample

Free Product? yes _____ no X describe _____
Sheen? yes _____ no X describe _____
Odor? yes _____ no X describe _____

Comments:

PID in well : 22.2 ppm

SITE 21-40 Mott Avenue, Far Rockaway, NY DATE 8/17/23

Prd: 25.0 pps

FIELD OBSERVATION LOG GROUNDWATER SAMPLING RECORD

SITE 21-40 Mott Avenue DATE 8/17/23

SAMPLE ID: MW-3

WELL ID: MW-3

SAMPLERS: DT
CR

Time On-site: _____

Time Off-site: _____

Depth of well (from top of casing) 9.95
Initial static water level (from top of casing) 10.44

Time: _____

Time: _____

Purging Method

Airlift _____ Centrifugal _____
Bailer _____ Pos. Displ. _____
Submersible _____ Disposable _____
Pump _____ Bladder Pump _____
(Low Flow)

Well Volume Calculation:

2 in. casing: _____ ft. of water x 0.16 = _____ gallons
3 in. casing: _____ ft. of water x 0.36 = _____ gallons
4 in. casing: _____ ft. of water x 0.65 = _____ gallons
1"

volume of water removed:
5.25 gal.

>3 volumes: yes _____ no X purged dry? yes X no _____

Field Tests

Volume of Purge Water (in ml)	pH	Temp (°C)	Spec. Cond. (ms/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/l)	ORP (mv)
<u>- attempted to purge w/ bailer but Dried up immediately</u>						
<u>- SAMPLED w/ BAILER</u>						

Sampling

Time of Sample Collection: 10:30

Method:

____ Stainless steel bailer
X Teflon bailer
____ Pos. Disp. Pump
____ Disposable bailer
____ Dedicated pump
____ Other: Disposable
Bladder Pump
(Low Flow)

Analyses:

____ TCL VOCs 602 _____ 503 _____ Other _____
____ TCL SVOCs
____ Target Analyte List Metals
____ Alkalinity

Observations

Weather/Temperature: 76°F overcast

Sample description: turbid Env Sample

Free Product? yes _____ no X describe _____
Sheen? yes _____ no X describe _____
Odor? yes _____ no X describe _____

Comments:

Attempted to purge but dried up immediately

Soil Vapor Sample Log Sheet	
Project Location and Job Number	21-40 Mott Avenue
Sample ID	VP-1
Date	8/17/23
Sample Type	IA SSV ☒ SG OA
Sample Depth/Height (ft)	6' bgs
Sampler ID	C2
Purge Start Time	7:00
Purge Finish time	7:10
Total Volume Purged	>3 volumes
Summa Canister Size	6L
Summa Canister ID	17353
Regulator Time	4 hr
Regulator ID	17176
Laboratory	York
Notes (i.e., In saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor collection	56 ppm
Helium Trace	☒ Y ☐ N
Helium Detector Make and Model ID	Tel edyne Mixchek
Helium detected (if yes at what concentration)	00.0
Analysis Requested	TD-15

Start END
 7:15 /-30 11:15 /-8

Soil Vapor Sample Log Sheet	
Project Location and Job Number	21-40 Mott Avenue
Sample ID	OA-1
Date	8/17/23
Sample Type	IA SSV SG (OA)
Sample Depth/Height (ft)	4' above grade
Sampler ID	C2
Purge Start Time	—
Purge Finish time	—
Total Volume Purged	—
Summa Canister Size	6L
Summa Canister ID	28305
Regulator Time	4 hr
Regulator ID	7095
Laboratory	York
Notes (i.e., in saturated soils, dry, sand/gravel, odors, etc.)	Dry
PID Screening after Soil Vapor collection	POS —
Helium Trace	Y (N)
Helium Detector Make and Model ID	—
Helium detected (if yes at what concentration)	—
Analysis Requested	TO-15

Start 7:18 / -30 END 11:18 / -6

Soil Vapor Sample Log Sheet	
Project Location and Job Number	21-40 Mott Ave
Sample ID	VP-2
Date	8/17/23
Sample Type	IA <u>(SV)</u> SG OA
Sample Depth/Height (ft)	2' below grade
Sampler ID	CZ
Purge Start Time	7:20
Purge Finish time	7:20
Total Volume Purged	> 3 volumes
Summa Canister Size	6 L
Summa Canister ID	41842 41842
Regulator Time	4 hr
Regulator ID	16419
Laboratory	York
Notes (i.e., in saturated soils, dry, sand/gravel, odors, etc.)	Dry
PID Screening after Soil Vapor collection	0.0
Helium Trace	<u>(Y)</u> N
Helium Detector Make and Model ID	Teledyne Mexchem
Helium detected (if yes at what concentration)	00.0
Analysis Requested	TD-15

start 7:25	end 11:15	start -30	end -3.5
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Soil Vapor Sample Log Sheet	
Project Location and Job Number	21-40 Mott Ave
Sample ID	IA-1
Date	8/17/23
Sample Type	(1A) SSV SG OA
Sample Depth/Height (ft)	5' above grade
Sampler ID	C2
Purge Start Time	—
Purge Finish time	—
Total Volume Purged	—
Summa Canister Size	6L
Summa Canister ID	23197
Regulator Time	4hr
Regulator ID	6865
Laboratory	York
Notes (i.e.. in saturated soils, dry, sand/gravel, odors, etc.)	Dry
PID Screening after Soil Vapor collection	—
Helium Trace	Y (N)
Helium Detector Make and Model ID	—
Helium detected (if yes at what concentration)	—
Analysis Requested	TD-15

Start 7:20/-30 END 11:20/-6

7

Soil Vapor Sample Log Sheet	
Project Location and Job Number	21-40 Matt Avenue
Sample ID	VP-3
Date	8/17/23
Sample Type	IA ☒ SSV ☐ SG ☐ OA
Sample Depth/Height (ft)	2" below slab
Sampler ID	C2
Purge Start Time	7:25
Purge Finish time	7:35
Total Volume Purged	>3 volumes
Summa Canister Size	6L
Summa Canister ID	34496
Regulator Time	4hr
Regulator ID	7421
Laboratory	Tark
Notes (i.e., in saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor collection	0.0
Helium Trace	☒ Y ☐ N
Helium Detector Make and Model ID	Teledyne Mixchek
Helium detected (if yes at what concentration)	00.0
Analysis Requested	TU-15

Start END
 7:42 / -30 11:42 / -7

Soil Vapor Sample Log Sheet	
Project Location and Job Number	21-40 Matt Avenue
Sample ID	IA-2
Date	8/17/23
Sample Type	☒ IA SSV SG OA
Sample Depth/Height (ft)	5' above grade
Sampler ID	C2
Purge Start Time	—
Purge Finish time	—
Total Volume Purged	—
Summa Canister Size	6L
Summa Canister ID	28857
Regulator Time	4hr
Regulator ID	17177
Laboratory	York
Notes (i.e., in saturated soils, dry, sand/gravel, odors, etc.)	dry
PID Screening after Soil Vapor collection	—
Helium Trace	Y ☒ N
Helium Detector Make and Model ID	—
Helium detected (if yes at what concentration)	—
Analysis Requested	TO-15

Start	END
7:40/-30	11:40/-8

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Chris Zwerner Date/Time Prepared 8/17/23 7:45

Preparer's Affiliation Preferred Environmental Services Phone No. 516-546-1100

Purpose of Investigation P Designation Site investigation

1. OCCUPANT:

Interviewed: Y ☒ N

Last Name: _____ First Name: _____

Address: 21-40 Mott Avenue, Far Rockaway, NY

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: Y ☒ N

Last Name: _____ First Name: Mitch

Address: _____

County: _____

Home Phone: 516 220-2148 Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

☒ Commercial/Multi-use
Other: Reli

If the property is residential, type? (Circle appropriate response)

<u>N/A</u> Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) Deli

Does it include residences (i.e., multi-use)? Y ☒ N ☐ If yes, how many? N/A

Other characteristics:

Number of floors 2 Building age _____

Is the building insulated? Y ☒ N ☐ How air tight? Tight / Average ☒ Not Tight ☐

1st Floor Basement

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

one small Door connecting basement to 1st Floor

Airflow near source

low air flow in Basement

Outdoor air infiltration

2 large Doors open at most times

Infiltration into air ducts

no air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y/N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: 7.5 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

several cracks in walls no cracks in floor

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation Space Heaters Electric baseboard	Heat pump Steam radiation Wood stove	Hot water baseboard Radiant floor Outdoor wood boiler	Other <u>wall mounted unit</u>
--	--	---	--------------------------------

The primary type of fuel used is:

Natural Gas <u>Electric</u> Wood	Fuel Oil Propane Coal	Kerosene Solar
--	-----------------------------	-------------------

Domestic hot water tank fueled by: electric

Boiler/furnace located in: Basement Outdoors Main Floor Other N/A

Air conditioning: Central Air Window units Open Windows None

Wall Unit

Are there air distribution ducts present?

Y / ☒ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

No Ducts N/A

7. OCCUPANCY

Is basement/lowest level occupied?

Full-time

Occasionally

Seldom

☒ Almost Never

Level

General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement

Utility rooms, minor storage

1st Floor

Deli: 24hr + storage in back of bldg

2nd Floor

3rd Floor

4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?

Y / ☒ N

b. Does the garage have a separate heating unit?

Y / N / ☒ NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)

Y / N / ☒ NA
Please specify _____

d. Has the building ever had a fire?

Y / ☒ N When? _____

e. Is a kerosene or unvented gas space heater present?

Y / ☒ N Where? _____

f. Is there a workshop or hobby/craft area?

Y / ☒ N Where & Type? _____

g. Is there smoking in the building?

Y / ☒ N How frequently? _____

h. Have cleaning products been used recently?

☒ Y / ☒ N When & Type? Floor + Deli mopped regularly (bleach + soap)

i. Have cosmetic products been used recently?

Y / ☒ N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y / ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? _____
- n. Is there a bathroom exhaust fan? Y ☒ N If yes, where vented? _____
- o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building? ☒ Y / ☐ N

If yes, please describe: Damp smell in basement, Cleaner smell in rear room

Do any of the building occupants use solvents at work? Y / ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y ☒ N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: _____

Is the system active or passive?

Active/Passive M/A

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

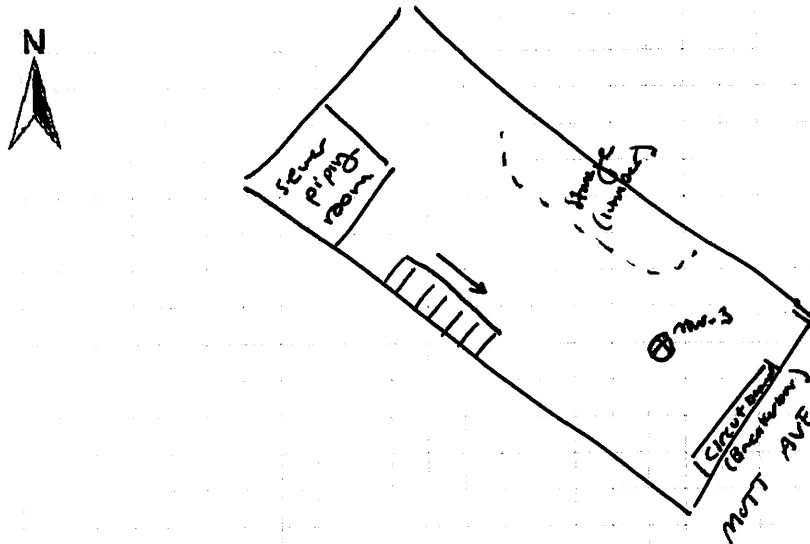
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

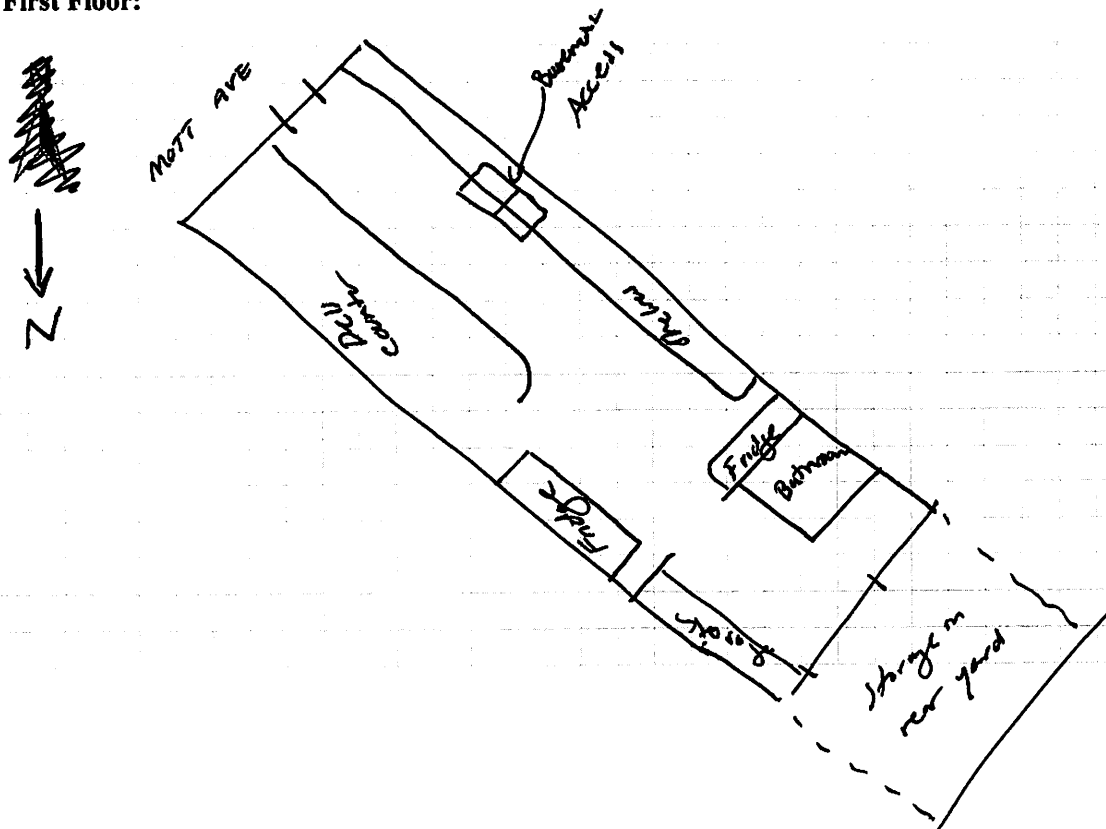
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



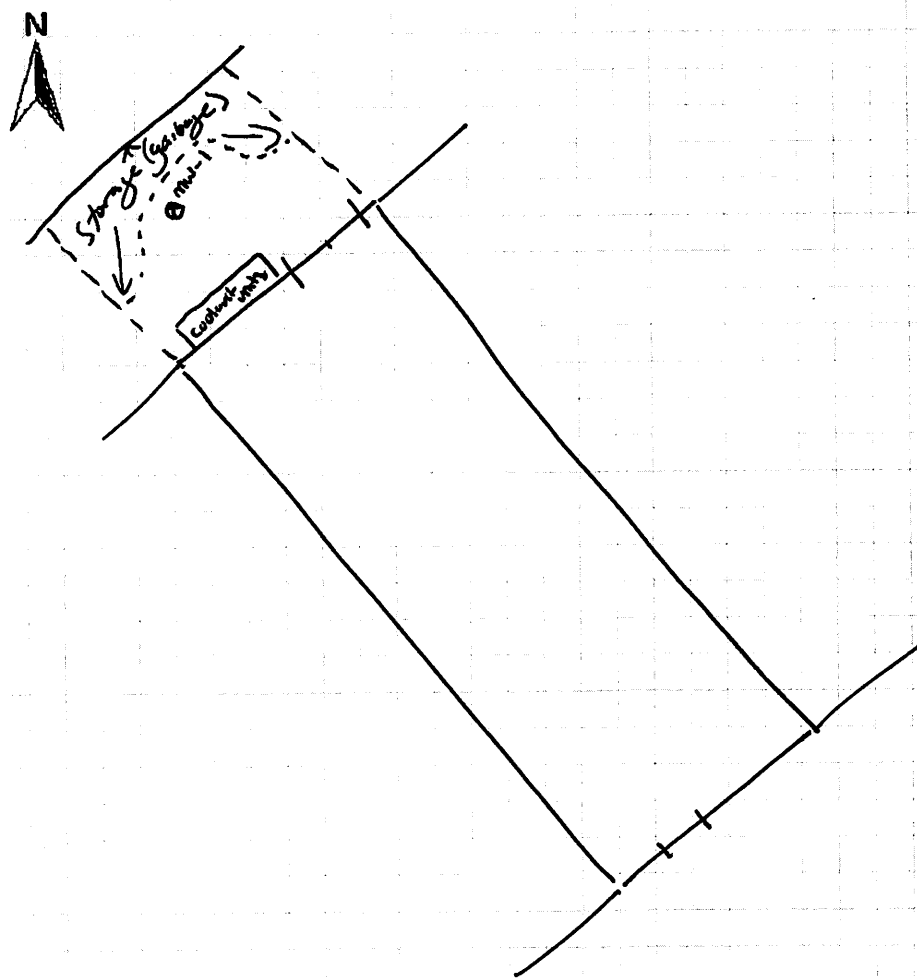
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



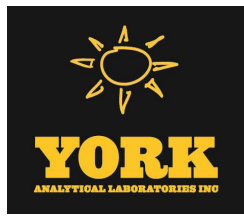
Make & Model of field instrument used: PID

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**



Technical Report

prepared for:

Preferred Env. Services

323 Merrick Ave

North Merrick NY, 11566

Attention: Bill Schlageter

Report Date: 08/28/2023

Client Project ID: 21-40 Mott Avenue for Rockaway, NY

York Project (SDG) No.: 23H1260

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: 08/28/2023
Client Project ID: 21-40 Mott Avenue for Rockaway, NY
York Project (SDG) No.: 23H1260

Preferred Env. Services

323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

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 August 16, 2023 and listed below. The project was identified as your project: **21-40 Mott Avenue for Rockaway, NY.**

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>
23H1260-01	SB-1 (2-3')	Soil	08/15/2023	08/16/2023
23H1260-02	SB-1 (17-18')	Soil	08/15/2023	08/16/2023
23H1260-03	SB-2 (0-2')	Soil	08/15/2023	08/16/2023
23H1260-04	SB-2 (9-10')	Soil	08/15/2023	08/16/2023
23H1260-05	SB-3 (10-11')	Soil	08/15/2023	08/16/2023
23H1260-06	SB-3 (17-18')	Soil	08/15/2023	08/16/2023
23H1260-07	SB-4 (1-2')	Soil	08/15/2023	08/16/2023
23H1260-08	SB-4 (17-18')	Soil	08/15/2023	08/16/2023

General Notes for York Project (SDG) No.: 23H1260

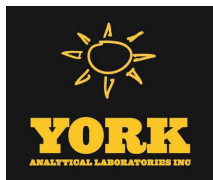
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 08/28/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: SB-1 (2-3')

York Sample ID: 23H1260-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:00 am

08/16/2023

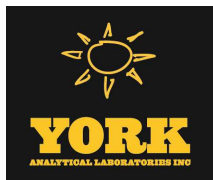
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS



Sample Information

Client Sample ID: SB-1 (2-3')

York Sample ID: 23H1260-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:00 am

08/16/2023

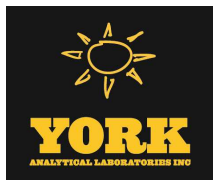
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 23:09	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 23:09	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 23:09	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 23:09	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 23:09	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 23:09	SS



Sample Information

Client Sample ID: SB-1 (2-3')

York Sample ID: 23H1260-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:00 am

08/16/2023

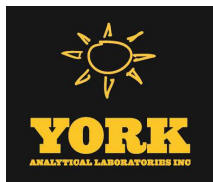
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
64-17-5	* Ethanol	ND		mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PAI			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PAI			



Sample Information

Client Sample ID: SB-1 (2-3')

York Sample ID: 23H1260-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:00 am

08/16/2023

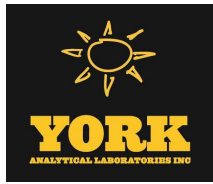
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.041	0.082	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
127-18-4	Tetrachloroethylene	0.028		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	08/25/2023 12:30	08/25/2023 23:09	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	76-130								



Sample Information

Client Sample ID: SB-1 (2-3')

York Sample ID: 23H1260-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:00 am

08/16/2023

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/22/2023 07:57	08/22/2023 15:50	PMB

Sample Information

Client Sample ID: SB-1 (17-18')

York Sample ID: 23H1260-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:15 am

08/16/2023

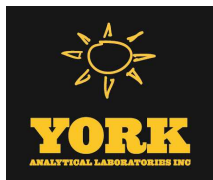
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:06	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:06	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:06	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:06	BMT
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:06	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT



Sample Information

Client Sample ID: SB-1 (17-18')

York Sample ID: 23H1260-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:15 am

08/16/2023

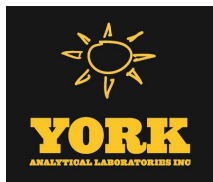
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
67-64-1	Acetone	0.0071	J	mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT



Sample Information

Client Sample ID: SB-1 (17-18')

York Sample ID: 23H1260-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:15 am

08/16/2023

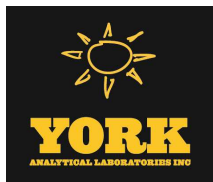
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
156-59-2	cis-1,2-Dichloroethylene	0.0043	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
64-17-5	* Ethanol	ND		mg/kg dry	0.038	0.075	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT



Sample Information

Client Sample ID: SB-1 (17-18')

York Sample ID: 23H1260-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 10:15 am

08/16/2023

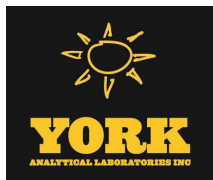
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0094	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.038	0.075	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0038	0.0075	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
127-18-4	Tetrachloroethylene	8.7		mg/kg dry	0.23	0.47	100	EPA 8260C Certifications:	08/28/2023 09:00	08/28/2023 14:19	BMT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:06	BMT



Sample Information

Client Sample ID: SB-1 (17-18')

York Sample ID: 23H1260-02

York Project (SDG) No.
23H1260

Client Project ID
21-40 Mott Avenue for Rockaway, NY

Matrix
Soil

Collection Date/Time
August 15, 2023 10:15 am

Date Received
08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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	0.0023	J	mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	08/27/2023 09:00	08/27/2023 14:06	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:06	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:06	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:06	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.4 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.1 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/22/2023 07:57	08/22/2023 15:50	PMB

Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 23H1260-03

York Project (SDG) No.
23H1260

Client Project ID
21-40 Mott Avenue for Rockaway, NY

Matrix
Soil

Collection Date/Time
August 15, 2023 9:00 am

Date Received
08/16/2023

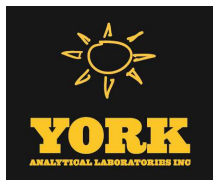
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 23H1260-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:00 am

08/16/2023

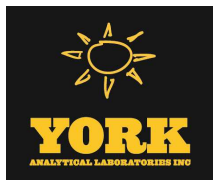
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 00:01	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:01	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 00:01	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:01	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:01	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 00:01	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:01	SS
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:01	SS



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 23H1260-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:00 am

08/16/2023

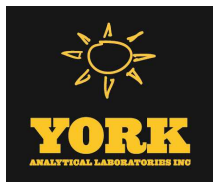
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
67-64-1	Acetone	0.0088	J	mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 23H1260-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:00 am

08/16/2023

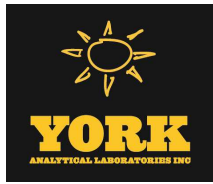
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
64-17-5	* Ethanol	ND		mg/kg dry	0.037	0.074	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 12:30	08/26/2023 00:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 23H1260-03

York Project (SDG) No.

