

From: [Ryan Morley](#)
To: [Scharf, Steven \(DEC\)](#)
Cc: [Aaron Vinsel](#); [Kevin Yienger](#); [Kevin Hartney](#)
Subject: May 17, 2022 - End Point Sample results - 2840 Atlantic
Date: Thursday, May 26, 2022 3:39:16 PM
Attachments: [regcomp275494408.xlsx](#)
[22E0752 York_QA_Page_Brks_FINAL_05_26_2022_1442.pdf](#)
[DOC358.pdf](#)

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Hi Steve,

We got results for more endpoint samples, EP001, EP002, EP011, and EP019. Each meets UUSCOs (there was a very minor concentration of Methylene Chloride which is a common laboratory artifact, and very unlikely to be reflective of subsurface conditions). The results are attached.

Let me know if you have any questions.

-Ryan

--

Ryan Morley, PG | Project Manager



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*X-Collected Sample
+ processed USSES*

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DRAWING PREPARED FOR:

May 18, 2022

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	Z062101	Designed by:	RM
Date:	4/8/2022	Drawn by:	OA
Scale:	AS SHOWN	Approved by:	RM

**END POINT
SAMPLE LOCATIONS**

2840 Atlantic Ave,
Brooklyn, NY

FIGURE NO: 3

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Compound	CAS Number	
VOA, 8260 MASTER		mg/Kg
Dilution Factor		
1,1,1,2-Tetrachloroethane	630-20-6	~
1,1,1-Trichloroethane	71-55-6	0.68
1,1,2,2-Tetrachloroethane	79-34-5	~
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~
1,1,2-Trichloroethane	79-00-5	~
1,1-Dichloroethane	75-34-3	0.27
1,1-Dichloroethylene	75-35-4	0.33
1,1-Dichloropropylene	563-58-6	~
1,2,3-Trichlorobenzene	87-61-6	~
1,2,3-Trichloropropane	96-18-4	~
1,2,4-Trichlorobenzene	120-82-1	~
1,2,4-Trimethylbenzene	95-63-6	3.6
1,2-Dibromo-3-chloropropane	96-12-8	~
1,2-Dibromoethane	106-93-4	~
1,2-Dichlorobenzene	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02
1,2-Dichloropropane	78-87-5	~
1,3,5-Trimethylbenzene	108-67-8	8.4
1,3-Dichlorobenzene	541-73-1	2.4
1,3-Dichloropropane	142-28-9	~
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1
2,2-Dichloropropane	594-20-7	~
2-Butanone	78-93-3	0.12
2-Chlorotoluene	95-49-8	~
2-Hexanone	591-78-6	~
4-Chlorotoluene	106-43-4	~
4-Methyl-2-pentanone	108-10-1	~
Acetone	67-64-1	0.05
Acrolein	107-02-8	~
Acrylonitrile	107-13-1	~
Benzene	71-43-2	0.06
Bromobenzene	108-86-1	~
Bromochloromethane	74-97-5	~
Bromodichloromethane	75-27-4	~
Bromoform	75-25-2	~
Bromomethane	74-83-9	~
Carbon disulfide	75-15-0	~
Carbon tetrachloride	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroethane	75-00-3	~
Chloroform	67-66-3	0.37
Chloromethane	74-87-3	~
cis-1,2-Dichloroethylene	156-59-2	0.25
cis-1,3-Dichloropropylene	10061-01-5	~
Cyclohexane	110-82-7	~

Dibromochloromethane	124-48-1	~
Dibromomethane	74-95-3	~
Dichlorodifluoromethane	75-71-8	~
Ethyl Benzene	100-41-4	1
Hexachlorobutadiene	87-68-3	~
Isopropylbenzene	98-82-8	~
Methyl acetate	79-20-9	~
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93
Methylcyclohexane	108-87-2	~
Methylene chloride	75-09-2	0.05
n-Butylbenzene	104-51-8	12
n-Propylbenzene	103-65-1	3.9
o-Xylene	95-47-6	~
p- & m- Xylenes	179601-23-1	~
p-Isopropyltoluene	99-87-6	~
sec-Butylbenzene	135-98-8	11
Styrene	100-42-5	~
tert-Butyl alcohol (TBA)	75-65-0	~
tert-Butylbenzene	98-06-6	5.9
Tetrachloroethylene	127-18-4	1.3
Toluene	108-88-3	0.7
trans-1,2-Dichloroethylene	156-60-5	0.19
trans-1,3-Dichloropropylene	10061-02-6	~
Trichloroethylene	79-01-6	0.47
Trichlorofluoromethane	75-69-4	~
Vinyl acetate	108-05-4	~
Vinyl Chloride	75-01-4	0.02
Xylenes, Total	1330-20-7	0.26
SVOA, 8270 MASTER		mg/Kg
Dilution Factor		
1,1-Biphenyl	92-52-4	~
1,2,4,5-Tetrachlorobenzene	95-94-3	~
1,2,4-Trichlorobenzene	120-82-1	~
1,2-Dichlorobenzene	95-50-1	1.1
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~
1,3-Dichlorobenzene	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
2,3,4,6-Tetrachlorophenol	58-90-2	~
2,4,5-Trichlorophenol	95-95-4	~
2,4,6-Trichlorophenol	88-06-2	~
2,4-Dichlorophenol	120-83-2	~
2,4-Dimethylphenol	105-67-9	~
2,4-Dinitrophenol	51-28-5	~
2,4-Dinitrotoluene	121-14-2	~
2,6-Dinitrotoluene	606-20-2	~
2-Chloronaphthalene	91-58-7	~
2-Chlorophenol	95-57-8	~
2-Methylnaphthalene	91-57-6	~
2-Methylphenol	95-48-7	0.33
2-Nitroaniline	88-74-4	~
2-Nitrophenol	88-75-5	~
3- & 4-Methylphenols	65794-96-9	0.33
3,3-Dichlorobenzidine	91-94-1	~