23H1260

Client Project ID

21-40 Mott Avenue for Rockaway, NY

Matrix

Soil

Collection Date/Time

August 15, 2023 9:00 am

Date Received

08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.074	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
127-18-4	Tetrachloroethylene	0.21		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	08/25/2023 12:30	08/26/2023 00:01	SS
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:01	SS
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723	08/25/2023 12:30	08/26/2023 00:01	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 00:01	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 00:01	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 12:30	08/26/2023 00:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.8 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	76-130								

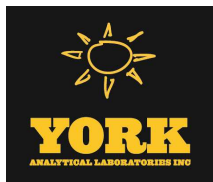
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/22/2023 07:57	08/22/2023 15:50	PMB



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 23H1260-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:00 am

08/16/2023

Sample Information

Client Sample ID: SB-2 (9-10')

York Sample ID: 23H1260-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:15 am

08/16/2023

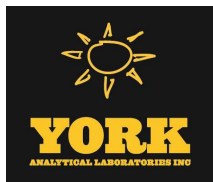
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 00:27	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 00:27	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS



Sample Information

Client Sample ID: SB-2 (9-10')

York Sample ID: 23H1260-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:15 am

08/16/2023

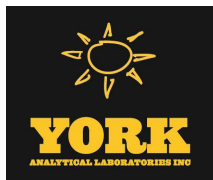
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 00:27	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 00:27	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 00:27	SS



Sample Information

Client Sample ID: SB-2 (9-10')

York Sample ID: 23H1260-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:15 am

08/16/2023

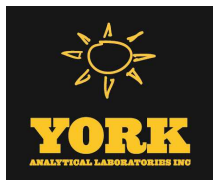
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
64-17-5	* Ethanol	ND		mg/kg dry	0.043	0.085	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
74-88-4	* Iodomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS



Sample Information

Client Sample ID: SB-2 (9-10')

York Sample ID: 23H1260-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 9:15 am

08/16/2023

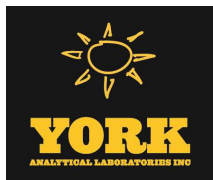
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.043	0.085	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
127-18-4	Tetrachloroethylene	0.012		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 00:27	SS



Sample Information

Client Sample ID: SB-2 (9-10')

York Sample ID: 23H1260-04

York Project (SDG) No.
23H1260

Client Project ID
21-40 Mott Avenue for Rockaway, NY

Matrix
Soil

Collection Date/Time
August 15, 2023 9:15 am

Date Received
08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 12:30	08/26/2023 00:27	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %									
2037-26-5	Surrogate: SURRE: Toluene-d8	98.2 %									
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %									

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/22/2023 07:57	08/22/2023 15:50	PMB

Sample Information

Client Sample ID: SB-3 (10-11')

York Sample ID: 23H1260-05

York Project (SDG) No.
23H1260

Client Project ID
21-40 Mott Avenue for Rockaway, NY

Matrix
Soil

Collection Date/Time
August 15, 2023 11:00 am

Date Received
08/16/2023

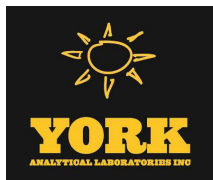
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:32	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT



Sample Information

Client Sample ID: SB-3 (10-11')

York Sample ID: 23H1260-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:00 am

08/16/2023

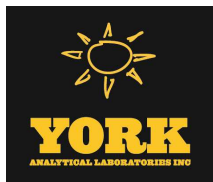
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:32	BMT
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:32	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0095	0.019	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT



Sample Information

Client Sample ID: SB-3 (10-11')

York Sample ID: 23H1260-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:00 am

08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.016	ICVE, QL-02	mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
64-17-5	* Ethanol	ND		mg/kg dry	0.038	0.076	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT



Sample Information

Client Sample ID: SB-3 (10-11')

York Sample ID: 23H1260-05

York Project (SDG) No.

23H1260

Client Project ID

21-40 Mott Avenue for Rockaway, NY

Matrix

Soil

Collection Date/Time

August 15, 2023 11:00 am

Date Received

08/16/2023

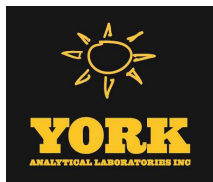
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
74-88-4	* Iodomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:32	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
91-20-3	Naphthalene	ND		mg/kg dry	0.0024	0.0095	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.038	0.076	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:32	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT



Sample Information

Client Sample ID: SB-3 (10-11')

York Sample ID: 23H1260-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:00 am

08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
127-18-4	Tetrachloroethylene	0.076	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723	08/27/2023 09:00	08/27/2023 14:32	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:32	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:32	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:32	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.6 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	97.2 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %	76-130								

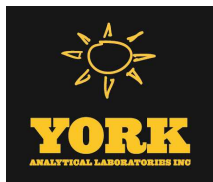
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.9		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/22/2023 07:57	08/22/2023 15:50	PMB



Sample Information

Client Sample ID: SB-3 (17-18')

York Sample ID: 23H1260-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:15 am

08/16/2023

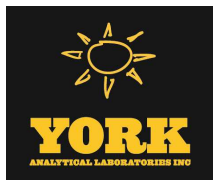
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 12:30	08/26/2023 01:19	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS



Sample Information

Client Sample ID: SB-3 (17-18')

York Sample ID: 23H1260-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:15 am

08/16/2023

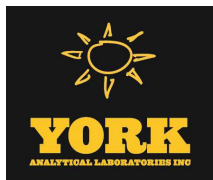
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 12:30	08/26/2023 01:19	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 01:19	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 01:19	SS



Sample Information

Client Sample ID: SB-3 (17-18')

York Sample ID: 23H1260-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:15 am

08/16/2023

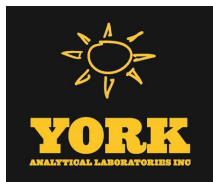
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 01:19	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
64-17-5	* Ethanol	ND		mg/kg dry	0.040	0.081	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 01:19	SS
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
74-88-4	* Iodomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 01:19	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 01:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 01:19	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 01:19	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0025	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 01:19	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 01:19	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 01:19	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/26/2023 01:19	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/26/2023 01:19	SS
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS



Sample Information

Client Sample ID: SB-3 (17-18')

York Sample ID: 23H1260-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:15 am

08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.040	0.081	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
127-18-4	Tetrachloroethylene	0.0085		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 01:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.7 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	76-130								

Total Solids

Log-in Notes:

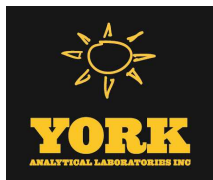
Sample Notes:

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@



Sample Information

Client Sample ID: SB-3 (17-18')

York Sample ID: 23H1260-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 11:15 am

08/16/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.9		%	0.100	1	SM 2540G	08/22/2023 07:57	08/22/2023 15:50	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB-4 (1-2')

York Sample ID: 23H1260-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:40 pm

08/16/2023

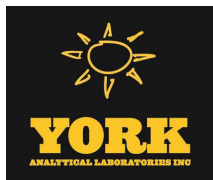
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:				
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C	08/27/2023 09:00	08/27/2023 14:58	BMT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			



Sample Information

Client Sample ID: SB-4 (1-2')

York Sample ID: 23H1260-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:40 pm

08/16/2023

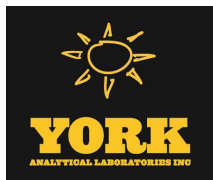
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
67-64-1	Acetone	0.011	ICVE, QL-02	mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT



Sample Information

Client Sample ID: SB-4 (1-2')

York Sample ID: 23H1260-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:40 pm

08/16/2023

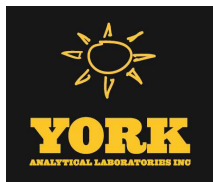
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
64-17-5	* Ethanol	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
74-88-4	* Iodomethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT



Sample Information

Client Sample ID: SB-4 (1-2')

York Sample ID: 23H1260-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:40 pm

08/16/2023

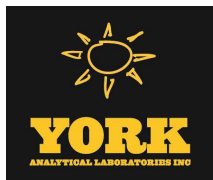
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:58	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
91-20-3	Naphthalene	ND		mg/kg dry	0.0027	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:58	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/27/2023 09:00	08/27/2023 14:58	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/27/2023 09:00	08/27/2023 14:58	BMT
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:58	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
127-18-4	Tetrachloroethylene	18		mg/kg dry	0.27	0.53	100	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/28/2023 09:00	08/28/2023 14:45	BMT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/27/2023 09:00	08/27/2023 14:58	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723	08/27/2023 09:00	08/27/2023 14:58	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT



Sample Information

Client Sample ID: SB-4 (1-2')

York Sample ID: 23H1260-07

York Project (SDG) No.
23H1260

Client Project ID
21-40 Mott Avenue for Rockaway, NY

Matrix
Soil

Collection Date/Time
August 15, 2023 12:40 pm

Date Received
08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2023 09:00	08/27/2023 14:58	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/27/2023 09:00	08/27/2023 14:58	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2023 09:00	08/27/2023 14:58	BMT
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.1 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	98.0 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %				76-130					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/22/2023 07:57	08/22/2023 15:50	PMB

Sample Information

Client Sample ID: SB-4 (17-18')

York Sample ID: 23H1260-08

York Project (SDG) No.
23H1260

Client Project ID
21-40 Mott Avenue for Rockaway, NY

Matrix
Soil

Collection Date/Time
August 15, 2023 12:55 pm

Date Received
08/16/2023

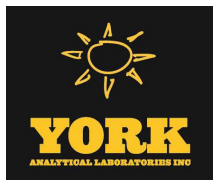
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 12:30	08/26/2023 02:10	SS



Sample Information

Client Sample ID: SB-4 (17-18')

York Sample ID: 23H1260-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:55 pm

08/16/2023

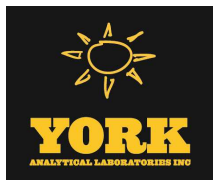
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 02:10	SS
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 02:10	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS



Sample Information

Client Sample ID: SB-4 (17-18')

York Sample ID: 23H1260-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:55 pm

08/16/2023

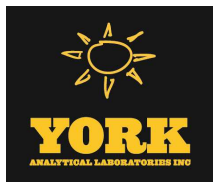
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 02:10	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 02:10	SS



Sample Information

Client Sample ID: SB-4 (17-18')

York Sample ID: 23H1260-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:55 pm

08/16/2023

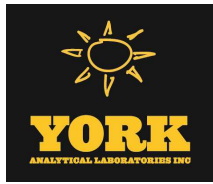
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 02:10	SS
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
64-17-5	* Ethanol	ND		mg/kg dry	0.033	0.067	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 02:10	SS
74-88-4	* Iodomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 02:10	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/25/2023 12:30	08/26/2023 02:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 02:10	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0021	0.0084	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 12:30	08/26/2023 02:10	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2023 12:30	08/26/2023 02:10	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2023 12:30	08/26/2023 02:10	SS
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 12:30	08/26/2023 02:10	SS



Sample Information

Client Sample ID: SB-4 (17-18')

York Sample ID: 23H1260-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1260

21-40 Mott Avenue for Rockaway, NY

Soil

August 15, 2023 12:55 pm

08/16/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.033	0.067	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
127-18-4	Tetrachloroethylene	0.0064		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	08/25/2023 12:30	08/26/2023 02:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.1 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	76-130								

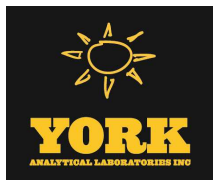
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	98.6		%	0.100	1	SM 2540G Certifications:	08/22/2023 07:57	08/22/2023 15:50	PMB
								CTDOH-PH-0723		



Analytical Batch Summary

Batch ID: BH31491 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
23H1260-01	SB-1 (2-3')	08/22/23
23H1260-02	SB-1 (17-18')	08/22/23
23H1260-03	SB-2 (0-2')	08/22/23
23H1260-04	SB-2 (9-10')	08/22/23
23H1260-05	SB-3 (10-11')	08/22/23
23H1260-06	SB-3 (17-18')	08/22/23
23H1260-07	SB-4 (1-2')	08/22/23
23H1260-08	SB-4 (17-18')	08/22/23
BH31491-DUP1	Duplicate	08/22/23

Batch ID: BH31815 **Preparation Method:** EPA 5035A **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
23H1260-01	SB-1 (2-3')	08/25/23
23H1260-03	SB-2 (0-2')	08/25/23
23H1260-04	SB-2 (9-10')	08/25/23
23H1260-06	SB-3 (17-18')	08/25/23
23H1260-08	SB-4 (17-18')	08/25/23
BH31815-BLK1	Blank	08/25/23
BH31815-BLK2	Blank	08/25/23
BH31815-BS1	LCS	08/25/23
BH31815-BSD1	LCS Dup	08/25/23

Batch ID: BH31870 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23H1260-02	SB-1 (17-18')	08/27/23
23H1260-05	SB-3 (10-11')	08/27/23
23H1260-07	SB-4 (1-2')	08/27/23
BH31870-BLK1	Blank	08/27/23
BH31870-BLK2	Blank	08/27/23
BH31870-BS1	LCS	08/27/23
BH31870-BSD1	LCS Dup	08/27/23

Batch ID: BH31887 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23H1260-02RE1	SB-1 (17-18')	08/28/23
23H1260-07RE1	SB-4 (1-2')	08/28/23
BH31887-BLK1	Blank	08/28/23
BH31887-BLK2	Blank	08/28/23
BH31887-BS1	LCS	08/28/23
BH31887-BSD1	LCS Dup	08/28/23





Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

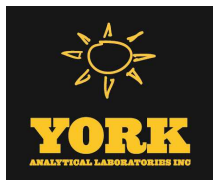
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31815 - EPA 5035A

Blank (BH31815-BLK1)

Prepared & Analyzed: 08/25/2023

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4,5-Tetramethylbenzene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chloroethylvinyl ether	ND	0.020	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

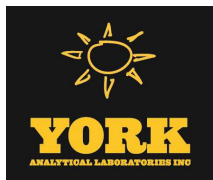
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31815 - EPA 5035A

Blank (BH31815-BLK1)

Prepared & Analyzed: 08/25/2023

Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	"								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	49.2		ug/L	50.0		98.4	77-125				
Surrogate: SURR: Toluene-d8	49.3		"	50.0		98.5	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.2		"	50.0		104	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

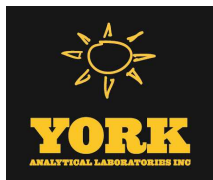
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31815 - EPA 5035A

Blank (BH31815-BLK2)

Prepared & Analyzed: 08/25/2023

1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4,5-Tetramethylbenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	10	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	0.50	"
2-Chloroethylvinyl ether	ND	2.0	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	1.0	"
Acrolein	ND	1.0	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"



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
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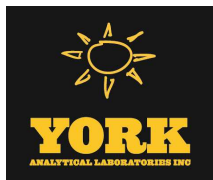
Batch BH31815 - EPA 5035A

Blank (BH31815-BLK2)

Prepared & Analyzed: 08/25/2023

Dichlorodifluoromethane	ND	0.50	mg/kg wet
Diisopropyl ether (DIPE)	ND	0.80	"
Ethanol	ND	8.0	"
Ethyl Benzene	ND	0.50	"
Ethyl tert-butyl ether (ETBE)	ND	0.80	"
Hexachlorobutadiene	ND	0.50	"
Iodomethane	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl Methacrylate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	1.0	"
Naphthalene	ND	1.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Diethylbenzene	ND	0.50	"
p-Ethyltoluene	ND	0.50	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Amyl alcohol (TAA)	ND	8.0	"
tert-Amyl methyl ether (TAME)	ND	0.80	"
tert-Butyl alcohol (TBA)	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Tetrahydrofuran	ND	1.0	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl acetate	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

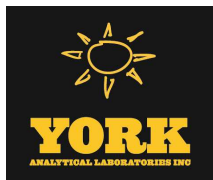
Surrogate: SURR: 1,2-Dichloroethane-d4	49.4	ug/L	50.0	98.9	77-125
Surrogate: SURR: Toluene-d8	49.1	"	50.0	98.3	85-120
Surrogate: SURR: p-Bromofluorobenzene	52.3	"	50.0	105	76-130



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 BH31815 - EPA 5035A											
LCS (BH31815-BS1)						Prepared & Analyzed: 08/25/2023					
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	49.3		"	50.0		98.6	71-137				
1,1,2,2-Tetrachloroethane	50.4		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.8		"	50.0		102	58-146				
1,1,2-Trichloroethane	49.3		"	50.0		98.7	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.6	75-130				
1,1-Dichloroethylene	47.9		"	50.0		95.9	64-137				
1,1-Dichloropropylene	46.0		"	50.0		92.1	77-127				
1,2,3-Trichlorobenzene	52.8		"	50.0		106	81-140				
1,2,3-Trichloropropane	50.8		"	50.0		102	81-126				
1,2,4,5-Tetramethylbenzene	56.1		"	50.0		112	63-156				
1,2,4-Trichlorobenzene	53.0		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	50.4		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	49.4		"	50.0		98.7	74-142				
1,2-Dibromoethane	52.7		"	50.0		105	86-123				
1,2-Dichlorobenzene	51.2		"	50.0		102	85-122				
1,2-Dichloroethane	50.1		"	50.0		100	71-133				
1,2-Dichloropropane	49.8		"	50.0		99.6	81-122				
1,3,5-Trimethylbenzene	49.7		"	50.0		99.4	82-126				
1,3-Dichlorobenzene	50.9		"	50.0		102	84-124				
1,3-Dichloropropane	50.0		"	50.0		99.9	83-123				
1,4-Dichlorobenzene	50.4		"	50.0		101	84-124				
1,4-Dioxane	3370		"	1050		321	10-228	High Bias			
2,2-Dichloropropane	47.8		"	50.0		95.6	67-136				
2-Butanone	51.8		"	50.0		104	58-147				
2-Chloroethylvinyl ether	52.3		"	50.0		105	10-166				
2-Chlorotoluene	49.6		"	50.0		99.3	78-127				
2-Hexanone	47.9		"	50.0		95.8	70-139				
4-Chlorotoluene	50.0		"	50.0		100	79-125				
4-Methyl-2-pentanone	49.8		"	50.0		99.5	72-132				
Acetone	108		"	50.0		217	36-155	High Bias			
Acrolein	53.4		"	125		42.7	10-238				
Acrylonitrile	51.7		"	50.0		103	66-141				
Benzene	49.4		"	50.0		98.8	77-127				
Bromobenzene	49.2		"	50.0		98.4	77-129				
Bromochloromethane	49.0		"	50.0		97.9	74-129				
Bromodichloromethane	48.3		"	50.0		96.6	81-124				
Bromoform	54.2		"	50.0		108	80-136				
Bromomethane	41.5		"	50.0		82.9	32-177				
Carbon disulfide	49.5		"	50.0		98.9	10-136				
Carbon tetrachloride	60.7		"	50.0		121	66-143				
Chlorobenzene	53.2		"	50.0		106	86-120				
Chloroethane	43.6		"	50.0		87.2	51-142				
Chloroform	50.1		"	50.0		100	76-131				
Chloromethane	42.1		"	50.0		84.2	49-132				
cis-1,2-Dichloroethylene	47.9		"	50.0		95.9	74-132				
cis-1,3-Dichloropropylene	47.8		"	50.0		95.5	81-129				
Cyclohexane	58.9		"	50.0		118	70-130				
Dibromochloromethane	51.1		"	50.0		102	10-200				
Dibromomethane	50.0		"	50.0		99.9	83-124				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

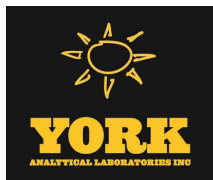
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31815 - EPA 5035A

LCS (BH31815-BS1)

Prepared & Analyzed: 08/25/2023

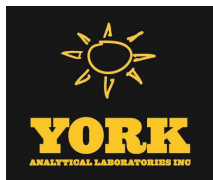
Dichlorodifluoromethane	33.2		ug/L	50.0		66.5	28-158				
Diisopropyl ether (DIPE)	52.9		"	50.0		106	70-130				
Ethanol	3.48	0.080	mg/kg wet				70-130				
Ethyl Benzene	49.4		ug/L	50.0		98.7	84-125				
Ethyl tert-butyl ether (ETBE)	52.9		"	50.0		106	70-130				
Hexachlorobutadiene	63.0		"	50.0		126	83-133				
Iodomethane	61.4		"	50.0		123	70-130				
Isopropylbenzene	51.3		"	50.0		103	81-127				
Methyl acetate	45.7		"	50.0		91.4	41-143				
Methyl Methacrylate	51.6		"	50.0		103	79-125				
Methyl tert-butyl ether (MTBE)	51.6		"	50.0		103	74-131				
Methylcyclohexane	60.0		"	50.0		120	70-130				
Methylene chloride	51.9		"	50.0		104	57-141				
Naphthalene	52.4		"	50.0		105	86-141				
n-Butylbenzene	49.6		"	50.0		99.2	80-130				
n-Propylbenzene	49.9		"	50.0		99.8	74-136				
o-Xylene	51.0		"	50.0		102	83-123				
p- & m- Xylenes	99.6		"	100		99.6	82-128				
p-Diethylbenzene	50.6		"	50.0		101	70-144				
p-Ethyltoluene	51.5		"	50.0		103	84-123				
p-Isopropyltoluene	50.5		"	50.0		101	85-125				
sec-Butylbenzene	51.0		"	50.0		102	83-125				
Styrene	52.4		"	50.0		105	86-126				
tert-Amyl alcohol (TAA)	539		"	500		108	70-130				
tert-Amyl methyl ether (TAME)	54.2		"	50.0		108	70-130				
tert-Butyl alcohol (TBA)	246		"	250		98.4	70-130				
tert-Butylbenzene	51.5		"	50.0		103	80-127				
Tetrachloroethylene	54.3		"	50.0		109	80-129				
Tetrahydrofuran	52.7		"	50.0		105	64-137				
Toluene	49.0		"	50.0		97.9	85-121				
trans-1,2-Dichloroethylene	48.3		"	50.0		96.5	72-132				
trans-1,3-Dichloropropylene	48.2		"	50.0		96.3	78-132				
trans-1,4-dichloro-2-butene	50.2		"	50.0		100	75-135				
Trichloroethylene	49.0		"	50.0		98.0	84-123				
Trichlorofluoromethane	45.2		"	50.0		90.5	62-140				
Vinyl acetate	43.8		"	50.0		87.6	67-136				
Vinyl Chloride	41.1		"	50.0		82.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	49.0		"	50.0		98.0	77-125				
Surrogate: SURR: Toluene-d8	49.3		"	50.0		98.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.3		"	50.0		98.5	76-130				



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 BH31815 - EPA 5035A											
LCS Dup (BH31815-BSD1)						Prepared & Analyzed: 08/25/2023					
1,1,1,2-Tetrachloroethane	53.0		ug/L	50.0		106	75-129		4.57	30	
1,1,1-Trichloroethane	53.6		"	50.0		107	71-137		8.39	30	
1,1,2,2-Tetrachloroethane	51.7		"	50.0		103	79-129		2.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.4		"	50.0		113	58-146		10.4	30	
1,1,2-Trichloroethane	51.6		"	50.0		103	83-123		4.50	30	
1,1-Dichloroethane	50.5		"	50.0		101	75-130		7.59	30	
1,1-Dichloroethylene	51.8		"	50.0		104	64-137		7.72	30	
1,1-Dichloropropylene	50.1		"	50.0		100	77-127		8.41	30	
1,2,3-Trichlorobenzene	55.4		"	50.0		111	81-140		4.92	30	
1,2,3-Trichloropropane	52.9		"	50.0		106	81-126		3.97	30	
1,2,4,5-Tetramethylbenzene	59.4		"	50.0		119	63-156		5.68	30	
1,2,4-Trichlorobenzene	56.3		"	50.0		113	80-141		6.04	30	
1,2,4-Trimethylbenzene	53.2		"	50.0		106	84-125		5.44	30	
1,2-Dibromo-3-chloropropane	51.8		"	50.0		104	74-142		4.79	30	
1,2-Dibromoethane	54.4		"	50.0		109	86-123		3.14	30	
1,2-Dichlorobenzene	53.5		"	50.0		107	85-122		4.39	30	
1,2-Dichloroethane	51.3		"	50.0		103	71-133		2.33	30	
1,2-Dichloropropane	52.3		"	50.0		105	81-122		4.95	30	
1,3,5-Trimethylbenzene	52.5		"	50.0		105	82-126		5.42	30	
1,3-Dichlorobenzene	53.5		"	50.0		107	84-124		5.10	30	
1,3-Dichloropropane	51.8		"	50.0		104	83-123		3.54	30	
1,4-Dichlorobenzene	53.2		"	50.0		106	84-124		5.35	30	
1,4-Dioxane	3610		"	1050		344	10-228	High Bias	6.68	30	
2,2-Dichloropropane	51.6		"	50.0		103	67-136		7.72	30	
2-Butanone	54.0		"	50.0		108	58-147		4.16	30	
2-Chloroethylvinyl ether	53.4		"	50.0		107	10-166		1.99	30	
2-Chlorotoluene	52.5		"	50.0		105	78-127		5.54	30	
2-Hexanone	48.7		"	50.0		97.4	70-139		1.66	30	
4-Chlorotoluene	53.0		"	50.0		106	79-125		5.80	30	
4-Methyl-2-pentanone	50.9		"	50.0		102	72-132		2.24	30	
Acetone	110		"	50.0		221	36-155	High Bias	1.95	30	
Acrolein	55.6		"	125		44.5	10-238		4.04	30	
Acrylonitrile	53.8		"	50.0		108	66-141		3.98	30	
Benzene	52.8		"	50.0		106	77-127		6.69	30	
Bromobenzene	51.3		"	50.0		103	77-129		4.16	30	
Bromochloromethane	51.6		"	50.0		103	74-129		5.17	30	
Bromodichloromethane	50.6		"	50.0		101	81-124		4.61	30	
Bromoform	55.8		"	50.0		112	80-136		2.82	30	
Bromomethane	44.6		"	50.0		89.3	32-177		7.36	30	
Carbon disulfide	53.2		"	50.0		106	10-136		7.38	30	
Carbon tetrachloride	64.8		"	50.0		130	66-143		6.58	30	
Chlorobenzene	56.1		"	50.0		112	86-120		5.25	30	
Chloroethane	47.4		"	50.0		94.8	51-142		8.40	30	
Chloroform	52.8		"	50.0		106	76-131		5.23	30	
Chloromethane	44.6		"	50.0		89.1	49-132		5.70	30	
cis-1,2-Dichloroethylene	51.9		"	50.0		104	74-132		7.86	30	
cis-1,3-Dichloropropylene	49.8		"	50.0		99.6	81-129		4.14	30	
Cyclohexane	64.1		"	50.0		128	70-130		8.54	30	
Dibromochloromethane	53.0		"	50.0		106	10-200		3.78	30	
Dibromomethane	51.2		"	50.0		102	83-124		2.53	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

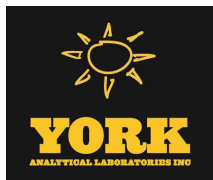
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31815 - EPA 5035A

LCS Dup (BH31815-BSD1)

Prepared & Analyzed: 08/25/2023

Dichlorodifluoromethane	34.6		ug/L	50.0		69.2	28-158		3.95	30	
Diisopropyl ether (DIPE)	55.7		"	50.0		111	70-130		5.27	30	
Ethanol	3.67	0.080	mg/kg wet				70-130		5.41	30	
Ethyl Benzene	52.7		ug/L	50.0		105	84-125		6.62	30	
Ethyl tert-butyl ether (ETBE)	55.5		"	50.0		111	70-130		4.72	30	
Hexachlorobutadiene	68.2		"	50.0		136	83-133	High Bias	7.96	30	
Iodomethane	66.1		"	50.0		132	70-130	High Bias	7.39	30	
Isopropylbenzene	55.2		"	50.0		110	81-127		7.23	30	
Methyl acetate	48.4		"	50.0		96.7	41-143		5.68	30	
Methyl Methacrylate	53.1		"	50.0		106	79-125		2.77	30	
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	74-131		5.34	30	
Methylcyclohexane	63.7		"	50.0		127	70-130		6.05	30	
Methylene chloride	55.3		"	50.0		111	57-141		6.21	30	
Naphthalene	54.3		"	50.0		109	86-141		3.45	30	
n-Butylbenzene	53.4		"	50.0		107	80-130		7.32	30	
n-Propylbenzene	53.2		"	50.0		106	74-136		6.40	30	
o-Xylene	53.9		"	50.0		108	83-123		5.51	30	
p- & m- Xylenes	105		"	100		105	82-128		5.56	30	
p-Diethylbenzene	54.0		"	50.0		108	70-144		6.62	30	
p-Ethyltoluene	54.9		"	50.0		110	84-123		6.41	30	
p-Isopropyltoluene	54.6		"	50.0		109	85-125		7.82	30	
sec-Butylbenzene	54.6		"	50.0		109	83-125		6.91	30	
Styrene	55.0		"	50.0		110	86-126		4.73	30	
tert-Amyl alcohol (TAA)	562		"	500		112	70-130		4.08	30	
tert-Amyl methyl ether (TAME)	56.0		"	50.0		112	70-130		3.32	30	
tert-Butyl alcohol (TBA)	262		"	250		105	70-130		6.22	30	
tert-Butylbenzene	55.2		"	50.0		110	80-127		7.01	30	
Tetrachloroethylene	57.5		"	50.0		115	80-129		5.71	30	
Tetrahydrofuran	55.7		"	50.0		111	64-137		5.53	30	
Toluene	51.5		"	50.0		103	85-121		5.08	30	
trans-1,2-Dichloroethylene	51.8		"	50.0		104	72-132		7.10	30	
trans-1,3-Dichloropropylene	49.6		"	50.0		99.2	78-132		2.97	30	
trans-1,4-dichloro-2-butene	51.9		"	50.0		104	75-135		3.35	30	
Trichloroethylene	52.6		"	50.0		105	84-123		7.03	30	
Trichlorofluoromethane	49.4		"	50.0		98.7	62-140		8.69	30	
Vinyl acetate	46.5		"	50.0		93.1	67-136		6.00	30	
Vinyl Chloride	44.2		"	50.0		88.4	52-130		7.31	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	48.8		"	50.0		97.5	77-125				
Surrogate: SURR: Toluene-d8	49.3		"	50.0		98.5	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.0		"	50.0		100	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

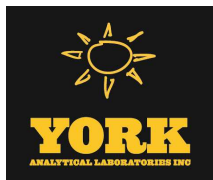
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31870 - EPA 5035A

Blank (BH31870-BLK1)

Prepared & Analyzed: 08/27/2023

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4,5-Tetramethylbenzene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chloroethylvinyl ether	ND	0.020	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"



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
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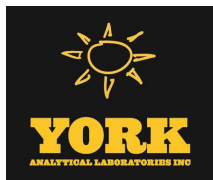
Batch BH31870 - EPA 5035A

Blank (BH31870-BLK1)

Prepared & Analyzed: 08/27/2023

Dichlorodifluoromethane	ND	0.0050	mg/kg wet
Diisopropyl ether (DIPE)	ND	0.0080	"
Ethanol	ND	0.080	"
Ethyl Benzene	ND	0.0050	"
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"
Hexachlorobutadiene	ND	0.0050	"
Iodomethane	ND	0.0050	"
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl Methacrylate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	ND	0.010	"
Naphthalene	ND	0.010	"
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Diethylbenzene	ND	0.0050	"
p-Ethyltoluene	ND	0.0050	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Amyl alcohol (TAA)	ND	0.080	"
tert-Amyl methyl ether (TAME)	ND	0.0080	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Tetrahydrofuran	ND	0.010	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
trans-1,4-dichloro-2-butene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl acetate	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	47.8	ug/L	50.0	95.7	77-125
Surrogate: SURR: Toluene-d8	48.6	"	50.0	97.2	85-120
Surrogate: SURR: p-Bromofluorobenzene	52.0	"	50.0	104	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

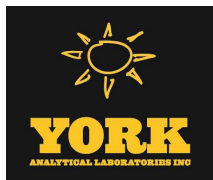
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31870 - EPA 5035A

Blank (BH31870-BLK2)

Prepared & Analyzed: 08/27/2023

1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4,5-Tetramethylbenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	10	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	0.50	"
2-Chloroethylvinyl ether	ND	2.0	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	1.0	"
Acrolein	ND	1.0	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"



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
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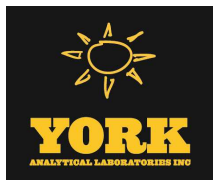
Batch BH31870 - EPA 5035A

Blank (BH31870-BLK2)

Prepared & Analyzed: 08/27/2023

Dichlorodifluoromethane	ND	0.50	mg/kg wet
Diisopropyl ether (DIPE)	ND	0.80	"
Ethanol	ND	8.0	"
Ethyl Benzene	ND	0.50	"
Ethyl tert-butyl ether (ETBE)	ND	0.80	"
Hexachlorobutadiene	ND	0.50	"
Iodomethane	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl Methacrylate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	1.0	"
Naphthalene	ND	1.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Diethylbenzene	ND	0.50	"
p-Ethyltoluene	ND	0.50	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Amyl alcohol (TAA)	ND	8.0	"
tert-Amyl methyl ether (TAME)	ND	0.80	"
tert-Butyl alcohol (TBA)	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Tetrahydrofuran	ND	1.0	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl acetate	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

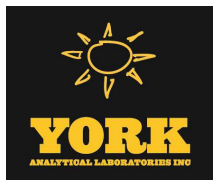
Surrogate: SURRE: 1,2-Dichloroethane-d4	48.6	ug/L	50.0	97.1	77-125
Surrogate: SURRE: Toluene-d8	48.7	"	50.0	97.5	85-120
Surrogate: SURRE: p-Bromofluorobenzene	50.8	"	50.0	102	76-130



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 BH31870 - EPA 5035A											
LCS (BH31870-BS1)						Prepared & Analyzed: 08/27/2023					
1,1,1,2-Tetrachloroethane	55.1		ug/L	50.0		110	75-129				
1,1,1-Trichloroethane	57.0		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	53.3		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.7		"	50.0		119	58-146				
1,1,2-Trichloroethane	53.6		"	50.0		107	83-123				
1,1-Dichloroethane	53.7		"	50.0		107	75-130				
1,1-Dichloroethylene	55.7		"	50.0		111	64-137				
1,1-Dichloropropylene	53.0		"	50.0		106	77-127				
1,2,3-Trichlorobenzene	59.2		"	50.0		118	81-140				
1,2,3-Trichloropropane	55.0		"	50.0		110	81-126				
1,2,4,5-Tetramethylbenzene	62.0		"	50.0		124	63-156				
1,2,4-Trichlorobenzene	59.5		"	50.0		119	80-141				
1,2,4-Trimethylbenzene	55.7		"	50.0		111	84-125				
1,2-Dibromo-3-chloropropane	53.9		"	50.0		108	74-142				
1,2-Dibromoethane	56.4		"	50.0		113	86-123				
1,2-Dichlorobenzene	56.5		"	50.0		113	85-122				
1,2-Dichloroethane	54.7		"	50.0		109	71-133				
1,2-Dichloropropane	54.2		"	50.0		108	81-122				
1,3,5-Trimethylbenzene	54.8		"	50.0		110	82-126				
1,3-Dichlorobenzene	56.5		"	50.0		113	84-124				
1,3-Dichloropropane	53.9		"	50.0		108	83-123				
1,4-Dichlorobenzene	55.9		"	50.0		112	84-124				
1,4-Dioxane	3630		"	1050		346	10-228	High Bias			
2,2-Dichloropropane	55.5		"	50.0		111	67-136				
2-Butanone	55.2		"	50.0		110	58-147				
2-Chloroethylvinyl ether	55.6		"	50.0		111	10-166				
2-Chlorotoluene	54.7		"	50.0		109	78-127				
2-Hexanone	50.4		"	50.0		101	70-139				
4-Chlorotoluene	55.5		"	50.0		111	79-125				
4-Methyl-2-pentanone	51.8		"	50.0		104	72-132				
Acetone	119		"	50.0		238	36-155	High Bias			
Acrolein	60.9		"	125		48.7	10-238				
Acrylonitrile	55.7		"	50.0		111	66-141				
Benzene	56.4		"	50.0		113	77-127				
Bromobenzene	53.7		"	50.0		107	77-129				
Bromochloromethane	54.6		"	50.0		109	74-129				
Bromodichloromethane	53.3		"	50.0		107	81-124				
Bromoform	59.4		"	50.0		119	80-136				
Bromomethane	47.3		"	50.0		94.6	32-177				
Carbon disulfide	57.8		"	50.0		116	10-136				
Carbon tetrachloride	68.0		"	50.0		136	66-143				
Chlorobenzene	58.9		"	50.0		118	86-120				
Chloroethane	50.2		"	50.0		100	51-142				
Chloroform	55.9		"	50.0		112	76-131				
Chloromethane	50.1		"	50.0		100	49-132				
cis-1,2-Dichloroethylene	54.0		"	50.0		108	74-132				
cis-1,3-Dichloropropylene	52.8		"	50.0		106	81-129				
Cyclohexane	66.5		"	50.0		133	70-130	High Bias			
Dibromochloromethane	55.3		"	50.0		111	10-200				
Dibromomethane	53.9		"	50.0		108	83-124				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

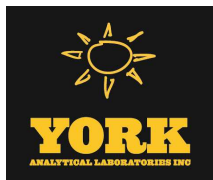
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31870 - EPA 5035A

LCS (BH31870-BS1)

Prepared & Analyzed: 08/27/2023

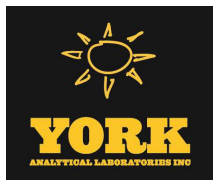
Dichlorodifluoromethane	40.4		ug/L	50.0		80.9	28-158				
Diisopropyl ether (DIPE)	57.6		"	50.0		115	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	55.2		ug/L	50.0		110	84-125				
Ethyl tert-butyl ether (ETBE)	58.2		"	50.0		116	70-130				
Hexachlorobutadiene	71.3		"	50.0		143	83-133	High Bias			
Iodomethane	70.1		"	50.0		140	70-130	High Bias			
Isopropylbenzene	57.1		"	50.0		114	81-127				
Methyl acetate	49.7		"	50.0		99.3	41-143				
Methyl Methacrylate	54.8		"	50.0		110	79-125				
Methyl tert-butyl ether (MTBE)	56.4		"	50.0		113	74-131				
Methylcyclohexane	66.0		"	50.0		132	70-130	High Bias			
Methylene chloride	58.6		"	50.0		117	57-141				
Naphthalene	57.0		"	50.0		114	86-141				
n-Butylbenzene	55.0		"	50.0		110	80-130				
n-Propylbenzene	55.5		"	50.0		111	74-136				
o-Xylene	56.5		"	50.0		113	83-123				
p- & m- Xylenes	111		"	100		111	82-128				
p-Diethylbenzene	56.1		"	50.0		112	70-144				
p-Ethyltoluene	57.0		"	50.0		114	84-123				
p-Isopropyltoluene	56.2		"	50.0		112	85-125				
sec-Butylbenzene	56.0		"	50.0		112	83-125				
Styrene	57.6		"	50.0		115	86-126				
tert-Amyl alcohol (TAA)	597		"	500		119	70-130				
tert-Amyl methyl ether (TAME)	59.4		"	50.0		119	70-130				
tert-Butyl alcohol (TBA)	272		"	250		109	70-130				
tert-Butylbenzene	56.9		"	50.0		114	80-127				
Tetrachloroethylene	60.3		"	50.0		121	80-129				
Tetrahydrofuran	58.9		"	50.0		118	64-137				
Toluene	54.4		"	50.0		109	85-121				
trans-1,2-Dichloroethylene	54.8		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	52.3		"	50.0		105	78-132				
trans-1,4-dichloro-2-butene	55.3		"	50.0		111	75-135				
Trichloroethylene	55.0		"	50.0		110	84-123				
Trichlorofluoromethane	52.2		"	50.0		104	62-140				
Vinyl acetate	49.9		"	50.0		99.9	67-136				
Vinyl Chloride	49.0		"	50.0		97.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.6		"	50.0		97.2	77-125				
Surrogate: SURR: Toluene-d8	48.8		"	50.0		97.7	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.3		"	50.0		98.5	76-130				



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 BH31870 - EPA 5035A											
LCS Dup (BH31870-BSD1)						Prepared & Analyzed: 08/27/2023					
1,1,1,2-Tetrachloroethane	57.4		ug/L	50.0		115	75-129		4.12	30	
1,1,1-Trichloroethane	57.6		"	50.0		115	71-137		1.05	30	
1,1,2,2-Tetrachloroethane	55.1		"	50.0		110	79-129		3.38	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.4		"	50.0		121	58-146		1.07	30	
1,1,2-Trichloroethane	55.2		"	50.0		110	83-123		2.90	30	
1,1-Dichloroethane	54.1		"	50.0		108	75-130		0.686	30	
1,1-Dichloroethylene	57.0		"	50.0		114	64-137		2.22	30	
1,1-Dichloropropylene	54.1		"	50.0		108	77-127		2.09	30	
1,2,3-Trichlorobenzene	59.1		"	50.0		118	81-140		0.152	30	
1,2,3-Trichloropropane	55.9		"	50.0		112	81-126		1.60	30	
1,2,4,5-Tetramethylbenzene	62.2		"	50.0		124	63-156		0.258	30	
1,2,4-Trichlorobenzene	60.0		"	50.0		120	80-141		0.720	30	
1,2,4-Trimethylbenzene	56.2		"	50.0		112	84-125		0.804	30	
1,2-Dibromo-3-chloropropane	56.4		"	50.0		113	74-142		4.57	30	
1,2-Dibromoethane	58.7		"	50.0		117	86-123		3.91	30	
1,2-Dichlorobenzene	57.0		"	50.0		114	85-122		0.829	30	
1,2-Dichloroethane	54.9		"	50.0		110	71-133		0.274	30	
1,2-Dichloropropane	55.5		"	50.0		111	81-122		2.33	30	
1,3,5-Trimethylbenzene	55.9		"	50.0		112	82-126		1.97	30	
1,3-Dichlorobenzene	57.3		"	50.0		115	84-124		1.44	30	
1,3-Dichloropropane	55.4		"	50.0		111	83-123		2.62	30	
1,4-Dichlorobenzene	56.5		"	50.0		113	84-124		1.09	30	
1,4-Dioxane	3900		"	1050		372	10-228	High Bias	7.26	30	
2,2-Dichloropropane	56.8		"	50.0		114	67-136		2.31	30	
2-Butanone	58.4		"	50.0		117	58-147		5.65	30	
2-Chloroethylvinyl ether	57.7		"	50.0		115	10-166		3.69	30	
2-Chlorotoluene	55.4		"	50.0		111	78-127		1.29	30	
2-Hexanone	53.4		"	50.0		107	70-139		5.80	30	
4-Chlorotoluene	55.9		"	50.0		112	79-125		0.736	30	
4-Methyl-2-pentanone	54.3		"	50.0		109	72-132		4.54	30	
Acetone	123		"	50.0		246	36-155	High Bias	3.31	30	
Acrolein	60.7		"	125		48.6	10-238		0.263	30	
Acrylonitrile	57.6		"	50.0		115	66-141		3.27	30	
Benzene	57.5		"	50.0		115	77-127		2.02	30	
Bromobenzene	53.9		"	50.0		108	77-129		0.390	30	
Bromochloromethane	55.1		"	50.0		110	74-129		1.02	30	
Bromodichloromethane	54.4		"	50.0		109	81-124		2.12	30	
Bromoform	61.2		"	50.0		122	80-136		3.02	30	
Bromomethane	49.9		"	50.0		99.7	32-177		5.31	30	
Carbon disulfide	59.3		"	50.0		119	10-136		2.42	30	
Carbon tetrachloride	69.8		"	50.0		140	66-143		2.71	30	
Chlorobenzene	60.2		"	50.0		120	86-120		2.10	30	
Chloroethane	52.4		"	50.0		105	51-142		4.19	30	
Chloroform	57.0		"	50.0		114	76-131		1.95	30	
Chloromethane	50.8		"	50.0		102	49-132		1.45	30	
cis-1,2-Dichloroethylene	55.7		"	50.0		111	74-132		3.16	30	
cis-1,3-Dichloropropylene	53.8		"	50.0		108	81-129		1.84	30	
Cyclohexane	67.9		"	50.0		136	70-130	High Bias	2.05	30	
Dibromochloromethane	56.9		"	50.0		114	10-200		2.91	30	
Dibromomethane	54.8		"	50.0		110	83-124		1.49	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