3-Nitroaniline	99-09-2	~
4,6-Dinitro-2-methylphenol	534-52-1	~
4-Bromophenyl phenyl ether	101-55-3	~
4-Chloro-3-methylphenol	59-50-7	~
4-Chloroaniline	106-47-8	~
4-Chlorophenyl phenyl ether	7005-72-3	~
4-Nitroaniline	100-01-6	~
4-Nitrophenol	100-02-7	~
Acenaphthene	83-32-9	20
Acenaphthylene	208-96-8	100
Acetophenone	98-86-2	~
Aniline	62-53-3	~
Anthracene	120-12-7	100
Atrazine	1912-24-9	~
Benzaldehyde	100-52-7	~
Benzidine	92-87-5	~
Benzo(a)anthracene	56-55-3	1
Benzo(a)pyrene	50-32-8	1
Benzo(b)fluoranthene	205-99-2	1
Benzo(g,h,i)perylene	191-24-2	100
Benzo(k)fluoranthene	207-08-9	0.8
Benzoic acid	65-85-0	~
Benzyl alcohol	100-51-6	~
Benzyl butyl phthalate	85-68-7	~
Bis(2-chloroethoxy)methane	111-91-1	~
Bis(2-chloroethyl)ether	111-44-4	~
Bis(2-chloroisopropyl)ether	108-60-1	~
Bis(2-ethylhexyl)phthalate	117-81-7	~
Caprolactam	105-60-2	~
Carbazole	86-74-8	~
Chrysene	218-01-9	1
Dibenzo(a,h)anthracene	53-70-3	0.33
Dibenzofuran	132-64-9	7
Diethyl phthalate	84-66-2	~
Dimethyl phthalate	131-11-3	~
Di-n-butyl phthalate	84-74-2	~
Di-n-octyl phthalate	117-84-0	~
Fluoranthene	206-44-0	100
Fluorene	86-73-7	30
Hexachlorobenzene	118-74-1	0.33
Hexachlorobutadiene	87-68-3	~
Hexachlorocyclopentadiene	77-47-4	~
Hexachloroethane	67-72-1	~
Indeno(1,2,3-cd)pyrene	193-39-5	0.5
Isophorone	78-59-1	~
Naphthalene	91-20-3	12
Nitrobenzene	98-95-3	~
N-Nitrosodimethylamine	62-75-9	~
N-nitroso-di-n-propylamine	621-64-7	~
N-Nitrosodiphenylamine	86-30-6	~
Pentachlorophenol	87-86-5	0.8
Phenanthrene	85-01-8	100
Phenol	108-95-2	0.33

Pyrene	129-00-0	100
Pyridine	110-86-1	~
PEST, 8081 MASTER		mg/Kg
Dilution Factor		
4,4'-DDD	72-54-8	0.0033
4,4'-DDE	72-55-9	0.0033
4,4'-DDT	50-29-3	0.0033
Aldrin	309-00-2	0.005
alpha-BHC	319-84-6	0.02
alpha-Chlordane	5103-71-9	0.094
beta-BHC	319-85-7	0.036
Chlordane, total	12789-03-6	~
delta-BHC	319-86-8	0.04
Dieldrin	60-57-1	0.005
Endosulfan I	959-98-8	2.4
Endosulfan II	33213-65-9	2.4
Endosulfan sulfate	1031-07-8	2.4
Endrin	72-20-8	0.014
Endrin aldehyde	7421-93-4	~
Endrin ketone	53494-70-5	~
gamma-BHC (Lindane)	58-89-9	0.1
gamma-Chlordane	5566-34-7	~
Heptachlor	76-44-8	0.042
Heptachlor epoxide	1024-57-3	~
Methoxychlor	72-43-5	~
Toxaphene	8001-35-2	~
Metals, Target Analyte		mg/Kg
Dilution Factor		
Aluminum	7429-90-5	~
Antimony	7440-36-0	~
Arsenic	7440-38-2	13
Barium	7440-39-3	350
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5
Calcium	7440-70-2	~
Chromium	7440-47-3	~
Cobalt	7440-48-4	~
Copper	7440-50-8	50
Iron	7439-89-6	~
Lead	7439-92-1	63
Magnesium	7439-95-4	~
Manganese	7439-96-5	1600
Nickel	7440-02-0	30
Potassium	7440-09-7	~
Selenium	7782-49-2	3.9
Silver	7440-22-4	2
Sodium	7440-23-5	~
Thallium	7440-28-0	~
Vanadium	7440-62-2	~
Zinc	7440-66-6	109
Mercury by 7473		mg/Kg
Dilution Factor		
Mercury	7439-97-6	0.18

Total Solids		
Dilution Factor		
% Solids	solids	~
PCB, 8082 MASTER		mg/Kg
Dilution Factor		
Aroclor 1016	12674-11-2	~
Aroclor 1221	11104-28-2	~
Aroclor 1232	11141-16-5	~
Aroclor 1242	53469-21-9	~
Aroclor 1248	12672-29-6	~
Aroclor 1254	11097-69-1	~
Aroclor 1260	11096-82-5	~
Total PCBs	1336-36-3	0.1

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) - c

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 d

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

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

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[illegible]

0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.0420		0.0360	
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00450	U	0.00410	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
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0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00230	U	0.00200	U
0.00680	U	0.00610	U
mg/Kg 2		mg/Kg 2	
0.0424	U	0.0427	U
0.0846	U	0.0851	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0846	U	0.0851	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0846	U	0.0851	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0846	U	0.0851	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U
0.0424	U	0.0427	U