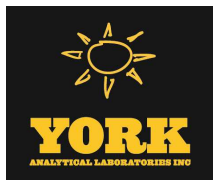
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31870 - EPA 5035A

LCS Dup (BH31870-BSD1)

Prepared & Analyzed: 08/27/2023

Dichlorodifluoromethane	41.5		ug/L	50.0		83.0	28-158		2.61	30	
Diisopropyl ether (DIPE)	58.9		"	50.0		118	70-130		2.28	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	56.3		ug/L	50.0		113	84-125		2.05	30	
Ethyl tert-butyl ether (ETBE)	59.6		"	50.0		119	70-130		2.36	30	
Hexachlorobutadiene	72.0		"	50.0		144	83-133	High Bias	1.02	30	
Iodomethane	73.1		"	50.0		146	70-130	High Bias	4.26	30	
Isopropylbenzene	58.0		"	50.0		116	81-127		1.48	30	
Methyl acetate	51.0		"	50.0		102	41-143		2.66	30	
Methyl Methacrylate	57.3		"	50.0		115	79-125		4.46	30	
Methyl tert-butyl ether (MTBE)	57.8		"	50.0		116	74-131		2.33	30	
Methylcyclohexane	67.6		"	50.0		135	70-130	High Bias	2.32	30	
Methylene chloride	59.4		"	50.0		119	57-141		1.41	30	
Naphthalene	57.5		"	50.0		115	86-141		0.890	30	
n-Butylbenzene	55.6		"	50.0		111	80-130		1.16	30	
n-Propylbenzene	56.1		"	50.0		112	74-136		1.09	30	
o-Xylene	57.6		"	50.0		115	83-123		1.98	30	
p- & m- Xylenes	113		"	100		113	82-128		1.50	30	
p-Diethylbenzene	56.3		"	50.0		113	70-144		0.320	30	
p-Ethyltoluene	57.6		"	50.0		115	84-123		1.13	30	
p-Isopropyltoluene	57.0		"	50.0		114	85-125		1.48	30	
sec-Butylbenzene	57.0		"	50.0		114	83-125		1.77	30	
Styrene	59.1		"	50.0		118	86-126		2.48	30	
tert-Amyl alcohol (TAA)	625		"	500		125	70-130		4.55	30	
tert-Amyl methyl ether (TAME)	60.6		"	50.0		121	70-130		1.83	30	
tert-Butyl alcohol (TBA)	292		"	250		117	70-130		6.78	30	
tert-Butylbenzene	57.9		"	50.0		116	80-127		1.73	30	
Tetrachloroethylene	62.6		"	50.0		125	80-129		3.66	30	
Tetrahydrofuran	59.7		"	50.0		119	64-137		1.35	30	
Toluene	55.4		"	50.0		111	85-121		1.84	30	
trans-1,2-Dichloroethylene	56.4		"	50.0		113	72-132		2.81	30	
trans-1,3-Dichloropropylene	53.5		"	50.0		107	78-132		2.34	30	
trans-1,4-dichloro-2-butene	55.3		"	50.0		111	75-135		0.0362	30	
Trichloroethylene	56.5		"	50.0		113	84-123		2.74	30	
Trichlorofluoromethane	54.0		"	50.0		108	62-140		3.46	30	
Vinyl acetate	53.7		"	50.0		107	67-136		7.33	30	
Vinyl Chloride	50.4		"	50.0		101	52-130		2.90	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	48.6		"	50.0		97.2	77-125				
Surrogate: SURR: Toluene-d8	48.9		"	50.0		97.9	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.1		"	50.0		98.2	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

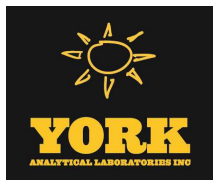
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31887 - EPA 5035A

Blank (BH31887-BLK1)

Prepared & Analyzed: 08/28/2023

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4,5-Tetramethylbenzene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chloroethylvinyl ether	ND	0.020	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"
Dibromomethane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

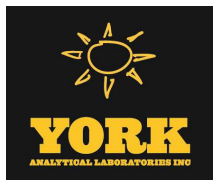
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31887 - EPA 5035A

Blank (BH31887-BLK1)

Prepared & Analyzed: 08/28/2023

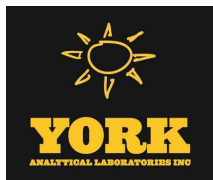
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0057	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	49.4		ug/L	50.0		98.8	77-125				
Surrogate: SURR: Toluene-d8	48.9		"	50.0		97.8	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.2		"	50.0		100	76-130				



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 BH31887 - EPA 5035A											
Blank (BH31887-BLK2)										Prepared & Analyzed: 08/28/2023	
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chloroethylvinyl ether	ND	2.0	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								



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
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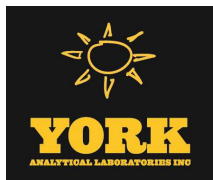
Batch BH31887 - EPA 5035A

Blank (BH31887-BLK2)

Prepared & Analyzed: 08/28/2023

Dichlorodifluoromethane	ND	0.50	mg/kg wet
Diisopropyl ether (DIPE)	ND	0.80	"
Ethanol	ND	8.0	"
Ethyl Benzene	ND	0.50	"
Ethyl tert-butyl ether (ETBE)	ND	0.80	"
Hexachlorobutadiene	ND	0.50	"
Iodomethane	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl Methacrylate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	0.56	1.0	"
Naphthalene	ND	1.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Diethylbenzene	ND	0.50	"
p-Ethyltoluene	ND	0.50	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Amyl alcohol (TAA)	ND	8.0	"
tert-Amyl methyl ether (TAME)	ND	0.80	"
tert-Butyl alcohol (TBA)	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Tetrahydrofuran	ND	1.0	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl acetate	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

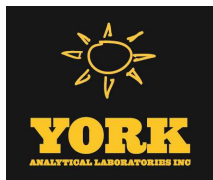
Surrogate: SURR: 1,2-Dichloroethane-d4	49.0	ug/L	50.0	97.9	77-125
Surrogate: SURR: Toluene-d8	48.7	"	50.0	97.4	85-120
Surrogate: SURR: p-Bromofluorobenzene	50.5	"	50.0	101	76-130



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 BH31887 - EPA 5035A											
LCS (BH31887-BS1)						Prepared & Analyzed: 08/28/2023					
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	53.2		"	50.0		106	71-137				
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.0		"	50.0		118	58-146				
1,1,2-Trichloroethane	49.9		"	50.0		99.7	83-123				
1,1-Dichloroethane	50.4		"	50.0		101	75-130				
1,1-Dichloroethylene	53.4		"	50.0		107	64-137				
1,1-Dichloropropylene	49.4		"	50.0		98.8	77-127				
1,2,3-Trichlorobenzene	52.3		"	50.0		105	81-140				
1,2,3-Trichloropropane	51.0		"	50.0		102	81-126				
1,2,4,5-Tetramethylbenzene	55.6		"	50.0		111	63-156				
1,2,4-Trichlorobenzene	52.5		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	48.8		"	50.0		97.5	74-142				
1,2-Dibromoethane	52.7		"	50.0		105	86-123				
1,2-Dichlorobenzene	51.1		"	50.0		102	85-122				
1,2-Dichloroethane	51.2		"	50.0		102	71-133				
1,2-Dichloropropane	50.7		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	49.4		"	50.0		98.8	82-126				
1,3-Dichlorobenzene	51.2		"	50.0		102	84-124				
1,3-Dichloropropane	50.1		"	50.0		100	83-123				
1,4-Dichlorobenzene	50.2		"	50.0		100	84-124				
1,4-Dioxane	3550		"	1050		339	10-228	High Bias			
2,2-Dichloropropane	51.9		"	50.0		104	67-136				
2-Butanone	55.1		"	50.0		110	58-147				
2-Chloroethylvinyl ether	52.4		"	50.0		105	10-166				
2-Chlorotoluene	50.0		"	50.0		99.9	78-127				
2-Hexanone	48.1		"	50.0		96.1	70-139				
4-Chlorotoluene	49.6		"	50.0		99.2	79-125				
4-Methyl-2-pentanone	49.8		"	50.0		99.5	72-132				
Acetone	117		"	50.0		234	36-155	High Bias			
Acrolein	58.1		"	125		46.5	10-238				
Acrylonitrile	53.2		"	50.0		106	66-141				
Benzene	52.5		"	50.0		105	77-127				
Bromobenzene	48.8		"	50.0		97.5	77-129				
Bromochloromethane	51.4		"	50.0		103	74-129				
Bromodichloromethane	48.9		"	50.0		97.8	81-124				
Bromoform	56.2		"	50.0		112	80-136				
Bromomethane	50.2		"	50.0		100	32-177				
Carbon disulfide	57.2		"	50.0		114	10-136				
Carbon tetrachloride	65.2		"	50.0		130	66-143				
Chlorobenzene	54.1		"	50.0		108	86-120				
Chloroethane	53.6		"	50.0		107	51-142				
Chloroform	52.3		"	50.0		105	76-131				
Chloromethane	55.4		"	50.0		111	49-132				
cis-1,2-Dichloroethylene	50.8		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	48.4		"	50.0		96.8	81-129				
Cyclohexane	64.8		"	50.0		130	70-130				
Dibromochloromethane	51.8		"	50.0		104	10-200				
Dibromomethane	50.2		"	50.0		100	83-124				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

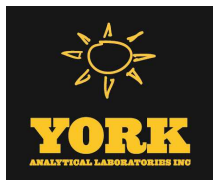
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31887 - EPA 5035A

LCS (BH31887-BS1)

Prepared & Analyzed: 08/28/2023

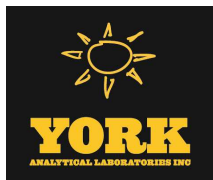
Dichlorodifluoromethane	57.3		ug/L	50.0		115	28-158				
Diisopropyl ether (DIPE)	53.7		"	50.0		107	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	50.7		ug/L	50.0		101	84-125				
Ethyl tert-butyl ether (ETBE)	54.1		"	50.0		108	70-130				
Hexachlorobutadiene	67.2		"	50.0		134	83-133	High Bias			
Iodomethane	68.3		"	50.0		137	70-130	High Bias			
Isopropylbenzene	51.8		"	50.0		104	81-127				
Methyl acetate	47.4		"	50.0		94.8	41-143				
Methyl Methacrylate	51.4		"	50.0		103	79-125				
Methyl tert-butyl ether (MTBE)	52.9		"	50.0		106	74-131				
Methylcyclohexane	63.3		"	50.0		127	70-130				
Methylene chloride	59.9		"	50.0		120	57-141				
Naphthalene	51.2		"	50.0		102	86-141				
n-Butylbenzene	49.6		"	50.0		99.1	80-130				
n-Propylbenzene	50.1		"	50.0		100	74-136				
o-Xylene	51.9		"	50.0		104	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
p-Diethylbenzene	50.8		"	50.0		102	70-144				
p-Ethyltoluene	52.1		"	50.0		104	84-123				
p-Isopropyltoluene	51.1		"	50.0		102	85-125				
sec-Butylbenzene	51.4		"	50.0		103	83-125				
Styrene	52.9		"	50.0		106	86-126				
tert-Amyl alcohol (TAA)	562		"	500		112	70-130				
tert-Amyl methyl ether (TAME)	55.5		"	50.0		111	70-130				
tert-Butyl alcohol (TBA)	254		"	250		102	70-130				
tert-Butylbenzene	52.0		"	50.0		104	80-127				
Tetrachloroethylene	56.7		"	50.0		113	80-129				
Tetrahydrofuran	54.0		"	50.0		108	64-137				
Toluene	50.2		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	52.0		"	50.0		104	72-132				
trans-1,3-Dichloropropylene	48.3		"	50.0		96.6	78-132				
trans-1,4-dichloro-2-butene	50.0		"	50.0		99.9	75-135				
Trichloroethylene	50.8		"	50.0		102	84-123				
Trichlorofluoromethane	54.8		"	50.0		110	62-140				
Vinyl acetate	48.9		"	50.0		97.8	67-136				
Vinyl Chloride	53.6		"	50.0		107	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.8		"	50.0		97.5	77-125				
Surrogate: SURR: Toluene-d8	48.8		"	50.0		97.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.6		"	50.0		97.2	76-130				



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 BH31887 - EPA 5035A											
LCS Dup (BH31887-BSD1)						Prepared & Analyzed: 08/28/2023					
1,1,1,2-Tetrachloroethane	53.3		ug/L	50.0		107	75-129		2.56	30	
1,1,1-Trichloroethane	54.5		"	50.0		109	71-137		2.41	30	
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129		3.24	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.6		"	50.0		121	58-146		2.56	30	
1,1,2-Trichloroethane	51.3		"	50.0		103	83-123		2.77	30	
1,1-Dichloroethane	51.5		"	50.0		103	75-130		2.06	30	
1,1-Dichloroethylene	55.8		"	50.0		112	64-137		4.54	30	
1,1-Dichloropropylene	51.4		"	50.0		103	77-127		3.89	30	
1,2,3-Trichlorobenzene	56.1		"	50.0		112	81-140		6.98	30	
1,2,3-Trichloropropane	52.6		"	50.0		105	81-126		3.05	30	
1,2,4,5-Tetramethylbenzene	59.2		"	50.0		118	63-156		6.29	30	
1,2,4-Trichlorobenzene	56.5		"	50.0		113	80-141		7.38	30	
1,2,4-Trimethylbenzene	53.6		"	50.0		107	84-125		6.73	30	
1,2-Dibromo-3-chloropropane	51.9		"	50.0		104	74-142		6.28	30	
1,2-Dibromoethane	53.8		"	50.0		108	86-123		1.99	30	
1,2-Dichlorobenzene	54.0		"	50.0		108	85-122		5.48	30	
1,2-Dichloroethane	51.2		"	50.0		102	71-133		0.00	30	
1,2-Dichloropropane	52.0		"	50.0		104	81-122		2.59	30	
1,3,5-Trimethylbenzene	52.7		"	50.0		105	82-126		6.43	30	
1,3-Dichlorobenzene	54.3		"	50.0		109	84-124		5.74	30	
1,3-Dichloropropane	51.2		"	50.0		102	83-123		2.17	30	
1,4-Dichlorobenzene	54.0		"	50.0		108	84-124		7.24	30	
1,4-Dioxane	3700		"	1050		353	10-228	High Bias	4.08	30	
2,2-Dichloropropane	52.8		"	50.0		106	67-136		1.76	30	
2-Butanone	55.2		"	50.0		110	58-147		0.218	30	
2-Chloroethylvinyl ether	53.5		"	50.0		107	10-166		2.10	30	
2-Chlorotoluene	52.4		"	50.0		105	78-127		4.81	30	
2-Hexanone	49.4		"	50.0		98.8	70-139		2.73	30	
4-Chlorotoluene	53.1		"	50.0		106	79-125		6.78	30	
4-Methyl-2-pentanone	50.5		"	50.0		101	72-132		1.58	30	
Acetone	116		"	50.0		231	36-155	High Bias	1.05	30	
Acrolein	58.9		"	125		47.1	10-238		1.33	30	
Acrylonitrile	54.6		"	50.0		109	66-141		2.63	30	
Benzene	53.9		"	50.0		108	77-127		2.65	30	
Bromobenzene	50.9		"	50.0		102	77-129		4.31	30	
Bromochloromethane	51.6		"	50.0		103	74-129		0.272	30	
Bromodichloromethane	50.2		"	50.0		100	81-124		2.50	30	
Bromoform	57.0		"	50.0		114	80-136		1.43	30	
Bromomethane	50.5		"	50.0		101	32-177		0.675	30	
Carbon disulfide	59.0		"	50.0		118	10-136		3.01	30	
Carbon tetrachloride	66.7		"	50.0		133	66-143		2.35	30	
Chlorobenzene	56.2		"	50.0		112	86-120		3.72	30	
Chloroethane	54.8		"	50.0		110	51-142		2.25	30	
Chloroform	53.8		"	50.0		108	76-131		2.75	30	
Chloromethane	56.0		"	50.0		112	49-132		1.02	30	
cis-1,2-Dichloroethylene	52.4		"	50.0		105	74-132		2.99	30	
cis-1,3-Dichloropropylene	50.1		"	50.0		100	81-129		3.51	30	
Cyclohexane	66.2		"	50.0		132	70-130	High Bias	2.24	30	
Dibromochloromethane	53.2		"	50.0		106	10-200		2.67	30	
Dibromomethane	51.5		"	50.0		103	83-124		2.42	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

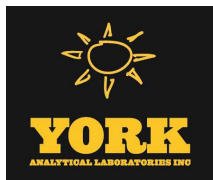
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31887 - EPA 5035A

LCS Dup (BH31887-BSD1)

Prepared & Analyzed: 08/28/2023

Dichlorodifluoromethane	57.0		ug/L	50.0		114	28-158		0.648	30	
Diisopropyl ether (DIPE)	55.2		"	50.0		110	70-130		2.70	30	
Ethanol	ND	0.080	mg/kg wet				70-130			30	
Ethyl Benzene	52.9		ug/L	50.0		106	84-125		4.22	30	
Ethyl tert-butyl ether (ETBE)	55.5		"	50.0		111	70-130		2.57	30	
Hexachlorobutadiene	70.4		"	50.0		141	83-133	High Bias	4.63	30	
Iodomethane	69.9		"	50.0		140	70-130	High Bias	2.21	30	
Isopropylbenzene	54.9		"	50.0		110	81-127		5.90	30	
Methyl acetate	48.0		"	50.0		95.9	41-143		1.13	30	
Methyl Methacrylate	52.2		"	50.0		104	79-125		1.47	30	
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	74-131		2.80	30	
Methylcyclohexane	65.1		"	50.0		130	70-130		2.79	30	
Methylene chloride	60.8		"	50.0		122	57-141		1.41	30	
Naphthalene	53.3		"	50.0		107	86-141		4.04	30	
n-Butylbenzene	53.3		"	50.0		107	80-130		7.31	30	
n-Propylbenzene	53.6		"	50.0		107	74-136		6.62	30	
o-Xylene	54.0		"	50.0		108	83-123		4.08	30	
p- & m- Xylenes	106		"	100		106	82-128		4.67	30	
p-Diethylbenzene	54.5		"	50.0		109	70-144		7.18	30	
p-Ethyltoluene	55.5		"	50.0		111	84-123		6.36	30	
p-Isopropyltoluene	54.8		"	50.0		110	85-125		7.10	30	
sec-Butylbenzene	54.6		"	50.0		109	83-125		6.11	30	
Styrene	55.3		"	50.0		111	86-126		4.40	30	
tert-Amyl alcohol (TAA)	568		"	500		114	70-130		1.17	30	
tert-Amyl methyl ether (TAME)	56.2		"	50.0		112	70-130		1.31	30	
tert-Butyl alcohol (TBA)	261		"	250		105	70-130		2.89	30	
tert-Butylbenzene	55.5		"	50.0		111	80-127		6.48	30	
Tetrachloroethylene	59.5		"	50.0		119	80-129		4.80	30	
Tetrahydrofuran	55.1		"	50.0		110	64-137		2.05	30	
Toluene	51.9		"	50.0		104	85-121		3.37	30	
trans-1,2-Dichloroethylene	53.4		"	50.0		107	72-132		2.67	30	
trans-1,3-Dichloropropylene	49.7		"	50.0		99.5	78-132		2.94	30	
trans-1,4-dichloro-2-butene	51.3		"	50.0		103	75-135		2.59	30	
Trichloroethylene	53.2		"	50.0		106	84-123		4.56	30	
Trichlorofluoromethane	57.4		"	50.0		115	62-140		4.74	30	
Vinyl acetate	48.2		"	50.0		96.4	67-136		1.46	30	
Vinyl Chloride	54.8		"	50.0		110	52-130		2.16	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	48.4		"	50.0		96.7	77-125				
Surrogate: SURR: Toluene-d8	48.8		"	50.0		97.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.4		"	50.0		98.7	76-130				



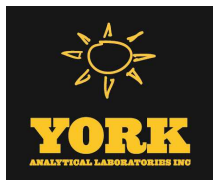
Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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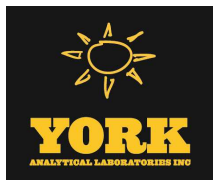
Batch BH31491 - % Solids Prep

Duplicate (BH31491-DUP1)		*Source sample: 23H1266-11 (Duplicate)						Prepared & Analyzed: 08/22/2023			
% Solids	96.0	0.100	%		95.4				0.672	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23H1260-01	SB-1 (2-3')	40mL Vial with Stir Bar-Cool 4° C
23H1260-02	SB-1 (17-18')	40mL Vial with Stir Bar-Cool 4° C
23H1260-03	SB-2 (0-2')	40mL Vial with Stir Bar-Cool 4° C
23H1260-04	SB-2 (9-10')	40mL Vial with Stir Bar-Cool 4° C
23H1260-05	SB-3 (10-11')	40mL Vial with Stir Bar-Cool 4° C
23H1260-06	SB-3 (17-18')	40mL Vial with Stir Bar-Cool 4° C
23H1260-07	SB-4 (1-2')	40mL Vial with Stir Bar-Cool 4° C
23H1260-08	SB-4 (17-18')	40mL Vial with Stir Bar-Cool 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

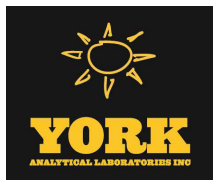
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration 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.

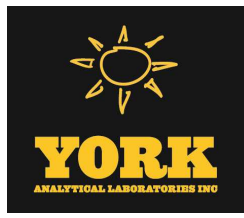
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

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.