[illegible]

0.0424	U	0.0427	U
0.169	U	0.170	U
mg/Kg		mg/Kg	
5		5	
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.0331	U	0.0340	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.00166	U	0.00170	U
0.166	U	0.170	U
mg/Kg		mg/Kg	
1		1	
2,470		2,300	
2.570	U	2.590	U
1.540	U	1.550	U
15.400		17.100	
0.0510	U	0.0520	U
0.308	U	0.310	U
547	B	671	B
9.070		7.790	
4.200		3.680	
6.520		6.580	
14,700		13,700	
1.470		1.230	
1,150		1,020	
276		289	
9.330		7.420	
431	B	331	B
2.570	U	2.590	U
0.514	U	0.517	U
69.200		78	
2.570	U	2.590	U
16		15.200	
17.700		13	
mg/Kg		mg/Kg	
1		1	
0.0308	U	0.0310	U

% 1 97.300		% 1 96.700	
mg/Kg 1 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167	U U U U U U U U U U	mg/Kg 1 0.0172 0.0172 0.0172 0.0172 0.0172 0.0172 0.0172 0.0172 0.0172	U U U U U U U U U U

data is estimated

ected concentrations that exceed method dictated limits between the two GC columns used for a

representations or warranties that
is not responsible for any errors or
limitations and you agree to hold
ge often, we encourage the user to

[illegible]

0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.0510		0.0220	
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00630	U	0.00340	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00310	U	0.00170	U
0.00940	U	0.00510	U
mg/Kg 2		mg/Kg 2	
0.0423	U	0.0419	U
0.0844	U	0.0836	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0844	U	0.0836	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0844	U	0.0836	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0844	U	0.0836	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U
0.0423	U	0.0419	U

[illegible]

0.0423	U	0.0419	U
0.169	U	0.167	U
mg/Kg		mg/Kg	
5		5	
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.0337	U	0.0333	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.00169	U	0.00166	U
0.169	U	0.166	U
mg/Kg		mg/Kg	
1		1	
2,810		2,370	
2.560	U	2.560	U
1.540	U	1.530	U
23.500		20.500	
0.0510	U	0.0510	U
0.308	U	0.307	U
760	B	596	B
9.910		8.610	
4.530		3.620	
8.200		13	
14,400		14,300	
2.250		2.430	
1,000		929	
417		360	
9.010		7.700	
378	B	343	B
2.560	U	2.560	U
0.513	U	0.511	U
95.100		54.700	
2.560	U	2.560	U
15.800		13.300	
16.300		12.900	
mg/Kg		mg/Kg	
1		1	
0.0308	U	0.0307	U

% 1 97.500		% 1 97.800	
mg/Kg 1 0.0170 0.0170 0.0170 0.0170 0.0170 0.0170 0.0170 0.0170 0.0170	U U U U U U U U U	mg/Kg 1 0.0168 0.0168 0.0168 0.0168 0.0168 0.0168 0.0168 0.0168 0.0168	U U U U U U U U U

nalysis

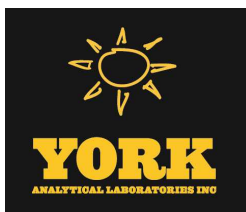
[illegible]

0.00340	U
0.00340	U
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0.00340	U
0.00340	U
0.00340	U
0.0510	
0.00340	U
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0.00340	U
0.00680	U
0.00340	U
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0.00340	U
0.00340	U
0.00340	U
0.00340	U
0.00340	U
0.00340	U
0.00340	U
0.00340	U
0.0100	U
mg/kg	
2	
0.0423	U
0.0844	U
0.0423	U
0.0423	U
0.0423	U
0.0423	U
0.0423	U
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0.0423	U
0.0844	U
0.0423	U
0.0423	U
0.0423	U
0.0423	U
0.0423	U
0.0844	U
0.0423	U
0.0423	U
0.0423	U

[illegible]

0.0423	U
0.169	U
mg/Kg	
5	
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.0334	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.00167	U
0.167	U
mg/Kg	
1	
3,280	
2.560	U
1.540	U
23	
0.0510	U
0.308	U
1,020	B
10.200	
5.110	
6.880	
15,300	
5.320	
1,280	
372	
8.860	
407	B
2.560	U
0.513	U
223	
2.560	U
17.900	
17.700	
mg/Kg	
1	
0.0308	U

% 1 97.600	
mg/kg 1 0.0169 0.0169 0.0169 0.0169 0.0169 0.0169 0.0169 0.0169	 U U U U U U U U



Technical Report

prepared for:

P.W. Grosser Consulting

630 Johnson Avenue, Suite 7

Bohemia NY, 11716

Attention: Ryan Morley

Report Date: 05/26/2022

Client Project ID: ZDG2102

York Project (SDG) No.: 22E0752



CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037

New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

Report Date: 05/26/2022
Client Project ID: ZDG2102
York Project (SDG) No.: 22E0752

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Ryan Morley

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 May 17, 2022 and listed below. The project was identified as your project: **ZDG2102**.

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>
22E0752-01	EP001	Soil	05/17/2022	05/17/2022
22E0752-02	EP002	Soil	05/17/2022	05/17/2022
22E0752-03	EP011	Soil	05/17/2022	05/17/2022
22E0752-04	EP019	Soil	05/17/2022	05/17/2022
22E0752-05	TB002	Water	05/17/2022	05/17/2022
22E0752-06	EB003	Water	05/17/2022	05/17/2022
22E0752-07	DUP-1	Soil	05/17/2022	05/17/2022

General Notes for York Project (SDG) No.: 22E0752

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: 05/26/2022





Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 9:32 am

Date Received

05/17/2022

Volatiles, 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	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 17:25	JTG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 17:25	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

Volatiles, 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	0.091	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 17:25	JTG
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

Volatiles, 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	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-09-2	Methylene chloride	0.042		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 17:25	JTG
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 17:25	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

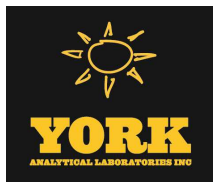
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 9:32 am

05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
62-53-3	Aniline	ND		mg/kg dry	0.169	0.339	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.339	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
108-95-2	Phenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.339	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:29	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	28.6 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	28.1 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	34.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	30.9 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	31.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	34.4 %	24-116								

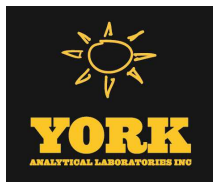
PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 09:06	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/22/2022 08:47	05/24/2022 09:06	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 09:06	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:06	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0331	5	EPA 8081B Certifications:	05/22/2022 08:47	05/24/2022 09:06	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	68.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	64.1 %	30-150							

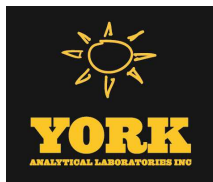
PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 01:59	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 01:59	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 01:59	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 01:59	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 01:59	BJ



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:32 am

Date Received
05/17/2022

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 01:59	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 01:59	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	05/22/2022 08:47	05/24/2022 01:59	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %		30-120						

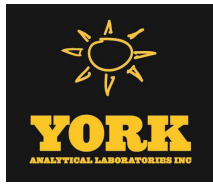
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2470		mg/kg dry	5.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-36-0	Antimony	ND		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-39-3	Barium	15.4		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.308	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-70-2	Calcium	547	B	mg/kg dry	5.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-47-3	Chromium	9.07		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-48-4	Cobalt	4.20		mg/kg dry	0.411	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-50-8	Copper	6.52		mg/kg dry	2.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7439-89-6	Iron	14700		mg/kg dry	25.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7439-92-1	Lead	1.47		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7439-95-4	Magnesium	1150		mg/kg dry	5.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7439-96-5	Manganese	276		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT



Sample Information

Client Sample ID: EP001

York Sample ID: 22E0752-01

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 9:32 am

Date Received

05/17/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	9.33		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-09-7	Potassium	431	B	mg/kg dry	5.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7782-49-2	Selenium	ND		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-22-4	Silver	ND		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-23-5	Sodium	69.2		mg/kg dry	51.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-28-0	Thallium	ND		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-62-2	Vanadium	16.0		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT
7440-66-6	Zinc	17.7		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:21	KT

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/23/2022 09:32	05/23/2022 13:40	KT

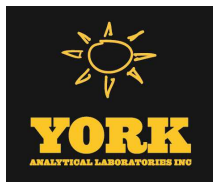
Total Solids

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	97.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/23/2022 07:46	05/23/2022 10:40	VR



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 9:45 am

05/17/2022

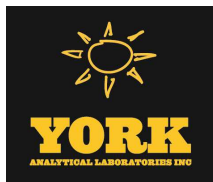
Volatiles, 8260 Comprehensive

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	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2022 06:55	05/23/2022 13:18	BMC
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2022 06:55	05/23/2022 13:18	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 9:45 am

05/17/2022

Volatiles, 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	0.041	0.081	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2022 06:55	05/23/2022 13:18	BMC
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
67-64-1	Acetone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
107-02-8	Acrolein	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
108-86-1	Bromobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:45 am

Date Received
05/17/2022

Volatiles, 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	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-09-2	Methylene chloride	0.036		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

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May 17, 2022 9:45 am

Date Received
05/17/2022

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:55	05/23/2022 13:18	BMC
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2022 06:55	05/23/2022 13:18	BMC
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH



Sample Information

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May 17, 2022 9:45 am

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05/17/2022

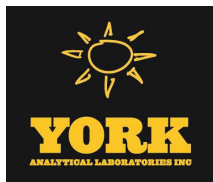
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 9:45 am

Date Received

05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
62-53-3	Aniline	ND		mg/kg dry	0.170	0.341	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.341	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:45 am

Date Received
05/17/2022

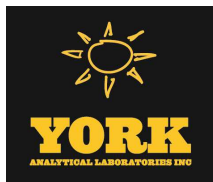
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 9:45 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
110-86-1	Pyridine	ND		mg/kg dry	0.170	0.341	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:00	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	36.0 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	35.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	42.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	38.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	41.1 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	41.9 %	24-116								

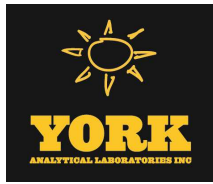
PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2022 08:07	05/24/2022 09:23	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

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May 17, 2022 9:45 am

Date Received

05/17/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/23/2022 08:07	05/24/2022 09:23	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/23/2022 08:07	05/24/2022 09:23	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 09:23	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B Certifications:	05/23/2022 08:07	05/24/2022 09:23	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	64.5 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	72.8 %		30-150						

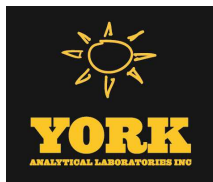
PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 12:27	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 12:27	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 12:27	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 12:27	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 12:27	BJ



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

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May 17, 2022 9:45 am

Date Received
05/17/2022

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 12:27	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2022 08:07	05/24/2022 12:27	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	05/23/2022 08:07	05/24/2022 12:27	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	62.0 %		30-120						