Technical Report

prepared for:

Preferred Env. Services

323 Merrick Ave

North Merrick NY, 11566

Attention: Bill Schlageter

Report Date: 08/28/2023

Client Project ID: 21-40 Mott Avenue Far Rockaway, NY

York Project (SDG) No.: 23H1380

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: 08/28/2023
Client Project ID: 21-40 Mott Avenue Far Rockaway, NY
York Project (SDG) No.: 23H1380

Preferred Env. Services

323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

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 August 17, 2023 and listed below. The project was identified as your project: **21-40 Mott Avenue Far Rockaway, NY.**

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>
23H1380-01	SB-5 (1-2')	Soil	08/16/2023	08/17/2023
23H1380-02	SB-5 (8-9')	Soil	08/16/2023	08/17/2023
23H1380-03	SB-6 (1-2')	Soil	08/16/2023	08/17/2023
23H1380-04	SB-6 (8-9')	Soil	08/16/2023	08/17/2023

General Notes for York Project (SDG) No.: 23H1380

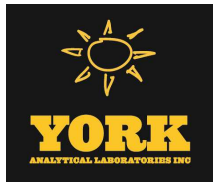
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 08/28/2023





Sample Information

Client Sample ID: SB-5 (1-2')

York Sample ID: 23H1380-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 9:50 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 09:00	08/26/2023 15:59	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 15:59	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 15:59	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 09:00	08/26/2023 15:59	BMT
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 15:59	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 15:59	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 15:59	BMT



Sample Information

Client Sample ID: SB-5 (1-2')

York Sample ID: 23H1380-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 9:50 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.089	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 15:59	BMT
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 15:59	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0089	0.018	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 15:59	BMT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 15:59	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 15:59	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 15:59	BMT



Sample Information

Client Sample ID: SB-5 (1-2')

York Sample ID: 23H1380-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 9:50 am

08/17/2023

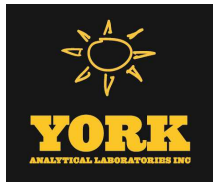
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
64-17-5	* Ethanol	ND		mg/kg dry	0.036	0.072	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
74-88-4	* Iodomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
75-09-2	Methylene chloride	0.0070	J	mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
91-20-3	Naphthalene	ND		mg/kg dry	0.0022	0.0089	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT



Sample Information

Client Sample ID: SB-5 (1-2')

York Sample ID: 23H1380-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 9:50 am

08/17/2023

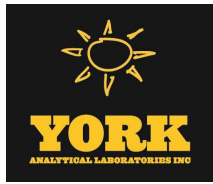
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.036	0.072	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 15:59	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	76-130								



Sample Information

Client Sample ID: SB-5 (1-2')

York Sample ID: 23H1380-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 9:50 am

08/17/2023

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.9		%	0.100	1	SM 2540G	08/24/2023 07:38	08/24/2023 15:58	sgs
Certifications: CTDOH-PH-0723										

Sample Information

Client Sample ID: SB-5 (8-9')

York Sample ID: 23H1380-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 10:05 am

08/17/2023

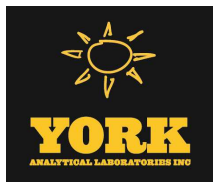
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 16:24	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:24	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:24	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 16:24	BMT
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:24	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:24	BMT



Sample Information

Client Sample ID: SB-5 (8-9')

York Sample ID: 23H1380-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 10:05 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT



Sample Information

Client Sample ID: SB-5 (8-9')

York Sample ID: 23H1380-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 10:05 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT



Sample Information

Client Sample ID: SB-5 (8-9')

York Sample ID: 23H1380-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 10:05 am

08/17/2023

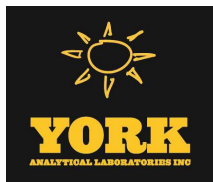
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.011	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:24	BMT



Sample Information

Client Sample ID: SB-5 (8-9')

York Sample ID: 23H1380-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 10:05 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:24	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:24	BMT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:24	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:24	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 09:00	08/26/2023 16:24	BMT
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	97.0 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %		76-130							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/24/2023 07:38	08/24/2023 15:58	sgs

Sample Information

Client Sample ID: SB-6 (1-2')

York Sample ID: 23H1380-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:00 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT



Sample Information

Client Sample ID: SB-6 (1-2')

York Sample ID: 23H1380-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:00 am

08/17/2023

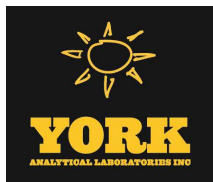
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 16:50	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:50	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:50	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 16:50	BMT
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:50	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:50	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.091	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:50	BMT
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 16:50	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 16:50	BMT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.0091	0.018	1	EPA 8260C Certifications:	08/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 16:50	BMT



Sample Information

Client Sample ID: SB-6 (1-2')

York Sample ID: 23H1380-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:00 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT



Sample Information

Client Sample ID: SB-6 (1-2')

York Sample ID: 23H1380-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:00 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
64-17-5	* Ethanol	ND		mg/kg dry	0.037	0.073	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
74-88-4	* Iodomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 09:00	08/26/2023 16:50	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
75-09-2	Methylene chloride	0.0059	J	mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	08/26/2023 09:00	08/26/2023 16:50	BMT
91-20-3	Naphthalene	ND		mg/kg dry	0.0023	0.0091	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT



Sample Information

Client Sample ID: SB-6 (1-2')

York Sample ID: 23H1380-03

York Project (SDG) No.

23H1380

Client Project ID

21-40 Mott Avenue Far Rockaway, NY

Matrix

Soil

Collection Date/Time

August 16, 2023 11:00 am

Date Received

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.037	0.073	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 16:50	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723	08/26/2023 09:00	08/26/2023 16:50	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 16:50	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 16:50	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 09:00	08/26/2023 16:50	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.9 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.1 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	76-130								

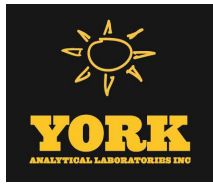
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/24/2023 07:38	08/24/2023 15:58	sgs



Sample Information

Client Sample ID: SB-6 (8-9')

York Sample ID: 23H1380-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:15 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT



Sample Information

Client Sample ID: SB-6 (8-9')

York Sample ID: 23H1380-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:15 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/26/2023 09:00	08/26/2023 17:16	BMT
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
110-75-8	2-Chloroethylvinyl ether	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 17:16	BMT
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 17:16	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/26/2023 09:00	08/26/2023 17:16	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/26/2023 09:00	08/26/2023 17:16	BMT



Sample Information

Client Sample ID: SB-6 (8-9')

York Sample ID: 23H1380-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:15 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
108-20-3	* Diisopropyl ether (DIPE)	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
64-17-5	* Ethanol	ND		mg/kg dry	0.042	0.083	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
637-92-3	* Ethyl tert-butyl ether (ETBE)	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
74-88-4	* Iodomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
91-20-3	Naphthalene	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
105-05-5	* p-Diethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT



Sample Information

Client Sample ID: SB-6 (8-9')

York Sample ID: 23H1380-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:15 am

08/17/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-85-4	* tert-Amyl alcohol (TAA)	ND		mg/kg dry	0.042	0.083	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
994-05-8	* tert-Amyl methyl ether (TAME)	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
109-99-9	* Tetrahydrofuran	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications:	08/26/2023 09:00	08/26/2023 17:16	BMT
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.6 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	97.6 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

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@



Sample Information

Client Sample ID: SB-6 (8-9')

York Sample ID: 23H1380-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1380

21-40 Mott Avenue Far Rockaway, NY

Soil

August 16, 2023 11:15 am

08/17/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.3		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	08/24/2023 07:38	08/24/2023 15:58	sgs



Analytical Batch Summary

Batch ID: BH31680 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23H1380-01	SB-5 (1-2')	08/24/23
23H1380-02	SB-5 (8-9')	08/24/23
23H1380-03	SB-6 (1-2')	08/24/23
23H1380-04	SB-6 (8-9')	08/24/23
BH31680-DUP1	Duplicate	08/24/23

Batch ID: BH31853 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
23H1380-01	SB-5 (1-2')	08/26/23
23H1380-02	SB-5 (8-9')	08/26/23
23H1380-03	SB-6 (1-2')	08/26/23
23H1380-04	SB-6 (8-9')	08/26/23
BH31853-BLK1	Blank	08/26/23
BH31853-BLK2	Blank	08/26/23
BH31853-BS1	LCS	08/26/23
BH31853-BSD1	LCS Dup	08/26/23



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
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Batch BH31853 - EPA 5035A

Blank (BH31853-BLK1)

Prepared & Analyzed: 08/26/2023

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4,5-Tetramethylbenzene	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chloroethylvinyl ether	ND	0.020	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"
Dibromochloromethane	ND	0.0050	"



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
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Batch BH31853 - EPA 5035A

Blank (BH31853-BLK1)

Prepared & Analyzed: 08/26/2023

Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	"								
Diisopropyl ether (DIPE)	ND	0.0080	"								
Ethanol	ND	0.080	"								
Ethyl Benzene	ND	0.0050	"								
Ethyl tert-butyl ether (ETBE)	ND	0.0080	"								
Hexachlorobutadiene	ND	0.0050	"								
Iodomethane	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Diethylbenzene	ND	0.0050	"								
p-Ethyltoluene	ND	0.0050	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Amyl alcohol (TAA)	ND	0.080	"								
tert-Amyl methyl ether (TAME)	ND	0.0080	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	48.9		ug/L	50.0		97.8	77-125				
Surrogate: SURR: Toluene-d8	49.0		"	50.0		98.0	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.7		"	50.0		103	76-130				



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
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Batch BH31853 - EPA 5035A

Blank (BH31853-BLK2)

Prepared & Analyzed: 08/26/2023

1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4,5-Tetramethylbenzene	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	10	"
2,2-Dichloropropane	ND	0.50	"
2-Butanone	ND	0.50	"
2-Chloroethylvinyl ether	ND	2.0	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	1.0	"
Acrolein	ND	1.0	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"



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
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Batch BH31853 - EPA 5035A

Blank (BH31853-BLK2)

Prepared & Analyzed: 08/26/2023

Dichlorodifluoromethane	ND	0.50	mg/kg wet
Diisopropyl ether (DIPE)	ND	0.80	"
Ethanol	ND	8.0	"
Ethyl Benzene	ND	0.50	"
Ethyl tert-butyl ether (ETBE)	ND	0.80	"
Hexachlorobutadiene	ND	0.50	"
Iodomethane	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl Methacrylate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	1.0	"
Naphthalene	ND	1.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Diethylbenzene	ND	0.50	"
p-Ethyltoluene	ND	0.50	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Amyl alcohol (TAA)	ND	8.0	"
tert-Amyl methyl ether (TAME)	ND	0.80	"
tert-Butyl alcohol (TBA)	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Tetrahydrofuran	ND	1.0	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl acetate	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: SURRE: 1,2-Dichloroethane-d4	48.8	ug/L	50.0	97.7	77-125
Surrogate: SURRE: Toluene-d8	49.2	"	50.0	98.4	85-120
Surrogate: SURRE: p-Bromofluorobenzene	52.0	"	50.0	104	76-130



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 BH31853 - EPA 5035A											
LCS (BH31853-BS1)						Prepared & Analyzed: 08/26/2023					
1,1,1,2-Tetrachloroethane	56.8		ug/L	50.0		114	75-129				
1,1,1-Trichloroethane	55.9		"	50.0		112	71-137				
1,1,2,2-Tetrachloroethane	53.5		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.1		"	50.0		120	58-146				
1,1,2-Trichloroethane	54.3		"	50.0		109	83-123				
1,1-Dichloroethane	53.4		"	50.0		107	75-130				
1,1-Dichloroethylene	55.9		"	50.0		112	64-137				
1,1-Dichloropropylene	52.4		"	50.0		105	77-127				
1,2,3-Trichlorobenzene	57.9		"	50.0		116	81-140				
1,2,3-Trichloropropane	53.7		"	50.0		107	81-126				
1,2,4,5-Tetramethylbenzene	62.4		"	50.0		125	63-156				
1,2,4-Trichlorobenzene	59.3		"	50.0		119	80-141				
1,2,4-Trimethylbenzene	56.4		"	50.0		113	84-125				
1,2-Dibromo-3-chloropropane	52.3		"	50.0		105	74-142				
1,2-Dibromoethane	56.8		"	50.0		114	86-123				
1,2-Dichlorobenzene	56.6		"	50.0		113	85-122				
1,2-Dichloroethane	54.3		"	50.0		109	71-133				
1,2-Dichloropropane	54.8		"	50.0		110	81-122				
1,3,5-Trimethylbenzene	55.0		"	50.0		110	82-126				
1,3-Dichlorobenzene	56.8		"	50.0		114	84-124				
1,3-Dichloropropane	54.2		"	50.0		108	83-123				
1,4-Dichlorobenzene	55.9		"	50.0		112	84-124				
1,4-Dioxane	3450		"	1050		329	10-228	High Bias			
2,2-Dichloropropane	55.4		"	50.0		111	67-136				
2-Butanone	53.0		"	50.0		106	58-147				
2-Chloroethylvinyl ether	56.1		"	50.0		112	10-166				
2-Chlorotoluene	56.0		"	50.0		112	78-127				
2-Hexanone	50.5		"	50.0		101	70-139				
4-Chlorotoluene	55.8		"	50.0		112	79-125				
4-Methyl-2-pentanone	50.9		"	50.0		102	72-132				
Acetone	116		"	50.0		231	36-155	High Bias			
Acrolein	58.4		"	125		46.7	10-238				
Acrylonitrile	53.8		"	50.0		108	66-141				
Benzene	56.0		"	50.0		112	77-127				
Bromobenzene	54.3		"	50.0		109	77-129				
Bromochloromethane	54.2		"	50.0		108	74-129				
Bromodichloromethane	53.3		"	50.0		107	81-124				
Bromoform	57.9		"	50.0		116	80-136				
Bromomethane	49.2		"	50.0		98.3	32-177				
Carbon disulfide	58.7		"	50.0		117	10-136				
Carbon tetrachloride	68.4		"	50.0		137	66-143				
Chlorobenzene	59.4		"	50.0		119	86-120				
Chloroethane	52.2		"	50.0		104	51-142				
Chloroform	55.9		"	50.0		112	76-131				
Chloromethane	51.9		"	50.0		104	49-132				
cis-1,2-Dichloroethylene	54.6		"	50.0		109	74-132				
cis-1,3-Dichloropropylene	53.4		"	50.0		107	81-129				
Cyclohexane	67.0		"	50.0		134	70-130	High Bias			
Dibromochloromethane	55.5		"	50.0		111	10-200				
Dibromomethane	54.4		"	50.0		109	83-124				



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
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Batch BH31853 - EPA 5035A

LCS (BH31853-BS1)

Prepared & Analyzed: 08/26/2023

Dichlorodifluoromethane	44.3		ug/L	50.0		88.6	28-158				
Diisopropyl ether (DIPE)	57.1		"	50.0		114	70-130				
Ethanol	ND	0.080	mg/kg wet				70-130				
Ethyl Benzene	55.9		ug/L	50.0		112	84-125				
Ethyl tert-butyl ether (ETBE)	57.0		"	50.0		114	70-130				
Hexachlorobutadiene	70.9		"	50.0		142	83-133	High Bias			
Iodomethane	70.1		"	50.0		140	70-130	High Bias			
Isopropylbenzene	57.5		"	50.0		115	81-127				
Methyl acetate	47.3		"	50.0		94.6	41-143				
Methyl Methacrylate	53.2		"	50.0		106	79-125				
Methyl tert-butyl ether (MTBE)	54.4		"	50.0		109	74-131				
Methylcyclohexane	66.6		"	50.0		133	70-130	High Bias			
Methylene chloride	60.7		"	50.0		121	57-141				
Naphthalene	56.0		"	50.0		112	86-141				
n-Butylbenzene	56.0		"	50.0		112	80-130				
n-Propylbenzene	56.0		"	50.0		112	74-136				
o-Xylene	57.5		"	50.0		115	83-123				
p- & m- Xylenes	112		"	100		112	82-128				
p-Diethylbenzene	56.7		"	50.0		113	70-144				
p-Ethyltoluene	57.9		"	50.0		116	84-123				
p-Isopropyltoluene	57.2		"	50.0		114	85-125				
sec-Butylbenzene	57.2		"	50.0		114	83-125				
Styrene	58.3		"	50.0		117	86-126				
tert-Amyl alcohol (TAA)	548		"	500		110	70-130				
tert-Amyl methyl ether (TAME)	57.2		"	50.0		114	70-130				
tert-Butyl alcohol (TBA)	247		"	250		98.8	70-130				
tert-Butylbenzene	57.4		"	50.0		115	80-127				
Tetrachloroethylene	60.8		"	50.0		122	80-129				
Tetrahydrofuran	54.0		"	50.0		108	64-137				
Toluene	54.9		"	50.0		110	85-121				
trans-1,2-Dichloroethylene	54.9		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	53.1		"	50.0		106	78-132				
trans-1,4-dichloro-2-butene	53.8		"	50.0		108	75-135				
Trichloroethylene	55.3		"	50.0		111	84-123				
Trichlorofluoromethane	52.8		"	50.0		106	62-140				
Vinyl acetate	52.3		"	50.0		105	67-136				
Vinyl Chloride	51.0		"	50.0		102	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.3		"	50.0		96.6	77-125				
Surrogate: SURR: Toluene-d8	49.2		"	50.0		98.4	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.3		"	50.0		98.6	76-130				



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 BH31853 - EPA 5035A											
LCS Dup (BH31853-BSD1)						Prepared & Analyzed: 08/26/2023					
1,1,1,2-Tetrachloroethane	56.4		ug/L	50.0		113	75-129		0.707	30	
1,1,1-Trichloroethane	56.6		"	50.0		113	71-137		1.17	30	
1,1,2,2-Tetrachloroethane	54.0		"	50.0		108	79-129		0.911	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.8		"	50.0		120	58-146		0.484	30	
1,1,2-Trichloroethane	54.8		"	50.0		110	83-123		0.807	30	
1,1-Dichloroethane	53.5		"	50.0		107	75-130		0.243	30	
1,1-Dichloroethylene	56.0		"	50.0		112	64-137		0.250	30	
1,1-Dichloropropylene	53.1		"	50.0		106	77-127		1.21	30	
1,2,3-Trichlorobenzene	58.4		"	50.0		117	81-140		0.774	30	
1,2,3-Trichloropropane	53.9		"	50.0		108	81-126		0.242	30	
1,2,4,5-Tetramethylbenzene	61.6		"	50.0		123	63-156		1.21	30	
1,2,4-Trichlorobenzene	58.9		"	50.0		118	80-141		0.609	30	
1,2,4-Trimethylbenzene	55.8		"	50.0		112	84-125		0.927	30	
1,2-Dibromo-3-chloropropane	51.8		"	50.0		104	74-142		0.961	30	
1,2-Dibromoethane	57.2		"	50.0		114	86-123		0.614	30	
1,2-Dichlorobenzene	56.4		"	50.0		113	85-122		0.319	30	
1,2-Dichloroethane	54.5		"	50.0		109	71-133		0.496	30	
1,2-Dichloropropane	55.8		"	50.0		112	81-122		1.95	30	
1,3,5-Trimethylbenzene	55.4		"	50.0		111	82-126		0.653	30	
1,3-Dichlorobenzene	56.4		"	50.0		113	84-124		0.689	30	
1,3-Dichloropropane	54.8		"	50.0		110	83-123		1.25	30	
1,4-Dichlorobenzene	55.4		"	50.0		111	84-124		0.952	30	
1,4-Dioxane	3610		"	1050		344	10-228	High Bias	4.55	30	
2,2-Dichloropropane	55.5		"	50.0		111	67-136		0.108	30	
2-Butanone	52.9		"	50.0		106	58-147		0.208	30	
2-Chloroethylvinyl ether	56.6		"	50.0		113	10-166		0.905	30	
2-Chlorotoluene	55.3		"	50.0		111	78-127		1.17	30	
2-Hexanone	50.1		"	50.0		100	70-139		0.835	30	
4-Chlorotoluene	55.8		"	50.0		112	79-125		0.0896	30	
4-Methyl-2-pentanone	51.6		"	50.0		103	72-132		1.31	30	
Acetone	114		"	50.0		229	36-155	High Bias	1.17	30	
Acrolein	60.4		"	125		48.3	10-238		3.23	30	
Acrylonitrile	54.4		"	50.0		109	66-141		1.11	30	
Benzene	56.2		"	50.0		112	77-127		0.374	30	
Bromobenzene	54.1		"	50.0		108	77-129		0.332	30	
Bromochloromethane	54.5		"	50.0		109	74-129		0.607	30	
Bromodichloromethane	54.2		"	50.0		108	81-124		1.77	30	
Bromoform	58.6		"	50.0		117	80-136		1.20	30	
Bromomethane	48.8		"	50.0		97.6	32-177		0.674	30	
Carbon disulfide	58.9		"	50.0		118	10-136		0.323	30	
Carbon tetrachloride	68.5		"	50.0		137	66-143		0.190	30	
Chlorobenzene	59.4		"	50.0		119	86-120		0.118	30	
Chloroethane	51.4		"	50.0		103	51-142		1.55	30	
Chloroform	55.8		"	50.0		112	76-131		0.0358	30	
Chloromethane	52.2		"	50.0		104	49-132		0.577	30	
cis-1,2-Dichloroethylene	54.7		"	50.0		109	74-132		0.0366	30	
cis-1,3-Dichloropropylene	54.0		"	50.0		108	81-129		1.19	30	
Cyclohexane	67.7		"	50.0		135	70-130	High Bias	1.02	30	
Dibromochloromethane	56.3		"	50.0		113	10-200		1.52	30	
Dibromomethane	55.4		"	50.0		111	83-124		1.75	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

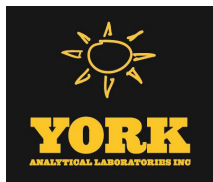
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31853 - EPA 5035A

LCS Dup (BH31853-BSD1)

Prepared & Analyzed: 08/26/2023

Dichlorodifluoromethane	45.2		ug/L	50.0		90.3	28-158		1.90	30
Diisopropyl ether (DIPE)	57.5		"	50.0		115	70-130		0.750	30
Ethanol	ND	0.080	mg/kg wet				70-130			30
Ethyl Benzene	56.2		ug/L	50.0		112	84-125		0.518	30
Ethyl tert-butyl ether (ETBE)	57.6		"	50.0		115	70-130		0.942	30
Hexachlorobutadiene	70.9		"	50.0		142	83-133	High Bias	0.00	30
Iodomethane	71.8		"	50.0		144	70-130	High Bias	2.37	30
Isopropylbenzene	57.7		"	50.0		115	81-127		0.295	30
Methyl acetate	48.0		"	50.0		96.0	41-143		1.47	30
Methyl Methacrylate	54.4		"	50.0		109	79-125		2.27	30
Methyl tert-butyl ether (MTBE)	55.6		"	50.0		111	74-131		2.31	30
Methylcyclohexane	66.9		"	50.0		134	70-130	High Bias	0.539	30
Methylene chloride	60.5		"	50.0		121	57-141		0.346	30
Naphthalene	56.2		"	50.0		112	86-141		0.446	30
n-Butylbenzene	55.5		"	50.0		111	80-130		0.772	30
n-Propylbenzene	55.9		"	50.0		112	74-136		0.286	30
o-Xylene	57.2		"	50.0		114	83-123		0.541	30
p- & m- Xylenes	112		"	100		112	82-128		0.660	30
p-Diethylbenzene	56.5		"	50.0		113	70-144		0.336	30
p-Ethyltoluene	57.4		"	50.0		115	84-123		0.919	30
p-Isopropyltoluene	56.6		"	50.0		113	85-125		0.984	30
sec-Butylbenzene	56.5		"	50.0		113	83-125		1.14	30
Styrene	58.1		"	50.0		116	86-126		0.309	30
tert-Amyl alcohol (TAA)	558		"	500		112	70-130		1.75	30
tert-Amyl methyl ether (TAME)	57.7		"	50.0		115	70-130		0.888	30
tert-Butyl alcohol (TBA)	249		"	250		99.7	70-130		0.923	30
tert-Butylbenzene	57.4		"	50.0		115	80-127		0.139	30
Tetrachloroethylene	61.0		"	50.0		122	80-129		0.181	30
Tetrahydrofuran	57.3		"	50.0		115	64-137		5.90	30
Toluene	55.3		"	50.0		111	85-121		0.762	30
trans-1,2-Dichloroethylene	55.1		"	50.0		110	72-132		0.327	30
trans-1,3-Dichloropropylene	52.9		"	50.0		106	78-132		0.359	30
trans-1,4-dichloro-2-butene	54.2		"	50.0		108	75-135		0.704	30
Trichloroethylene	55.6		"	50.0		111	84-123		0.451	30
Trichlorofluoromethane	52.7		"	50.0		105	62-140		0.133	30
Vinyl acetate	51.6		"	50.0		103	67-136		1.35	30
Vinyl Chloride	50.9		"	50.0		102	52-130		0.294	30
Surrogate: SURR: 1,2-Dichloroethane-d4	48.2		"	50.0		96.5	77-125			
Surrogate: SURR: Toluene-d8	49.1		"	50.0		98.2	85-120			
Surrogate: SURR: p-Bromofluorobenzene	49.2		"	50.0		98.5	76-130			



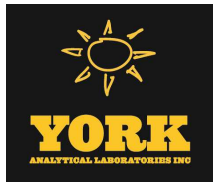
Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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Batch BH31680 - % Solids Prep

Duplicate (BH31680-DUP1)		*Source sample: 23H1758-03 (Duplicate)					Prepared & Analyzed: 08/24/2023				
% Solids	96.7	0.100	%		96.5			0.192	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23H1380-01	SB-5 (1-2")	40mL Vial with Stir Bar-Cool 4° C
23H1380-02	SB-5 (8-9")	40mL Vial with Stir Bar-Cool 4° C
23H1380-03	SB-6 (1-2")	40mL Vial with Stir Bar-Cool 4° C
23H1380-04	SB-6 (8-9")	40mL Vial with Stir Bar-Cool 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.