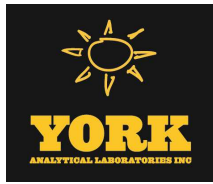
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2300		mg/kg dry	5.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-36-0	Antimony	ND		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.55	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-39-3	Barium	17.1		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.310	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-70-2	Calcium	671	B	mg/kg dry	5.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-47-3	Chromium	7.79		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-48-4	Cobalt	3.68		mg/kg dry	0.414	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-50-8	Copper	6.58		mg/kg dry	2.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7439-89-6	Iron	13700		mg/kg dry	25.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7439-92-1	Lead	1.23		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7439-95-4	Magnesium	1020		mg/kg dry	5.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7439-96-5	Manganese	289		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT



Sample Information

Client Sample ID: EP002

York Sample ID: 22E0752-02

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 9:45 am

Date Received

05/17/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	7.42		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-09-7	Potassium	331	B	mg/kg dry	5.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7782-49-2	Selenium	ND		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-22-4	Silver	ND		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-23-5	Sodium	78.0		mg/kg dry	51.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-28-0	Thallium	ND		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-62-2	Vanadium	15.2		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT
7440-66-6	Zinc	13.0		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:23	KT

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/23/2022 09:32	05/23/2022 11:59	KT

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	96.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/23/2022 07:46	05/23/2022 10:40	VR



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:17 am

Date Received
05/17/2022

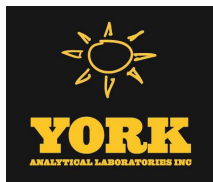
Volatiles, 8260 Comprehensive

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	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:18	JTG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:18	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 10:17 am

05/17/2022

Volatiles, 8260 Comprehensive

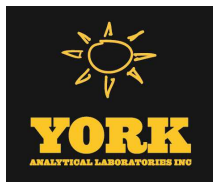
Log-in Notes:

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	0.063	0.13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:18	JTG
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG





Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 10:17 am

Date Received

05/17/2022

Volatiles, 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	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-09-2	Methylene chloride	0.051		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

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May 17, 2022 10:17 am

Date Received
05/17/2022

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:18	JTG
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:18	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.
22E0752

Client Project ID
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Soil

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May 17, 2022 10:17 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

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May 17, 2022 10:17 am

Date Received
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Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
62-53-3	Aniline	ND		mg/kg dry	0.169	0.338	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.338	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.

22E0752

Client Project ID

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May 17, 2022 10:17 am

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Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:17 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
108-95-2	Phenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.338	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 12:59	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	32.4 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	31.6 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	38.2 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	35.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	35.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	36.7 %	24-116								

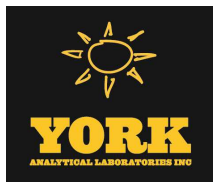
PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 09:40	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:17 am

Date Received
05/17/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/22/2022 08:47	05/24/2022 09:40	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 09:40	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:40	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B Certifications:	05/22/2022 08:47	05/24/2022 09:40	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	62.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	66.8 %	30-150							

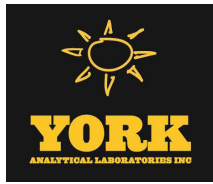
PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:12	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:12	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:12	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:12	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:12	BJ



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 10:17 am

Date Received

05/17/2022

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:12	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:12	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	05/22/2022 08:47	05/24/2022 02:12	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %		30-120						

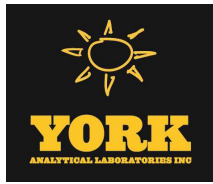
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2810		mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-36-0	Antimony	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-39-3	Barium	23.5		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.308	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-70-2	Calcium	760	B	mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-47-3	Chromium	9.91		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-48-4	Cobalt	4.53		mg/kg dry	0.410	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-50-8	Copper	8.20		mg/kg dry	2.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7439-89-6	Iron	14400		mg/kg dry	25.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7439-92-1	Lead	2.25		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7439-95-4	Magnesium	1000		mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7439-96-5	Manganese	417		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT



Sample Information

Client Sample ID: EP011

York Sample ID: 22E0752-03

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 10:17 am

Date Received

05/17/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	9.01		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-09-7	Potassium	378	B	mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7782-49-2	Selenium	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-22-4	Silver	ND		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-23-5	Sodium	95.1		mg/kg dry	51.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-28-0	Thallium	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-62-2	Vanadium	15.8		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT
7440-66-6	Zinc	16.3		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:40	KT

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/23/2022 09:32	05/23/2022 13:49	KT

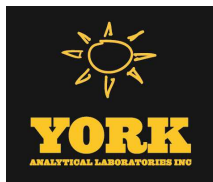
Total Solids

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	97.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/23/2022 07:46	05/23/2022 10:40	VR



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 10:30 am

05/17/2022

Volatiles, 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	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:43	JTG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:43	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:30 am

Date Received
05/17/2022

Volatiles, 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	0.034	0.068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:43	JTG
78-93-3	2-Butanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
67-64-1	Acetone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
107-02-8	Acrolein	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
71-43-2	Benzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-25-2	Bromoform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
74-83-9	Bromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-00-3	Chloroethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
67-66-3	Chloroform	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
74-87-3	Chloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:30 am

Date Received
05/17/2022

Volatiles, 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	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-09-2	Methylene chloride	0.022		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
95-47-6	o-Xylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
100-42-5	Styrene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:30 am

Date Received
05/17/2022

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
108-88-3	Toluene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0017	0.0034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 20:43	JTG
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 20:43	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:30 am

Date Received
05/17/2022

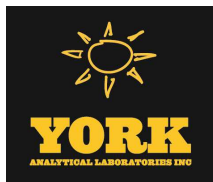
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 10:30 am

05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
62-53-3	Aniline	ND		mg/kg dry	0.167	0.335	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
92-87-5	Benzidine	ND		mg/kg dry	0.167	0.335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:30 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0836	0.167	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:30 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
108-95-2	Phenol	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0419	0.0836	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
110-86-1	Pyridine	ND		mg/kg dry	0.167	0.335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:29	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	31.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	31.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	36.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	33.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	34.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	37.2 %	24-116								

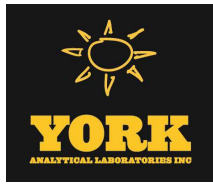
PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 09:57	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 10:30 am

Date Received

05/17/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/22/2022 08:47	05/24/2022 09:57	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 09:57	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 09:57	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B Certifications:	05/22/2022 08:47	05/24/2022 09:57	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	70.7 %	30-150							

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:26	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:26	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:26	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:26	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:26	BJ



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:30 am

Date Received
05/17/2022

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:26	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:26	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	05/22/2022 08:47	05/24/2022 02:26	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	72.0 %		30-120						

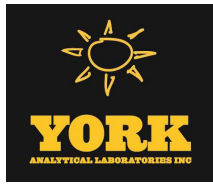
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2370		mg/kg dry	5.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-36-0	Antimony	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-39-3	Barium	20.5		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.307	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-70-2	Calcium	596	B	mg/kg dry	5.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-47-3	Chromium	8.61		mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-48-4	Cobalt	3.62		mg/kg dry	0.409	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-50-8	Copper	13.0		mg/kg dry	2.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7439-89-6	Iron	14300		mg/kg dry	25.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7439-92-1	Lead	2.43		mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7439-95-4	Magnesium	929		mg/kg dry	5.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7439-96-5	Manganese	360		mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT



Sample Information

Client Sample ID: EP019

York Sample ID: 22E0752-04

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 10:30 am

Date Received

05/17/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	7.70		mg/kg dry	1.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-09-7	Potassium	343	B	mg/kg dry	5.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7782-49-2	Selenium	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-22-4	Silver	ND		mg/kg dry	0.511	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-23-5	Sodium	54.7		mg/kg dry	51.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-28-0	Thallium	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-62-2	Vanadium	13.3		mg/kg dry	1.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT
7440-66-6	Zinc	12.9		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:43	KT

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0307	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/23/2022 09:32	05/23/2022 13:57	KT

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	97.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/23/2022 07:46	05/23/2022 10:40	VR



Sample Information

Client Sample ID: TB002

York Sample ID: 22E0752-05

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:38 am

Date Received
05/17/2022

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG



Sample Information

Client Sample ID: TB002

York Sample ID: 22E0752-05

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:38 am

Date Received
05/17/2022

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
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG



Sample Information

Client Sample ID: TB002

York Sample ID: 22E0752-05

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Water

Collection Date/Time

May 17, 2022 10:38 am

Date Received

05/17/2022

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-09-2	Methylene chloride	1.06	J	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/23/2022 06:20	05/24/2022 04:24	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/23/2022 06:20	05/24/2022 04:24	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG



Sample Information

Client Sample ID: TB002

York Sample ID: 22E0752-05

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:38 am

Date Received
05/17/2022

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 04:24	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2022 06:20	05/24/2022 04:24	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.0 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	109 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	79-122								



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
67-64-1	Acetone	1.62	CCV-E, ICV-E, J	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-09-2	Methylene chloride	9.05		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/23/2022 06:20	05/24/2022 05:18	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/23/2022 06:20	05/24/2022 05:18	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/23/2022 06:20	05/24/2022 05:18	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2022 06:20	05/24/2022 05:18	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.8 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %	79-122								

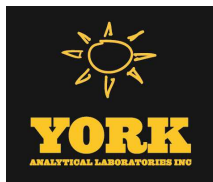
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Water

Collection Date/Time

May 17, 2022 10:50 am

Date Received

05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
95-48-7	2-Methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
88-74-4	2-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
99-09-2	3-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
106-47-8	4-Chloroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
100-01-6	4-Nitroaniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
100-02-7	4-Nitrophenol	ND		ug/L	10.0	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
98-86-2	Acetophenone	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

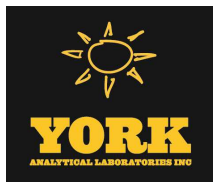
Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
100-52-7	Benzaldehyde	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
92-87-5	Benzidine	ND		ug/L	10.0	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
65-85-0	Benzoic acid	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
100-51-6	Benzyl alcohol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
105-60-2	Caprolactam	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
86-74-8	Carbazole	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
132-64-9	Dibenzofuran	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
84-66-2	Diethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
78-59-1	Isophorone	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
621-64-7	N-nitroso-di-n-propylamine	5.70	J	ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
108-95-2	Phenol	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH
110-86-1	Pyridine	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/24/2022 11:31	KH



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Water

May 17, 2022 10:50 am

05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	36.6 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	17.6 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.6 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	99.7 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	94.2 %			30.7-106						

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
208-96-8	Acenaphthylene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
120-12-7	Anthracene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
1912-24-9	Atrazine	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH
218-01-9	Chrysene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
206-44-0	Fluoranthene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
86-73-7	Fluorene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0400	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH





Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

Semi-Volatiles, 8270 (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH
67-72-1	Hexachloroethane	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
91-20-3	Naphthalene	2.78		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
98-95-3	Nitrobenzene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	1.00	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/23/2022 13:19	05/25/2022 18:47	KH
85-01-8	Phenanthrene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH
129-00-0	Pyrene	ND		ug/L	0.100	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 13:19	05/25/2022 18:47	KH