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.

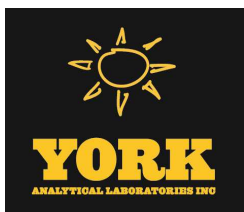
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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.



Technical Report

prepared for:

Preferred Env. Services

323 Merrick Ave

North Merrick NY, 11566

Attention: Bill Schlageter

Report Date: 08/28/2023

Client Project ID: 21-40 Mott Avenue Far Rockaway, NY

York Project (SDG) No.: 23H1440

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/28/2023
Client Project ID: 21-40 Mott Avenue Far Rockaway, NY
York Project (SDG) No.: 23H1440

Preferred Env. Services

323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

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 August 18, 2023 and listed below. The project was identified as your project: **21-40 Mott Avenue Far Rockaway, NY**.

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>
23H1440-01	MW-1	Ground Water	08/17/2023	08/18/2023
23H1440-02	MW-2	Ground Water	08/17/2023	08/18/2023
23H1440-03	MW-3	Ground Water	08/17/2023	08/18/2023

General Notes for York Project (SDG) No.: 23H1440

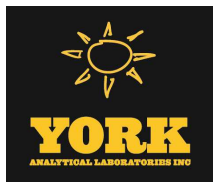
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 08/28/2023





Sample Information

Client Sample ID: MW-1

York Sample ID: 23H1440-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 9:10 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	SMA
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/24/2023 12:30	08/25/2023 03:07	SMA
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/24/2023 12:30	08/25/2023 03:07	SMA



Sample Information

Client Sample ID: MW-1

York Sample ID: 23H1440-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 9:10 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
67-66-3	Chloroform	1.53		ug/L	0.243	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
156-59-2	cis-1,2-Dichloroethylene	2.41		ug/L	0.294	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA



Sample Information

Client Sample ID: MW-1

York Sample ID: 23H1440-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 9:10 am

08/18/2023

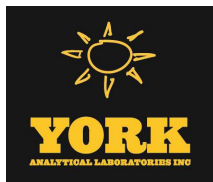
Volatile Organics, 8260 Low Comprehensive

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:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2023 03:07	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	08/25/2023 03:07	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:07	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:07	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:07	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
127-18-4	Tetrachloroethylene	295	CCVE, ICVE, QL-02	ug/L	2.39	5.00	10	EPA 8260C Certifications:	08/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	08/25/2023 12:55	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:07	SMA
79-01-6	Trichloroethylene	3.73		ug/L	0.249	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	08/25/2023 03:07	SMA



Sample Information

Client Sample ID: MW-1

York Sample ID: 23H1440-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 9:10 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/24/2023 12:30	08/25/2023 03:07	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	08/24/2023 12:30	08/25/2023 03:07	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	08/24/2023 12:30	08/25/2023 03:07	SMA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.2 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	98.3 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %		79-122							

Sample Information

Client Sample ID: MW-2

York Sample ID: 23H1440-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:00 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	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	08/24/2023 12:30	08/25/2023 03:33	SMA



Sample Information

Client Sample ID: MW-2

York Sample ID: 23H1440-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:00 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA



Sample Information

Client Sample ID: MW-2

York Sample ID: 23H1440-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:00 am

08/18/2023

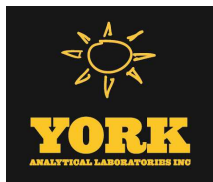
Volatile Organics, 8260 Low Comprehensive

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:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
67-66-3	Chloroform	1.47		ug/L	0.243	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
156-59-2	cis-1,2-Dichloroethylene	3.43		ug/L	0.294	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:33	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:33	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:33	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:33	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:33	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:33	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 03:33	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 03:33	SMA



Sample Information

Client Sample ID: MW-2

York Sample ID: 23H1440-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:00 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
127-18-4	Tetrachloroethylene	414	CCVE, ICVE, QL-02	ug/L	2.39	5.00	10	EPA 8260C Certifications:	08/25/2023 09:00	08/25/2023 13:23	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
79-01-6	Trichloroethylene	5.07		ug/L	0.249	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 03:33	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	100 %	69-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	97.9 %	81-117								
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	108 %	79-122								

Sample Information

Client Sample ID: MW-3

York Sample ID: 23H1440-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:30 am

08/18/2023



Sample Information

Client Sample ID: MW-3

York Sample ID: 23H1440-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:30 am

08/18/2023

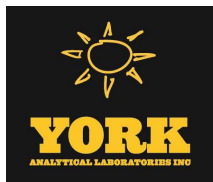
Volatile Organics, 8260 Low Comprehensive

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:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	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:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
78-93-3	2-Butanone	ND	CCVE	ug/L	0.421	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23H1440-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:30 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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
67-64-1	Acetone	ND	ICVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	ug/L	0.447	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
67-66-3	Chloroform	5.35		ug/L	0.243	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23H1440-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:30 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 04:00	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30	08/25/2023 04:00	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	08/24/2023 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/25/2023 04:00	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
127-18-4	Tetrachloroethylene	46.9	ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	08/24/2023 12:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/25/2023 04:00	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23H1440-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1440

21-40 Mott Avenue Far Rockaway, NY

Ground Water

August 17, 2023 10:30 am

08/18/2023

Volatile Organics, 8260 Low Comprehensive

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
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	08/24/2023 12:30	08/25/2023 04:00	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	97.5 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.1 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %			79-122						



Analytical Batch Summary

Batch ID: BH31744

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23H1440-01	MW-1	08/24/23
23H1440-02	MW-2	08/24/23
23H1440-03	MW-3	08/24/23
BH31744-BLK1	Blank	08/24/23
BH31744-BS1	LCS	08/24/23
BH31744-BSD1	LCS Dup	08/24/23

Batch ID: BH31788

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23H1440-01RE1	MW-1	08/25/23
23H1440-02RE1	MW-2	08/25/23
BH31788-BLK1	Blank	08/25/23
BH31788-BS1	LCS	08/25/23
BH31788-BSD1	LCS Dup	08/25/23



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
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Batch BH31744 - EPA 5030B

Blank (BH31744-BLK1)

Prepared & Analyzed: 08/24/2023

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	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	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	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"
Acetone	ND	2.00	"
Acrolein	ND	0.500	"
Acrylonitrile	ND	0.500	"
Benzene	ND	0.500	"
Bromochloromethane	ND	0.500	"
Bromodichloromethane	ND	0.500	"
Bromoform	ND	0.500	"
Bromomethane	ND	0.500	"
Carbon disulfide	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	"
Cyclohexane	ND	0.500	"
Dibromochloromethane	ND	0.500	"
Dibromomethane	ND	0.500	"
Dichlorodifluoromethane	ND	0.500	"
Ethyl Benzene	ND	0.500	"
Hexachlorobutadiene	ND	0.500	"
Isopropylbenzene	ND	0.500	"
Methyl acetate	ND	0.500	"
Methyl tert-butyl ether (MTBE)	ND	0.500	"



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
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Batch BH31744 - EPA 5030B

Blank (BH31744-BLK1)

Prepared & Analyzed: 08/24/2023

Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	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	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.65		"	10.0		96.5	69-130				
Surrogate: SURR: Toluene-d8	9.90		"	10.0		99.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				

LCS (BH31744-BS1)

Prepared & Analyzed: 08/24/2023

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		"	10.0		123	54-165				
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123				
1,1-Dichloroethane	11.2		"	10.0		112	82-129				
1,1-Dichloroethylene	11.6		"	10.0		116	68-138				
1,2,3-Trichlorobenzene	8.55		"	10.0		85.5	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	9.33		"	10.0		93.3	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	8.99		"	10.0		89.9	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	11.6		"	10.0		116	73-132				
1,2-Dichloropropane	11.0		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,3-Dichloropropane	10.9		"	10.0		109	81-125				
1,4-Dichlorobenzene	9.89		"	10.0		98.9	85-124				
1,4-Dioxane	460		"	210		219	10-349				
2-Butanone	9.35		"	10.0		93.5	49-152				
2-Hexanone	9.05		"	10.0		90.5	51-146				



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 BH31744 - EPA 5030B											
LCS (BH31744-BS1)						Prepared & Analyzed: 08/24/2023					
4-Methyl-2-pentanone	7.58		ug/L	10.0		75.8	57-145				
Acetone	22.0		"	10.0		220	14-150	High Bias			
Acrolein	8.21		"	25.0		32.8	10-153				
Acrylonitrile	10.2		"	10.0		102	51-150				
Benzene	11.3		"	10.0		113	85-126				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	10.6		"	10.0		106	78-133				
Bromomethane	11.0		"	10.0		110	43-168				
Carbon disulfide	11.8		"	10.0		118	68-146				
Carbon tetrachloride	11.7		"	10.0		117	77-141				
Chlorobenzene	11.2		"	10.0		112	88-120				
Chloroethane	11.0		"	10.0		110	65-136				
Chloroform	11.2		"	10.0		112	82-128				
Chloromethane	11.5		"	10.0		115	43-155				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	83-129				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131				
Cyclohexane	13.1		"	10.0		131	63-149				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	9.73		"	10.0		97.3	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	9.37		"	10.0		93.7	67-146				
Isopropylbenzene	10.7		"	10.0		107	76-140				
Methyl acetate	11.1		"	10.0		111	51-139				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135				
Methylcyclohexane	10.9		"	10.0		109	72-143				
Methylene chloride	10.5		"	10.0		105	55-137				
Naphthalene	9.03		"	10.0		90.3	70-147				
n-Butylbenzene	10.1		"	10.0		101	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	21.9		"	20.0		109	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	10.7		"	10.0		107	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	25.1		"	50.0		50.1	25-162				
tert-Butylbenzene	10.0		"	10.0		100	77-138				
Tetrachloroethylene	6.50		"	10.0		65.0	82-131	Low Bias			
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	9.70		"	10.0		97.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	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 BH31744 - EPA 5030B											
LCS Dup (BH31744-BSD1)						Prepared & Analyzed: 08/24/2023					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		2.70	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136		6.50	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129		2.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165		6.31	30	
1,1,2-Trichloroethane	9.83		"	10.0		98.3	82-123		4.28	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		6.10	30	
1,1-Dichloroethylene	11.2		"	10.0		112	68-138		3.61	30	
1,2,3-Trichlorobenzene	7.89		"	10.0		78.9	76-136		8.03	30	
1,2,3-Trichloropropane	9.90		"	10.0		99.0	77-128		3.47	30	
1,2,4-Trichlorobenzene	8.86		"	10.0		88.6	76-137		5.17	30	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		0.583	30	
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	45-147		0.886	30	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		5.78	30	
1,2-Dichlorobenzene	9.87		"	10.0		98.7	79-123		2.90	30	
1,2-Dichloroethane	10.6		"	10.0		106	73-132		9.22	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		3.33	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		0.487	30	
1,3-Dichlorobenzene	9.70		"	10.0		97.0	86-122		3.15	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		5.39	30	
1,4-Dichlorobenzene	9.56		"	10.0		95.6	85-124		3.39	30	
1,4-Dioxane	426		"	210		203	10-349		7.59	30	
2-Butanone	9.22		"	10.0		92.2	49-152		1.40	30	
2-Hexanone	8.22		"	10.0		82.2	51-146		9.61	30	
4-Methyl-2-pentanone	7.24		"	10.0		72.4	57-145		4.59	30	
Acetone	21.9		"	10.0		219	14-150	High Bias	0.319	30	
Acrolein	0.200		"	25.0		0.800	10-153	Low Bias	190	30	Non-dir.
Acrylonitrile	8.11		"	10.0		81.1	51-150		23.1	30	
Benzene	10.8		"	10.0		108	85-126		4.62	30	
Bromochloromethane	10.2		"	10.0		102	77-128		5.41	30	
Bromodichloromethane	10.5		"	10.0		105	79-128		1.42	30	
Bromoform	10.1		"	10.0		101	78-133		4.83	30	
Bromomethane	10.3		"	10.0		103	43-168		7.32	30	
Carbon disulfide	11.1		"	10.0		111	68-146		5.95	30	
Carbon tetrachloride	11.1		"	10.0		111	77-141		4.92	30	
Chlorobenzene	11.0		"	10.0		110	88-120		2.07	30	
Chloroethane	10.5		"	10.0		105	65-136		4.28	30	
Chloroform	10.8		"	10.0		108	82-128		3.82	30	
Chloromethane	11.0		"	10.0		110	43-155		4.27	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		5.03	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		4.22	30	
Cyclohexane	12.8		"	10.0		128	63-149		2.94	30	
Dibromochloromethane	9.97		"	10.0		99.7	80-130		3.55	30	
Dibromomethane	9.91		"	10.0		99.1	72-134		3.18	30	
Dichlorodifluoromethane	9.23		"	10.0		92.3	44-144		5.27	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		1.70	30	
Hexachlorobutadiene	9.02		"	10.0		90.2	67-146		3.81	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		0.281	30	
Methyl acetate	10.0		"	10.0		100	51-139		10.5	30	
Methyl tert-butyl ether (MTBE)	9.89		"	10.0		98.9	76-135		10.2	30	
Methylcyclohexane	10.6		"	10.0		106	72-143		3.26	30	



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
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Batch BH31744 - EPA 5030B

LCS Dup (BH31744-BSD1)

Prepared & Analyzed: 08/24/2023

Methylene chloride	10.0		ug/L	10.0		100	55-137		4.68	30	
Naphthalene	8.20		"	10.0		82.0	70-147		9.63	30	
n-Butylbenzene	9.83		"	10.0		98.3	79-132		3.01	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		0.190	30	
o-Xylene	10.6		"	10.0		106	78-130		1.96	30	
p- & m- Xylenes	21.4		"	20.0		107	77-133		2.12	30	
p-Diethylbenzene	9.86		"	10.0		98.6	84-134		3.00	30	
p-Ethyltoluene	10.7		"	10.0		107	88-129		0.281	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.683	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		0.871	30	
Styrene	10.6		"	10.0		106	67-132		2.60	30	
tert-Butyl alcohol (TBA)	59.0		"	50.0		118	25-162		80.7	30	Non-dir.
tert-Butylbenzene	9.91		"	10.0		99.1	77-138		1.10	30	
Tetrachloroethylene	6.27		"	10.0		62.7	82-131	Low Bias	3.60	30	
Toluene	10.5		"	10.0		105	80-127		1.98	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		4.86	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		2.59	30	
Trichloroethylene	10.6		"	10.0		106	82-128		1.68	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		5.45	30	
Vinyl Chloride	10.1		"	10.0		101	58-145		6.96	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.80		"	10.0		98.0	69-130				
Surrogate: SURR: Toluene-d8	9.84		"	10.0		98.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				

Batch BH31788 - EPA 5030B

Blank (BH31788-BLK1)

Prepared & Analyzed: 08/25/2023

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	"
1,2,3-Trichlorobenzene	ND	0.500	"
1,2,3-Trichloropropane	ND	0.500	"
1,2,4-Trichlorobenzene	ND	0.500	"
1,2,4-Trimethylbenzene	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	"
1,3,5-Trimethylbenzene	ND	0.500	"
1,3-Dichlorobenzene	ND	0.500	"
1,3-Dichloropropane	ND	0.500	"
1,4-Dichlorobenzene	ND	0.500	"
1,4-Dioxane	ND	80.0	"
2-Butanone	ND	0.500	"
2-Hexanone	ND	0.500	"
4-Methyl-2-pentanone	ND	0.500	"



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
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Batch BH31788 - EPA 5030B

Blank (BH31788-BLK1)

Prepared & Analyzed: 08/25/2023

Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	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	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	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	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.84		"	10.0		98.4	69-130				
Surrogate: SURR: Toluene-d8	9.58		"	10.0		95.8	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 BH31788 - EPA 5030B											
LCS (BH31788-BS1)						Prepared & Analyzed: 08/25/2023					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	12.4		"	10.0		124	78-136				
1,1,2,2-Tetrachloroethane	11.9		"	10.0		119	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.1		"	10.0		131	54-165				
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123				
1,1-Dichloroethane	11.7		"	10.0		117	82-129				
1,1-Dichloroethylene	12.2		"	10.0		122	68-138				
1,2,3-Trichlorobenzene	9.98		"	10.0		99.8	76-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	11.8		"	10.0		118	73-132				
1,2-Dichloropropane	11.1		"	10.0		111	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,3-Dichloropropane	10.7		"	10.0		107	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	541		"	210		258	10-349				
2-Butanone	11.3		"	10.0		113	49-152				
2-Hexanone	9.56		"	10.0		95.6	51-146				
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145				
Acetone	22.0		"	10.0		220	14-150	High Bias			
Acrolein	8.08		"	25.0		32.3	10-153				
Acrylonitrile	11.9		"	10.0		119	51-150				
Benzene	12.2		"	10.0		122	85-126				
Bromochloromethane	12.2		"	10.0		122	77-128				
Bromodichloromethane	10.6		"	10.0		106	79-128				
Bromoform	10.6		"	10.0		106	78-133				
Bromomethane	10.4		"	10.0		104	43-168				
Carbon disulfide	12.4		"	10.0		124	68-146				
Carbon tetrachloride	12.2		"	10.0		122	77-141				
Chlorobenzene	11.3		"	10.0		113	88-120				
Chloroethane	11.3		"	10.0		113	65-136				
Chloroform	11.8		"	10.0		118	82-128				
Chloromethane	10.8		"	10.0		108	43-155				
cis-1,2-Dichloroethylene	12.0		"	10.0		120	83-129				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131				
Cyclohexane	13.1		"	10.0		131	63-149				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.8		"	10.0		108	72-134				
Dichlorodifluoromethane	9.36		"	10.0		93.6	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	10.5		"	10.0		105	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl acetate	10.7		"	10.0		107	51-139				
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	76-135				
Methylcyclohexane	11.8		"	10.0		118	72-143				



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 BH31788 - EPA 5030B											
LCS (BH31788-BS1)						Prepared & Analyzed: 08/25/2023					
Methylene chloride	10.6		ug/L	10.0		106	55-137				
Naphthalene	10.2		"	10.0		102	70-147				
n-Butylbenzene	11.4		"	10.0		114	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.9		"	10.0		109	78-130				
p- & m- Xylenes	22.5		"	20.0		113	77-133				
p-Diethylbenzene	10.7		"	10.0		107	84-134				
p-Ethyltoluene	11.0		"	10.0		110	88-129				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	11.0		"	10.0		110	67-132				
tert-Butyl alcohol (TBA)	56.2		"	50.0		112	25-162				
tert-Butylbenzene	10.7		"	10.0		107	77-138				
Tetrachloroethylene	5.83		"	10.0		58.3	82-131	Low Bias			
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	12.1		"	10.0		121	80-132				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	11.7		"	10.0		117	67-139				
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.71		"	10.0		97.1	69-130				
Surrogate: SURR: Toluene-d8	9.50		"	10.0		95.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.89		"	10.0		98.9	79-122				
LCS Dup (BH31788-BS1)						Prepared & Analyzed: 08/25/2023					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		0.0946	30	
1,1,1-Trichloroethane	11.7		"	10.0		117	78-136		5.06	30	
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129		0.672	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	54-165		4.93	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		0.189	30	
1,1-Dichloroethane	11.3		"	10.0		113	82-129		2.96	30	
1,1-Dichloroethylene	11.7		"	10.0		117	68-138		4.34	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		4.51	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		0.568	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		1.66	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		1.22	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	45-147		2.14	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		0.00	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.775	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		1.11	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		0.633	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		1.52	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		0.195	30	
1,3-Dichloropropane	10.8		"	10.0		108	81-125		0.279	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		1.09	30	
1,4-Dioxane	533		"	210		254	10-349		1.41	30	
2-Butanone	11.3		"	10.0		113	49-152		0.265	30	
2-Hexanone	9.64		"	10.0		96.4	51-146		0.833	30	
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145		1.25	30	
Acetone	21.6		"	10.0		216	14-150	High Bias	1.79	30	



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
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Batch BH31788 - EPA 5030B

LCS Dup (BH31788-BSD1)

Prepared & Analyzed: 08/25/2023

Acrolein	8.01		ug/L	25.0		32.0	10-153		0.870	30	
Acrylonitrile	11.8		"	10.0		118	51-150		0.757	30	
Benzene	11.9		"	10.0		119	85-126		2.32	30	
Bromochloromethane	12.0		"	10.0		120	77-128		1.82	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		0.471	30	
Bromoform	10.7		"	10.0		107	78-133		1.04	30	
Bromomethane	9.74		"	10.0		97.4	43-168		6.07	30	
Carbon disulfide	11.8		"	10.0		118	68-146		5.38	30	
Carbon tetrachloride	11.7		"	10.0		117	77-141		4.10	30	
Chlorobenzene	11.2		"	10.0		112	88-120		0.711	30	
Chloroethane	11.0		"	10.0		110	65-136		3.14	30	
Chloroform	11.5		"	10.0		115	82-128		2.31	30	
Chloromethane	10.3		"	10.0		103	43-155		4.94	30	
cis-1,2-Dichloroethylene	11.7		"	10.0		117	83-129		2.87	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		1.03	30	
Cyclohexane	12.6		"	10.0		126	63-149		3.66	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		0.660	30	
Dibromomethane	10.6		"	10.0		106	72-134		2.05	30	
Dichlorodifluoromethane	8.85		"	10.0		88.5	44-144		5.60	30	
Ethyl Benzene	11.0		"	10.0		110	80-131		0.728	30	
Hexachlorobutadiene	10.7		"	10.0		107	67-146		2.27	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		1.10	30	
Methyl acetate	10.5		"	10.0		105	51-139		2.26	30	
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	76-135		0.253	30	
Methyleyclohexane	11.7		"	10.0		117	72-143		1.02	30	
Methylene chloride	10.4		"	10.0		104	55-137		1.43	30	
Naphthalene	10.6		"	10.0		106	70-147		3.74	30	
n-Butylbenzene	12.1		"	10.0		121	79-132		6.20	30	
n-Propylbenzene	11.0		"	10.0		110	78-133		1.92	30	
o-Xylene	10.9		"	10.0		109	78-130		0.0917	30	
p- & m- Xylenes	22.4		"	20.0		112	77-133		0.579	30	
p-Diethylbenzene	11.2		"	10.0		112	84-134		4.19	30	
p-Ethyltoluene	11.1		"	10.0		111	88-129		1.36	30	
p-Isopropyltoluene	11.2		"	10.0		112	81-136		4.08	30	
sec-Butylbenzene	11.4		"	10.0		114	79-137		4.48	30	
Styrene	11.0		"	10.0		110	67-132		0.182	30	
tert-Butyl alcohol (TBA)	56.1		"	50.0		112	25-162		0.107	30	
tert-Butylbenzene	11.0		"	10.0		110	77-138		3.13	30	
Tetrachloroethylene	5.74		"	10.0		57.4	82-131	Low Bias	1.56	30	
Toluene	10.8		"	10.0		108	80-127		1.47	30	
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132		3.96	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131		0.285	30	
Trichloroethylene	9.80		"	10.0		98.0	82-128		2.52	30	
Trichlorofluoromethane	11.2		"	10.0		112	67-139		4.37	30	
Vinyl Chloride	10.6		"	10.0		106	58-145		5.70	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.69		"	10.0		96.9	69-130				
Surrogate: SURR: Toluene-d8	9.52		"	10.0		95.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.94		"	10.0		99.4	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23H1440-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23H1440-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23H1440-03	MW-3	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.
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.

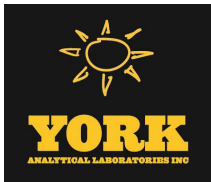
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.

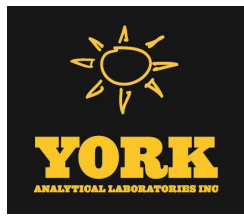
Certification for pH is no longer offered by NYDOH ELAP.

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.





Technical Report

prepared for:

Preferred Env. Services

323 Merrick Ave

North Merrick NY, 11566

Attention: Bill Schlageter

Report Date: 08/29/2023

Client Project ID: 21-40 Mott Avenue Far Rockaway, NY

York Project (SDG) No.: 23H1486

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: 08/29/2023
Client Project ID: 21-40 Mott Avenue Far Rockaway, NY
York Project (SDG) No.: 23H1486

Preferred Env. Services

323 Merrick Ave
North Merrick NY, 11566
Attention: Bill Schlageter

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 August 21, 2023 and listed below. The project was identified as your project: **21-40 Mott Avenue Far Rockaway, NY**.

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>
23H1486-01	VP-1	Soil Vapor	08/17/2023	08/21/2023
23H1486-02	OA-1	Outdoor Ambient Air	08/17/2023	08/21/2023
23H1486-03	VP-2	Soil Vapor	08/17/2023	08/21/2023
23H1486-04	IA-1	Indoor Ambient Air	08/17/2023	08/21/2023
23H1486-05	VP-3	Soil Vapor	08/17/2023	08/21/2023
23H1486-06	IA-2	Indoor Ambient Air	08/17/2023	08/21/2023

General Notes for York Project (SDG) No.: 23H1486

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.

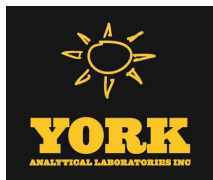
Approved By:



Date: 08/29/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: VP-1

York Sample ID: 23H1486-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:15 am

08/21/2023

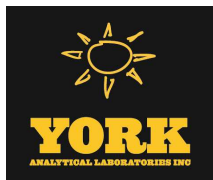
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	13	18.71	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 05:40	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	10	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	14	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	10	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.6	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.9	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	14	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.2	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	14	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	11	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.6	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	8.6	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	13	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.2	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	12	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	11	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	8.6	18.71	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 05:40	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	11	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	13	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
78-93-3	2-Butanone	ND		ug/m ³	5.5	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
591-78-6	* 2-Hexanone	ND	TO-LCS -L	ug/m ³	15	18.71	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 05:40	VH



Sample Information

Client Sample ID: VP-1

York Sample ID: 23H1486-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:15 am

08/21/2023

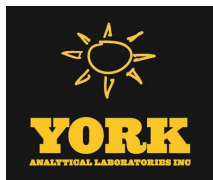
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	29	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	7.7	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
67-64-1	Acetone	83		ug/m ³	8.9	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
107-13-1	Acrylonitrile	ND		ug/m ³	4.1	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
71-43-2	Benzene	7.8		ug/m ³	6.0	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	9.7	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	13	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-25-2	Bromoform	ND		ug/m ³	19	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
74-83-9	Bromomethane	ND		ug/m ³	7.3	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-15-0	Carbon disulfide	ND		ug/m ³	5.8	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.9	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
108-90-7	Chlorobenzene	ND		ug/m ³	8.6	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-00-3	Chloroethane	ND		ug/m ³	4.9	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
67-66-3	Chloroform	360		ug/m ³	9.1	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
74-87-3	Chloromethane	ND		ug/m ³	3.9	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
156-59-2	cis-1,2-Dichloroethylene	3200		ug/m ³	1.9	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.5	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
110-82-7	Cyclohexane	ND		ug/m ³	6.4	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	16	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.3	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	13	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
100-41-4	Ethyl Benzene	ND		ug/m ³	8.1	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	20	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH



Sample Information

Client Sample ID: VP-1

York Sample ID: 23H1486-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:15 am

08/21/2023

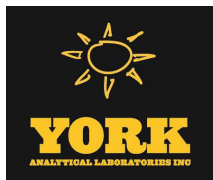
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	ND		ug/m ³	23	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
80-62-6	Methyl Methacrylate	ND		ug/m ³	7.7	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.7	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-09-2	Methylene chloride	ND		ug/m ³	13	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
142-82-5	n-Heptane	ND		ug/m ³	7.7	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
110-54-3	n-Hexane	ND		ug/m ³	6.6	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
95-47-6	o-Xylene	ND		ug/m ³	8.1	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
179601-23-1	p- & m- Xylenes	23		ug/m ³	16	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.2	18.71	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 05:40	VH
115-07-1	* Propylene	ND		ug/m ³	3.2	18.71	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 05:40	VH
100-42-5	Styrene	ND		ug/m ³	8.0	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
127-18-4	Tetrachloroethylene	450000		ug/m ³	4500	6704.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 13:36	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	11	18.71	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 05:40	VH
108-88-3	Toluene	16		ug/m ³	7.1	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
156-60-5	trans-1,2-Dichloroethylene	49		ug/m ³	7.4	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.5	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
79-01-6	Trichloroethylene	2800		ug/m ³	2.5	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
108-05-4	Vinyl acetate	ND		ug/m ³	6.6	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
593-60-2	Vinyl bromide	ND		ug/m ³	8.2	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	2.4	18.71	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 05:40	VH



Sample Information

Client Sample ID: OA-1

York Sample ID: 23H1486-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Outdoor Ambient Air

August 17, 2023 11:18 am

08/21/2023

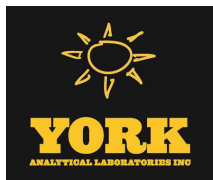
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.64	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.51	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.64	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.72	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.51	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.38	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.093	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.70	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.46	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.72	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.56	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.38	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.43	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.66	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.46	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	0.62	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.56	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.43	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.56	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	0.68	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
78-93-3	2-Butanone	1.2		ug/m ³	0.28	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
591-78-6	* 2-Hexanone	ND	TO-LCS -L	ug/m ³	0.77	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
107-05-1	3-Chloropropene	ND		ug/m ³	1.5	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH



Sample Information

Client Sample ID: OA-1

York Sample ID: 23H1486-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Outdoor Ambient Air

August 17, 2023 11:18 am

08/21/2023

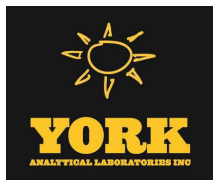
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.38	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
67-64-1	Acetone	11		ug/m ³	0.45	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.20	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
71-43-2	Benzene	0.72		ug/m ³	0.30	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	0.49	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	0.63	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-25-2	Bromoform	ND		ug/m ³	0.97	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
74-83-9	Bromomethane	ND		ug/m ³	0.36	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-15-0	Carbon disulfide	ND		ug/m ³	0.29	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
56-23-5	Carbon tetrachloride	0.24		ug/m ³	0.15	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
108-90-7	Chlorobenzene	ND		ug/m ³	0.43	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-00-3	Chloroethane	ND		ug/m ³	0.25	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
67-66-3	Chloroform	ND		ug/m ³	0.46	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
74-87-3	Chloromethane	2.0		ug/m ³	0.19	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
156-59-2	cis-1,2-Dichloroethylene	1.2		ug/m ³	0.093	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.43	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
110-82-7	Cyclohexane	ND		ug/m ³	0.32	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	0.80	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.46	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	0.68	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
100-41-4	Ethyl Benzene	ND		ug/m ³	0.41	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.0	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
67-63-0	Isopropanol	2.1	B	ug/m ³	1.2	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH



Sample Information

Client Sample ID: OA-1

York Sample ID: 23H1486-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Outdoor Ambient Air

August 17, 2023 11:18 am

08/21/2023

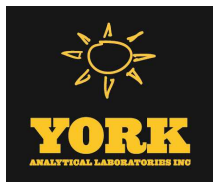
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.38	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.34	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-09-2	Methylene chloride	ND		ug/m ³	0.65	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
142-82-5	n-Heptane	0.54		ug/m ³	0.38	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
110-54-3	n-Hexane	0.60		ug/m ³	0.33	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
95-47-6	o-Xylene	0.45		ug/m ³	0.41	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
179601-23-1	p- & m- Xylenes	1.3		ug/m ³	0.81	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.46	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
115-07-1	* Propylene	ND		ug/m ³	0.16	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
100-42-5	Styrene	ND		ug/m ³	0.40	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
127-18-4	Tetrachloroethylene	460		ug/m ³	12	17.61	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/28/2023 23:28	YR
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.55	0.938	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 01:56	VH
108-88-3	Toluene	1.8		ug/m ³	0.35	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.37	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.43	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
79-01-6	Trichloroethylene	2.1		ug/m ³	0.13	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-69-4	Trichlorofluoromethane (Freon 11)	0.90		ug/m ³	0.53	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
108-05-4	Vinyl acetate	ND		ug/m ³	0.33	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
593-60-2	Vinyl bromide	ND		ug/m ³	0.41	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH
75-01-4	Vinyl Chloride	0.22	TO-LCS -H	ug/m ³	0.12	0.938	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 01:56	VH



Sample Information

Client Sample ID: VP-2

York Sample ID: 23H1486-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:15 am

08/21/2023

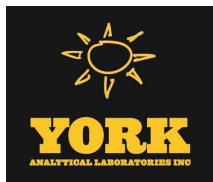
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	11	16.55	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 06:27	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	13	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	1.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 06:27	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
78-93-3	2-Butanone	6.3		ug/m ³	4.9	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
591-78-6	* 2-Hexanone	ND	TO-LCS -L	ug/m ³	14	16.55	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 06:27	VH
107-05-1	3-Chloropropene	ND		ug/m ³	26	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH



Sample Information

Client Sample ID: VP-2

York Sample ID: 23H1486-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:15 am

08/21/2023

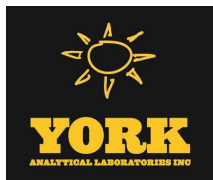
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
67-64-1	Acetone	200		ug/m ³	7.9	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
71-43-2	Benzene	ND		ug/m ³	5.3	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	8.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-25-2	Bromoform	ND		ug/m ³	17	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
74-83-9	Bromomethane	ND		ug/m ³	6.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-15-0	Carbon disulfide	ND		ug/m ³	5.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
108-90-7	Chlorobenzene	ND		ug/m ³	7.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-00-3	Chloroethane	ND		ug/m ³	4.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
67-66-3	Chloroform	28		ug/m ³	8.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
74-87-3	Chloromethane	ND		ug/m ³	3.4	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
156-59-2	cis-1,2-Dichloroethylene	64		ug/m ³	1.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
110-82-7	Cyclohexane	ND		ug/m ³	5.7	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	14	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	12	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
100-41-4	Ethyl Benzene	ND		ug/m ³	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	18	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
67-63-0	Isopropanol	ND		ug/m ³	20	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH



Sample Information

Client Sample ID: VP-2

York Sample ID: 23H1486-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:15 am

08/21/2023

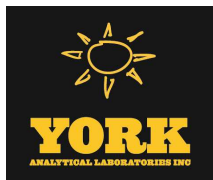
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-09-2	Methylene chloride	ND		ug/m ³	11	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
142-82-5	n-Heptane	ND		ug/m ³	6.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
110-54-3	n-Hexane	ND		ug/m ³	5.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
95-47-6	o-Xylene	ND		ug/m ³	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
179601-23-1	p- & m- Xylenes	ND		ug/m ³	14	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.1	16.55	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 06:27	VH
115-07-1	* Propylene	ND		ug/m ³	2.8	16.55	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 06:27	VH
100-42-5	Styrene	ND		ug/m ³	7.0	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
127-18-4	Tetrachloroethylene	90000		ug/m ³	560	827.5	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 12:18	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.8	16.55	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 06:27	VH
108-88-3	Toluene	ND		ug/m ³	6.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.6	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.5	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
79-01-6	Trichloroethylene	330		ug/m ³	2.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	9.3	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
108-05-4	Vinyl acetate	ND		ug/m ³	5.8	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
593-60-2	Vinyl bromide	ND		ug/m ³	7.2	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	2.1	16.55	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 06:27	VH



Sample Information

Client Sample ID: IA-1

York Sample ID: 23H1486-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Indoor Ambient Air

August 17, 2023 11:20 am

08/21/2023

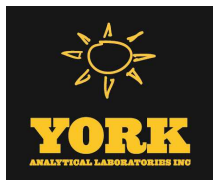
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.61	0.883	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 02:55	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.48	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.61	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.68	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.48	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.36	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.088	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.66	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
95-63-6	1,2,4-Trimethylbenzene	0.69		ug/m ³	0.43	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.68	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.53	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.36	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.41	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.62	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.43	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	0.59	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.53	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.41	0.883	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 02:55	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.53	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	0.64	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
78-93-3	2-Butanone	ND		ug/m ³	0.26	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
591-78-6	* 2-Hexanone	ND	TO-LCS -L	ug/m ³	0.72	0.883	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 02:55	VH
107-05-1	3-Chloropropene	ND		ug/m ³	1.4	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH



Sample Information

Client Sample ID: IA-1

York Sample ID: 23H1486-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Indoor Ambient Air

August 17, 2023 11:20 am

08/21/2023

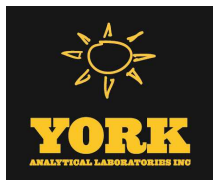
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.36	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
67-64-1	Acetone	22		ug/m ³	0.42	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.19	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
71-43-2	Benzene	1.5		ug/m ³	0.28	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	0.46	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	0.59	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-25-2	Bromoform	ND		ug/m ³	0.91	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
74-83-9	Bromomethane	ND		ug/m ³	0.34	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-15-0	Carbon disulfide	ND		ug/m ³	0.27	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
56-23-5	Carbon tetrachloride	0.28		ug/m ³	0.14	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
108-90-7	Chlorobenzene	ND		ug/m ³	0.41	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-00-3	Chloroethane	ND		ug/m ³	0.23	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
67-66-3	Chloroform	1.9		ug/m ³	0.43	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
74-87-3	Chloromethane	2.1		ug/m ³	0.18	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.088	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
110-82-7	Cyclohexane	0.36		ug/m ³	0.30	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	0.75	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.44	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
141-78-6	* Ethyl acetate	2.1		ug/m ³	0.64	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
100-41-4	Ethyl Benzene	0.77		ug/m ³	0.38	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.94	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
67-63-0	Isopropanol	8.9	B	ug/m ³	1.1	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH



Sample Information

Client Sample ID: IA-1

York Sample ID: 23H1486-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Indoor Ambient Air

August 17, 2023 11:20 am

08/21/2023

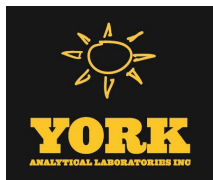
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.36	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.32	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-09-2	Methylene chloride	ND		ug/m ³	0.61	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
142-82-5	n-Heptane	1.2		ug/m ³	0.36	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
110-54-3	n-Hexane	1.6		ug/m ³	0.31	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
95-47-6	o-Xylene	0.96		ug/m ³	0.38	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
179601-23-1	p- & m- Xylenes	3.0		ug/m ³	0.77	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
622-96-8	* p-Ethyltoluene	0.65		ug/m ³	0.43	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
115-07-1	* Propylene	2.9		ug/m ³	0.15	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
100-42-5	Styrene	ND		ug/m ³	0.38	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
127-18-4	Tetrachloroethylene	95		ug/m ³	0.60	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.52	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
108-88-3	Toluene	6.5		ug/m ³	0.33	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.35	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
79-01-6	Trichloroethylene	0.62		ug/m ³	0.12	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.50	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
108-05-4	Vinyl acetate	ND		ug/m ³	0.31	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
593-60-2	Vinyl bromide	ND		ug/m ³	0.39	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.883	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 02:55	VH



Sample Information

Client Sample ID: VP-3

York Sample ID: 23H1486-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:42 am

08/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	2.6	3.742	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 10:44	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	2.0	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	2.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	2.9	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	2.0	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	1.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.37	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	2.8	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
95-63-6	1,2,4-Trimethylbenzene	3.5		ug/m ³	1.8	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	2.9	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	2.2	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	1.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	1.7	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	2.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.8	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	2.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	2.2	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	1.7	3.742	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 10:44	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	2.2	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	2.7	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
78-93-3	2-Butanone	5.6		ug/m ³	1.1	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
591-78-6	* 2-Hexanone	ND	TO-LCS -L	ug/m ³	3.1	3.742	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 10:44	VH
107-05-1	3-Chloropropene	ND		ug/m ³	5.9	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH



Sample Information

Client Sample ID: VP-3

York Sample ID: 23H1486-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:42 am

08/21/2023

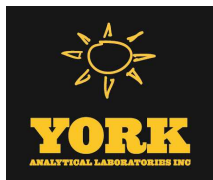
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	16	TO-CC V	ug/m ³	1.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
67-64-1	Acetone	240		ug/m ³	1.8	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.81	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
71-43-2	Benzene	ND		ug/m ³	1.2	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	1.9	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	2.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-25-2	Bromoform	ND		ug/m ³	3.9	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
74-83-9	Bromomethane	ND		ug/m ³	1.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-15-0	Carbon disulfide	ND		ug/m ³	1.2	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.59	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
108-90-7	Chlorobenzene	ND		ug/m ³	1.7	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-00-3	Chloroethane	ND		ug/m ³	0.99	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
67-66-3	Chloroform	150		ug/m ³	1.8	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
74-87-3	Chloromethane	ND		ug/m ³	0.77	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.37	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	1.7	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
110-82-7	Cyclohexane	ND		ug/m ³	1.3	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	3.2	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	1.9	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
141-78-6	* Ethyl acetate	ND		ug/m ³	2.7	3.742	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 10:44	VH
100-41-4	Ethyl Benzene	ND		ug/m ³	1.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	4.0	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
67-63-0	Isopropanol	6.1	B	ug/m ³	4.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH



Sample Information

Client Sample ID: VP-3

York Sample ID: 23H1486-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Soil Vapor

August 17, 2023 11:42 am

08/21/2023

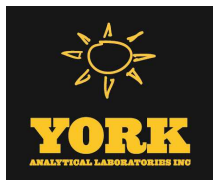
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	1.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	1.3	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-09-2	Methylene chloride	ND		ug/m ³	2.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
142-82-5	n-Heptane	ND		ug/m ³	1.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
110-54-3	n-Hexane	ND		ug/m ³	1.3	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
95-47-6	o-Xylene	2.6		ug/m ³	1.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
179601-23-1	p- & m- Xylenes	3.9		ug/m ³	3.2	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
622-96-8	* p-Ethyltoluene	2.8		ug/m ³	1.8	3.742	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 10:44	VH
115-07-1	* Propylene	ND		ug/m ³	0.64	3.742	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 10:44	VH
100-42-5	Styrene	ND		ug/m ³	1.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
127-18-4	Tetrachloroethylene	1100		ug/m ³	2.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	2.2	3.742	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 10:44	VH
108-88-3	Toluene	2.1		ug/m ³	1.4	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	1.5	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	1.7	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
79-01-6	Trichloroethylene	ND		ug/m ³	0.50	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	2.1	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
108-05-4	Vinyl acetate	ND		ug/m ³	1.3	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
593-60-2	Vinyl bromide	ND		ug/m ³	1.6	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	0.48	3.742	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 10:44	VH



Sample Information

Client Sample ID: IA-2

York Sample ID: 23H1486-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Indoor Ambient Air