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
309-00-2	Aldrin	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
319-84-6	alpha-BHC	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
319-85-7	beta-BHC	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
319-86-8	delta-BHC	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
60-57-1	Dieldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
959-98-8	Endosulfan I	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
72-20-8	Endrin	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
76-44-8	Heptachlor	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
72-43-5	Methoxychlor	ND		ug/L	0.00800	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
8001-35-2	Toxaphene	ND		ug/L	0.200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 08:16	CM
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0200	1	EPA 8081B Certifications:	05/20/2022 07:28	05/24/2022 08:16	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	75.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	77.5 %	30-150							

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.100	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 07:11	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.100	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 07:11	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.100	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 07:11	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.100	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 07:11	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.100	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 07:11	BJ



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.100	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 07:11	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.100	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2022 07:28	05/24/2022 07:11	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.100	1	EPA 8082A Certifications:	05/20/2022 07:28	05/24/2022 07:11	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %		30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	117 %		30-150						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-70-2	Calcium	0.118	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT



Sample Information

Client Sample ID: EB003

York Sample ID: 22E0752-06

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Water

Collection Date/Time
May 17, 2022 10:50 am

Date Received
05/17/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 09:45	05/18/2022 17:52	KT

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 11:32	05/25/2022 14:03	RTH
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 11:32	05/25/2022 14:03	RTH
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 11:32	05/25/2022 14:03	RTH
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 11:32	05/25/2022 14:03	RTH
7782-49-2	Selenium	1.68		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 11:32	05/25/2022 14:03	RTH
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 11:32	05/25/2022 14:03	RTH

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2022 18:04	05/18/2022 18:04	AA



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:45 am

Date Received
05/17/2022

Volatiles, 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	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 21:09	JTG
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 21:09	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:45 am

Date Received
05/17/2022

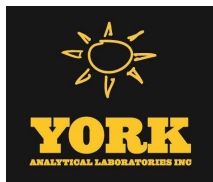
Volatiles, 8260 Comprehensive

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	0.068	0.14	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 21:09	JTG
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
67-64-1	Acetone	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
107-02-8	Acrolein	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
108-86-1	Bromobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 10:45 am

05/17/2022

Volatiles, 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	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-09-2	Methylene chloride	0.051		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:45 am

Date Received
05/17/2022

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/20/2022 06:30	05/20/2022 21:09	JTG
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/20/2022 06:30	05/20/2022 21:09	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %	76-130								

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:45 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22E0752

ZDG2102

Soil

May 17, 2022 10:45 am

05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
62-53-3	Aniline	ND		mg/kg dry	0.169	0.338	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.338	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:45 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0844	0.169	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:45 am

Date Received
05/17/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
108-95-2	Phenol	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0423	0.0844	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
110-86-1	Pyridine	ND		mg/kg dry	0.169	0.338	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2022 08:03	05/24/2022 13:58	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	31.0 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	30.8 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	34.2 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	33.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	35.4 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	35.6 %	24-116								

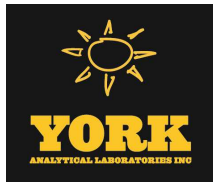
PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 10:13	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 10:45 am

Date Received

05/17/2022

PEST, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/22/2022 08:47	05/24/2022 10:13	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/22/2022 08:47	05/24/2022 10:13	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 10:13	CM
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0334	5	EPA 8081B Certifications:	05/22/2022 08:47	05/24/2022 10:13	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	58.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.1 %	30-150							

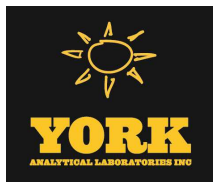
PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:40	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:40	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:40	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:40	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:40	BJ



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.
22E0752

Client Project ID
ZDG2102

Matrix
Soil

Collection Date/Time
May 17, 2022 10:45 am

Date Received
05/17/2022

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:40	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2022 08:47	05/24/2022 02:40	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	05/22/2022 08:47	05/24/2022 02:40	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	72.0 %		30-120						

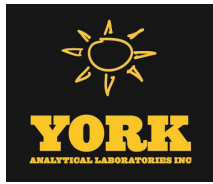
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3280		mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-36-0	Antimony	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-38-2	Arsenic	ND		mg/kg dry	1.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-39-3	Barium	23.0		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-43-9	Cadmium	ND		mg/kg dry	0.308	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-70-2	Calcium	1020	B	mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-47-3	Chromium	10.2		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-48-4	Cobalt	5.11		mg/kg dry	0.410	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-50-8	Copper	6.88		mg/kg dry	2.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7439-89-6	Iron	15300		mg/kg dry	25.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7439-92-1	Lead	5.32		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7439-95-4	Magnesium	1280		mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7439-96-5	Manganese	372		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT



Sample Information

Client Sample ID: DUP-1

York Sample ID: 22E0752-07

York Project (SDG) No.

22E0752

Client Project ID

ZDG2102

Matrix

Soil

Collection Date/Time

May 17, 2022 10:45 am

Date Received

05/17/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	8.86		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-09-7	Potassium	407	B	mg/kg dry	5.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7782-49-2	Selenium	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-22-4	Silver	ND		mg/kg dry	0.513	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-23-5	Sodium	223		mg/kg dry	51.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-28-0	Thallium	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-62-2	Vanadium	17.9		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT
7440-66-6	Zinc	17.7		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2022 18:17	05/25/2022 15:45	KT

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/23/2022 09:32	05/23/2022 14:06	KT

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	97.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/23/2022 07:46	05/23/2022 10:40	VR



Analytical Batch Summary

Batch ID: BE20899 **Preparation Method:** EPA 5035A **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-01	EP001	05/20/22
22E0752-03	EP011	05/20/22
22E0752-04	EP019	05/20/22
22E0752-07	DUP-1	05/20/22
BE20899-BLK1	Blank	05/20/22
BE20899-BLK2	Blank	05/20/22
BE20899-BS1	LCS	05/20/22
BE20899-BSD1	LCS Dup	05/20/22