August 17, 2023 11:40 am

08/21/2023

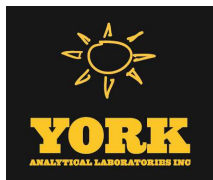
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.64	0.928	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 03:54	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.51	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.64	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.71	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.51	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.38	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.092	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.69	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
95-63-6	1,2,4-Trimethylbenzene	11		ug/m ³	0.46	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.71	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.56	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.38	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.43	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.65	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
108-67-8	1,3,5-Trimethylbenzene	4.6		ug/m ³	0.46	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
106-99-0	1,3-Butadiene	ND		ug/m ³	0.62	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.56	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.43	0.928	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 03:54	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.56	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
123-91-1	1,4-Dioxane	ND	TO-LCS -L	ug/m ³	0.67	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
78-93-3	2-Butanone	1.7		ug/m ³	0.27	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
591-78-6	* 2-Hexanone	ND	TO-LCS -L	ug/m ³	0.76	0.928	EPA TO-15 Certifications:	08/23/2023 10:00	08/24/2023 03:54	VH
107-05-1	3-Chloropropene	ND		ug/m ³	1.5	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH



Sample Information

Client Sample ID: IA-2

York Sample ID: 23H1486-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Indoor Ambient Air

August 17, 2023 11:40 am

08/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.57	TO-CC V	ug/m ³	0.38	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
67-64-1	Acetone	22		ug/m ³	0.44	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
107-13-1	Acrylonitrile	ND		ug/m ³	0.20	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
71-43-2	Benzene	1.2		ug/m ³	0.30	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
100-44-7	Benzyl chloride	ND	TO-LCS -L	ug/m ³	0.48	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-27-4	Bromodichloromethane	ND		ug/m ³	0.62	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-25-2	Bromoform	ND		ug/m ³	0.96	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
74-83-9	Bromomethane	ND		ug/m ³	0.36	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-15-0	Carbon disulfide	ND		ug/m ³	0.29	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
56-23-5	Carbon tetrachloride	0.29		ug/m ³	0.15	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
108-90-7	Chlorobenzene	ND		ug/m ³	0.43	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-00-3	Chloroethane	ND		ug/m ³	0.24	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
67-66-3	Chloroform	3.4		ug/m ³	0.45	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
74-87-3	Chloromethane	1.9		ug/m ³	0.19	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.092	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.42	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
110-82-7	Cyclohexane	ND		ug/m ³	0.32	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
124-48-1	Dibromochloromethane	ND		ug/m ³	0.79	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.46	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
141-78-6	* Ethyl acetate	1.1		ug/m ³	0.67	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
100-41-4	Ethyl Benzene	1.1		ug/m ³	0.40	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.99	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
67-63-0	Isopropanol	8.2	B	ug/m ³	1.1	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH



Sample Information

Client Sample ID: IA-2

York Sample ID: 23H1486-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23H1486

21-40 Mott Avenue Far Rockaway, NY

Indoor Ambient Air

August 17, 2023 11:40 am

08/21/2023

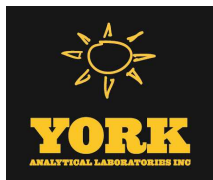
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.38	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.33	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-09-2	Methylene chloride	ND		ug/m ³	0.64	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
142-82-5	n-Heptane	ND		ug/m ³	0.38	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
110-54-3	n-Hexane	1.0		ug/m ³	0.33	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
95-47-6	o-Xylene	3.3		ug/m ³	0.40	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
179601-23-1	p- & m- Xylenes	4.2		ug/m ³	0.81	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
622-96-8	* p-Ethyltoluene	8.9		ug/m ³	0.46	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
115-07-1	* Propylene	2.9		ug/m ³	0.16	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
100-42-5	Styrene	ND		ug/m ³	0.40	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
127-18-4	Tetrachloroethylene	9.5		ug/m ³	0.63	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.55	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
108-88-3	Toluene	4.8		ug/m ³	0.35	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.37	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.42	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
79-01-6	Trichloroethylene	ND		ug/m ³	0.12	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-69-4	Trichlorofluoromethane (Freon 11)	0.89		ug/m ³	0.52	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
108-05-4	Vinyl acetate	ND		ug/m ³	0.33	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
593-60-2	Vinyl bromide	ND		ug/m ³	0.41	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	0.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	08/23/2023 10:00	08/24/2023 03:54	VH



Analytical Batch Summary

Batch ID: BH31757

Preparation Method: EPA TO15 PREP

Prepared By: VH

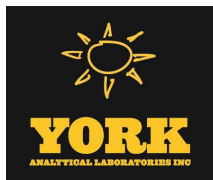
YORK Sample ID	Client Sample ID	Preparation Date
23H1486-01	VP-1	08/23/23
23H1486-01RE1	VP-1	08/23/23
23H1486-02	OA-1	08/23/23
23H1486-03	VP-2	08/23/23
23H1486-03RE1	VP-2	08/23/23
23H1486-04	IA-1	08/23/23
23H1486-05	VP-3	08/23/23
23H1486-06	IA-2	08/23/23
BH31757-BLK1	Blank	08/23/23
BH31757-BS1	LCS	08/23/23
BH31757-DUP1	Duplicate	08/23/23

Batch ID: BH32012

Preparation Method: EPA TO15 PREP

Prepared By: VH

YORK Sample ID	Client Sample ID	Preparation Date
23H1486-02RE1	OA-1	08/23/23
BH32012-BLK1	Blank	08/28/23
BH32012-BS1	LCS	08/28/23



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

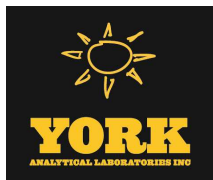
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31757 - EPA TO15 PREP

Blank (BH31757-BLK1)

Prepared & Analyzed: 08/23/2023

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	0.52	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air 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
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Batch BH31757 - EPA TO15 PREP

Blank (BH31757-BLK1)

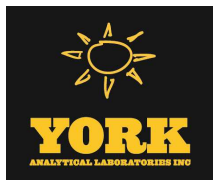
Prepared & Analyzed: 08/23/2023

n-Heptane	ND	0.41	ug/m ³
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BH31757-BS1)

Prepared & Analyzed: 08/23/2023

1,1,1,2-Tetrachloroethane	9.64		ppbv	10.0	96.4	70-130	
1,1,1-Trichloroethane	7.96		"	10.0	79.6	70-130	
1,1,2,2-Tetrachloroethane	10.2		"	10.0	102	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.43		"	10.0	84.3	70-130	
1,1,2-Trichloroethane	10.4		"	10.0	104	70-130	
1,1-Dichloroethane	8.93		"	10.0	89.3	70-130	
1,1-Dichloroethylene	9.28		"	10.0	92.8	70-130	
1,2,4-Trichlorobenzene	7.19		"	10.0	71.9	70-130	
1,2,4-Trimethylbenzene	10.7		"	10.0	107	70-130	
1,2-Dibromoethane	10.0		"	10.0	100	70-130	
1,2-Dichlorobenzene	10.3		"	10.0	103	70-130	
1,2-Dichloroethane	8.67		"	10.0	86.7	70-130	
1,2-Dichloropropane	12.5		"	10.0	125	70-130	
1,2-Dichlorotetrafluoroethane	11.6		"	10.0	116	70-130	
1,3,5-Trimethylbenzene	10.3		"	10.0	103	70-130	
1,3-Butadiene	19.1		"	10.0	191	70-130	High Bias
1,3-Dichlorobenzene	9.02		"	10.0	90.2	70-130	
1,3-Dichloropropane	10.3		"	10.0	103	70-130	
1,4-Dichlorobenzene	8.91		"	10.0	89.1	70-130	
1,4-Dioxane	5.94		"	10.0	59.4	70-130	Low Bias
2-Butanone	10.2		"	10.0	102	70-130	
2-Hexanone	3.29		"	10.0	32.9	70-130	Low Bias
3-Chloropropene	9.16		"	10.0	91.6	70-130	
4-Methyl-2-pentanone	12.1		"	10.0	121	70-130	
Acetone	8.32		"	10.0	83.2	70-130	
Acrylonitrile	8.24		"	10.0	82.4	70-130	
Benzene	8.88		"	10.0	88.8	70-130	
Benzyl chloride	6.69		"	10.0	66.9	70-130	Low Bias
Bromodichloromethane	11.4		"	10.0	114	70-130	
Bromoform	10.0		"	10.0	100	70-130	
Bromomethane	7.51		"	10.0	75.1	70-130	
Carbon disulfide	8.24		"	10.0	82.4	70-130	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

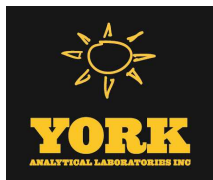
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31757 - EPA TO15 PREP

LCS (BH31757-BS1)

Prepared & Analyzed: 08/23/2023

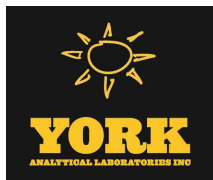
Carbon tetrachloride	7.82		ppbv	10.0		78.2	70-130				
Chlorobenzene	9.12		"	10.0		91.2	70-130				
Chloroethane	8.65		"	10.0		86.5	70-130				
Chloroform	8.22		"	10.0		82.2	70-130				
Chloromethane	11.6		"	10.0		116	70-130				
cis-1,2-Dichloroethylene	7.95		"	10.0		79.5	70-130				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	70-130				
Cyclohexane	9.18		"	10.0		91.8	70-130				
Dibromochloromethane	10.6		"	10.0		106	70-130				
Dichlorodifluoromethane	9.50		"	10.0		95.0	70-130				
Ethyl acetate	9.17		"	10.0		91.7	70-130				
Ethyl Benzene	9.80		"	10.0		98.0	70-130				
Hexachlorobutadiene	11.4		"	10.0		114	70-130				
Isopropanol	8.89		"	10.0		88.9	70-130				
Methyl Methacrylate	12.0		"	10.0		120	70-130				
Methyl tert-butyl ether (MTBE)	7.73		"	10.0		77.3	70-130				
Methylene chloride	9.64		"	10.0		96.4	70-130				
n-Heptane	11.2		"	10.0		112	70-130				
n-Hexane	9.43		"	10.0		94.3	70-130				
o-Xylene	11.1		"	10.0		111	70-130				
p- & m- Xylenes	23.6		"	20.0		118	70-130				
p-Ethyltoluene	10.7		"	10.0		107	70-130				
Propylene	10.5		"	10.0		105	70-130				
Styrene	10.8		"	10.0		108	70-130				
Tetrachloroethylene	10.5		"	10.0		105	70-130				
Tetrahydrofuran	9.25		"	10.0		92.5	70-130				
Toluene	10.4		"	10.0		104	70-130				
trans-1,2-Dichloroethylene	9.12		"	10.0		91.2	70-130				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130				
Trichloroethylene	10.6		"	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	8.88		"	10.0		88.8	70-130				
Vinyl acetate	8.14		"	10.0		81.4	70-130				
Vinyl bromide	7.65		"	10.0		76.5	70-130				
Vinyl Chloride	14.6		"	10.0		146	70-130	High Bias			



Volatile Organic Compounds in Air 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 BH31757 - EPA TO15 PREP											
Duplicate (BH31757-DUP1)	*Source sample: 23H1486-06 (IA-2)						Prepared: 08/23/2023 Analyzed: 08/24/2023				
1,1,1,2-Tetrachloroethane	ND	0.64	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.51	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.64	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.71	"		ND					25	
1,1,2-Trichloroethane	ND	0.51	"		ND					25	
1,1-Dichloroethane	ND	0.38	"		ND					25	
1,1-Dichloroethylene	ND	0.092	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.69	"		ND					25	
1,2,4-Trimethylbenzene	11	0.46	"		11				0.418	25	
1,2-Dibromoethane	ND	0.71	"		ND					25	
1,2-Dichlorobenzene	ND	0.56	"		ND					25	
1,2-Dichloroethane	ND	0.38	"		ND					25	
1,2-Dichloropropane	ND	0.43	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.65	"		ND					25	
1,3,5-Trimethylbenzene	4.6	0.46	"		4.6				0.995	25	
1,3-Butadiene	ND	0.62	"		ND					25	
1,3-Dichlorobenzene	ND	0.56	"		ND					25	
1,3-Dichloropropane	ND	0.43	"		ND					25	
1,4-Dichlorobenzene	ND	0.56	"		ND					25	
1,4-Dioxane	ND	0.67	"		ND					25	
2-Butanone	1.8	0.27	"		1.7				3.13	25	
2-Hexanone	ND	0.76	"		ND					25	
3-Chloropropene	ND	1.5	"		ND					25	
4-Methyl-2-pentanone	0.57	0.38	"		0.57				0.00	25	
Acetone	23	0.44	"		22				2.27	25	
Acrylonitrile	ND	0.20	"		ND					25	
Benzene	1.2	0.30	"		1.2				0.00	25	
Benzyl chloride	ND	0.48	"		ND					25	
Bromodichloromethane	ND	0.62	"		ND					25	
Bromoform	ND	0.96	"		ND					25	
Bromomethane	ND	0.36	"		ND					25	
Carbon disulfide	ND	0.29	"		ND					25	
Carbon tetrachloride	0.29	0.15	"		0.29				0.00	25	
Chlorobenzene	ND	0.43	"		ND					25	
Chloroethane	ND	0.24	"		ND					25	
Chloroform	3.4	0.45	"		3.4				1.32	25	
Chloromethane	1.9	0.19	"		1.9				1.00	25	
cis-1,2-Dichloroethylene	ND	0.092	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.42	"		ND					25	
Cyclohexane	ND	0.32	"		ND					25	
Dibromochloromethane	ND	0.79	"		ND					25	
Dichlorodifluoromethane	2.5	0.46	"		2.1				18.2	25	
Ethyl acetate	1.1	0.67	"		1.1				0.00	25	
Ethyl Benzene	1.1	0.40	"		1.1				3.64	25	
Hexachlorobutadiene	ND	0.99	"		ND					25	
Isopropanol	8.4	0.46	"		8.2				3.02	25	
Methyl Methacrylate	ND	0.38	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.33	"		ND					25	
Methylene chloride	ND	0.64	"		ND					25	
n-Heptane	ND	0.38	"		ND					25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

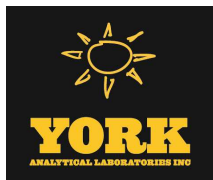
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH31757 - EPA TO15 PREP

Duplicate (BH31757-DUP1)		*Source sample: 23H1486-06 (IA-2)				Prepared: 08/23/2023 Analyzed: 08/24/2023					
n-Hexane	1.1	0.33	ug/m ³		1.0				3.08	25	
o-Xylene	3.3	0.40	"		3.3				0.00	25	
p- & m- Xylenes	4.3	0.81	"		4.2				0.948	25	
p-Ethyltoluene	8.9	0.46	"		8.9				0.00	25	
Propylene	3.2	0.16	"		2.9				10.1	25	
Styrene	ND	0.40	"		ND					25	
Tetrachloroethylene	8.6	0.63	"		9.5				10.5	25	
Tetrahydrofuran	ND	0.55	"		ND					25	
Toluene	4.8	0.35	"		4.8				0.00	25	
trans-1,2-Dichloroethylene	ND	0.37	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.42	"		ND					25	
Trichloroethylene	ND	0.12	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.99	0.52	"		0.89				11.1	25	
Vinyl acetate	ND	0.33	"		ND					25	
Vinyl bromide	ND	0.41	"		ND					25	
Vinyl Chloride	ND	0.12	"		ND					25	

Batch BH32012 - EPA TO15 PREP

Blank (BH32012-BLK1)		Prepared & Analyzed: 08/28/2023									
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

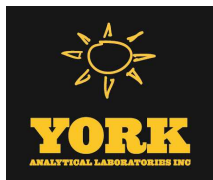
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH32012 - EPA TO15 PREP

Blank (BH32012-BLK1)

Prepared & Analyzed: 08/28/2023

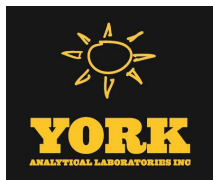
Carbon disulfide	ND	0.31	ug/m ³
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	ND	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"



Volatile Organic Compounds in Air 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 BH32012 - EPA TO15 PREP											
LCS (BH32012-BS1)						Prepared & Analyzed: 08/28/2023					
1,1,1,2-Tetrachloroethane	9.55		ppbv	10.0		95.5	70-130				
1,1,1-Trichloroethane	9.13		"	10.0		91.3	70-130				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.62		"	10.0		96.2	70-130				
1,1,2-Trichloroethane	7.70		"	10.0		77.0	70-130				
1,1-Dichloroethane	9.56		"	10.0		95.6	70-130				
1,1-Dichloroethylene	9.59		"	10.0		95.9	70-130				
1,2,4-Trichlorobenzene	9.87		"	10.0		98.7	70-130				
1,2,4-Trimethylbenzene	9.74		"	10.0		97.4	70-130				
1,2-Dibromoethane	8.20		"	10.0		82.0	70-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130				
1,2-Dichloroethane	9.10		"	10.0		91.0	70-130				
1,2-Dichloropropane	9.07		"	10.0		90.7	70-130				
1,2-Dichlorotetrafluoroethane	9.69		"	10.0		96.9	70-130				
1,3,5-Trimethylbenzene	9.65		"	10.0		96.5	70-130				
1,3-Butadiene	8.92		"	10.0		89.2	70-130				
1,3-Dichlorobenzene	9.57		"	10.0		95.7	70-130				
1,3-Dichloropropane	8.64		"	10.0		86.4	70-130				
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,4-Dioxane	8.79		"	10.0		87.9	70-130				
2-Butanone	9.99		"	10.0		99.9	70-130				
2-Hexanone	8.71		"	10.0		87.1	70-130				
3-Chloropropene	10.4		"	10.0		104	70-130				
4-Methyl-2-pentanone	9.42		"	10.0		94.2	70-130				
Acetone	8.87		"	10.0		88.7	70-130				
Acrylonitrile	10.5		"	10.0		105	70-130				
Benzene	9.36		"	10.0		93.6	70-130				
Benzyl chloride	11.7		"	10.0		117	70-130				
Bromodichloromethane	8.91		"	10.0		89.1	70-130				
Bromoform	10.8		"	10.0		108	70-130				
Bromomethane	9.99		"	10.0		99.9	70-130				
Carbon disulfide	10.1		"	10.0		101	70-130				
Carbon tetrachloride	9.74		"	10.0		97.4	70-130				
Chlorobenzene	9.28		"	10.0		92.8	70-130				
Chloroethane	10.6		"	10.0		106	70-130				
Chloroform	9.33		"	10.0		93.3	70-130				
Chloromethane	9.36		"	10.0		93.6	70-130				
cis-1,2-Dichloroethylene	8.41		"	10.0		84.1	70-130				
cis-1,3-Dichloropropylene	9.38		"	10.0		93.8	70-130				
Cyclohexane	10.0		"	10.0		100	70-130				
Dibromochloromethane	8.47		"	10.0		84.7	70-130				
Dichlorodifluoromethane	8.38		"	10.0		83.8	70-130				
Ethyl acetate	9.81		"	10.0		98.1	70-130				
Ethyl Benzene	9.70		"	10.0		97.0	70-130				
Hexachlorobutadiene	9.07		"	10.0		90.7	70-130				
Isopropanol	9.36		"	10.0		93.6	70-130				
Methyl Methacrylate	9.60		"	10.0		96.0	70-130				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	70-130				
Methylene chloride	9.64		"	10.0		96.4	70-130				
n-Heptane	9.93		"	10.0		99.3	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

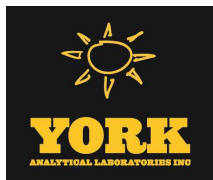
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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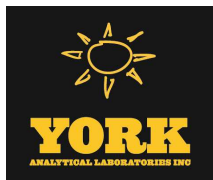
Batch BH32012 - EPA TO15 PREP

LCS (BH32012-BS1)

Prepared & Analyzed: 08/28/2023

n-Hexane	10.5		ppbv	10.0		105	70-130				
o-Xylene	9.91		"	10.0		99.1	70-130				
p- & m- Xylenes	19.4		"	20.0		97.0	70-130				
p-Ethyltoluene	9.88		"	10.0		98.8	70-130				
Propylene	7.61		"	10.0		76.1	70-130				
Styrene	10.2		"	10.0		102	70-130				
Tetrachloroethylene	8.31		"	10.0		83.1	70-130				
Tetrahydrofuran	10.3		"	10.0		103	70-130				
Toluene	7.79		"	10.0		77.9	70-130				
trans-1,2-Dichloroethylene	9.93		"	10.0		99.3	70-130				
trans-1,3-Dichloropropylene	8.63		"	10.0		86.3	70-130				
Trichloroethylene	8.83		"	10.0		88.3	70-130				
Trichlorofluoromethane (Freon 11)	9.06		"	10.0		90.6	70-130				
Vinyl acetate	9.92		"	10.0		99.2	70-130				
Vinyl bromide	10.2		"	10.0		102	70-130				
Vinyl Chloride	8.82		"	10.0		88.2	70-130				





Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

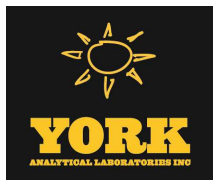
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration 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.



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YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record - AIR

YORK Project No.
23H1486

NOTE: 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. signature binds you to YORK's Standard Terms & Conditions.

Your

Page **1** of **1**

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Company:	Address:	Company:	Address:	YOUR Project Name		RUSH - Next Day	
323 Merrick Avenue		SAME		SAME		21-40 Mott Avenue, Far Rockaway, NY		RUSH - Two Day	
North Merrick, NY		SAME		SAME				RUSH - Three Day	
Phone: 516-546-1100								RUSH - Four Day	
Contact: Bill Schlegel								Standard (5-7 Day) ☒	
E-mail: bschlegel@preferredenv.com									
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.		Air Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Samples Collected by: (print your name above and sign below) <i>Chris Zver</i>		AI - Indoor Ambient Air	New York	☒ Summary Report	CT RCP	Standard Excel EDD		Compared to the following Regulation(s): (please fill in)	
		AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQADUE	EQUIS (Standard)			
		AE - Vapor Extraction Well/Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQUIS			
		AS - Soil Vapor/Sub-Slab	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite			
		Other:							
Certified Canisters: Batch <u> </u> Individual <u> </u>		Please enter the following REQUIRED Field Data							Reporting Units: ug/m ³ ppbv ppmv <u> </u>
Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested		
VP-1	8/19/23 11:15	AS	-30	-8	17353	17176	TD-15		
OA-1	11:18	AO	-30	-6	28305	7095			
VP-2	11:15	AS	-30	-3	41812	16419			
IA-1	11:20	AS	-30	-6	23127	6865			
VP-3	11:42	AS	-30	-7	34496	7421			
IA-2	11:40	AS	-30	-8	28857	17177			
Comments:									
Detection Limits Required		≤ 1 ug/m ³		NYDEC V1 Limits		Sampling Media			
Routine Survey		Other				6 Liter Canister			
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Tedlar Bag			
8/19/23		8/19/23 9:14		8/19/23 9:14					
Samples Received by / Company		Date/Time		Samples Received by / Company					
Samples Relinquished by / Company		Date/Time		Samples Received by / Company					
8/19/23 12:47									