Batch ID: BE20900 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-02	EP002	05/23/22
BE20900-BLK1	Blank	05/23/22
BE20900-BS1	LCS	05/23/22
BE20900-BSD1	LCS Dup	05/23/22
BE20900-MS1	Matrix Spike	05/23/22
BE20900-MSD1	Matrix Spike Dup	05/23/22

Batch ID: BE20996 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-06	EB003	05/18/22
BE20996-BLK1	Blank	05/18/22
BE20996-BS1	LCS	05/18/22
BE20996-DUP1	Duplicate	05/18/22
BE20996-MS1	Matrix Spike	05/18/22
BE20996-PS1	Post Spike	05/18/22

Batch ID: BE21066 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-06	EB003	05/18/22
BE21066-BLK1	Blank	05/18/22
BE21066-BS1	LCS	05/18/22
BE21066-BS2	LCS	05/18/22

Batch ID: BE21144 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-06	EB003	05/20/22
22E0752-06	EB003	05/20/22
BE21144-BLK1	Blank	05/20/22



BE21144-BLK2	Blank	05/20/22
BE21144-BS1	LCS	05/20/22
BE21144-BS2	LCS	05/20/22
BE21144-MS2	Matrix Spike	05/20/22
BE21144-MSD2	Matrix Spike Dup	05/20/22

Batch ID: BE21218 **Preparation Method:** EPA 3550C **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-01	EP001	05/22/22
22E0752-01	EP001	05/22/22
22E0752-03	EP011	05/22/22
22E0752-03	EP011	05/22/22
22E0752-04	EP019	05/22/22
22E0752-04	EP019	05/22/22
22E0752-07	DUP-1	05/22/22
22E0752-07	DUP-1	05/22/22
BE21218-BLK1	Blank	05/22/22
BE21218-BLK2	Blank	05/22/22
BE21218-BS1	LCS	05/22/22
BE21218-BS2	LCS	05/22/22

Batch ID: BE21223 **Preparation Method:** % Solids Prep **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-01	EP001	05/23/22
22E0752-02	EP002	05/23/22
22E0752-03	EP011	05/23/22
22E0752-04	EP019	05/23/22
22E0752-07	DUP-1	05/23/22
BE21223-DUP1	Duplicate	05/23/22

Batch ID: BE21228 **Preparation Method:** EPA 3546 SVOA **Prepared By:** NN

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-01	EP001	05/23/22
22E0752-02	EP002	05/23/22
22E0752-03	EP011	05/23/22
22E0752-04	EP019	05/23/22
22E0752-07	DUP-1	05/23/22
BE21228-BLK1	Blank	05/23/22
BE21228-BS1	LCS	05/23/22
BE21228-MS1	Matrix Spike	05/23/22
BE21228-MSD1	Matrix Spike Dup	05/23/22

Batch ID: BE21230 **Preparation Method:** EPA 3550C **Prepared By:** VS

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-02	EP002	05/23/22



22E0752-02	EP002	05/23/22
BE21230-BLK1	Blank	05/23/22
BE21230-BLK2	Blank	05/23/22
BE21230-BS1	LCS	05/23/22
BE21230-BS2	LCS	05/23/22

Batch ID: BE21245 **Preparation Method:** EPA 7473 soil **Prepared By:** K T

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-01	EP001	05/23/22
22E0752-02	EP002	05/23/22
22E0752-03	EP011	05/23/22
22E0752-04	EP019	05/23/22
22E0752-07	DUP-1	05/23/22
BE21245-BLK1	Blank	05/23/22
BE21245-DUP1	Duplicate	05/23/22
BE21245-MS1	Matrix Spike	05/23/22
BE21245-SRM1	Reference	05/23/22

Batch ID: BE21269 **Preparation Method:** EPA 3510C **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-06	EB003	05/23/22
BE21269-BLK1	Blank	05/23/22
BE21269-BLK2	Blank	05/23/22
BE21269-BS1	LCS	05/22/22
BE21269-BS2	LCS	05/23/22
BE21269-MS1	Matrix Spike	05/22/22
BE21269-MSD1	Matrix Spike Dup	05/22/22

Batch ID: BE21347 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-05	TB002	05/23/22
22E0752-06	EB003	05/23/22
BE21347-BLK1	Blank	05/23/22
BE21347-BS1	LCS	05/23/22
BE21347-BSD1	LCS Dup	05/23/22

Batch ID: BE21354 **Preparation Method:** EPA 3015A **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-06	EB003	05/24/22
BE21354-BLK1	Blank	05/24/22
BE21354-BS1	LCS	05/24/22
BE21354-DUP1	Duplicate	05/24/22
BE21354-MS1	Matrix Spike	05/24/22



Batch ID: BE21383

Preparation Method: EPA 3050B

Prepared By: S_G

YORK Sample ID	Client Sample ID	Preparation Date
22E0752-01	EP001	05/24/22
22E0752-02	EP002	05/24/22
22E0752-03	EP011	05/24/22
22E0752-04	EP019	05/24/22
22E0752-07	DUP-1	05/24/22
BE21383-BLK1	Blank	05/24/22
BE21383-DUP1	Duplicate	05/24/22
BE21383-MS1	Matrix Spike	05/24/22
BE21383-PS1	Post Spike	05/24/22
BE21383-SRM1	Reference	05/24/22



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20899 - EPA 5035A

Blank (BE20899-BLK1)

Prepared & Analyzed: 05/20/2022

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-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-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	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20899 - EPA 5035A

Blank (BE20899-BLK1)

Prepared & Analyzed: 05/20/2022

Hexachlorobutadiene	ND	0.0050	mg/kg wet
Isopropylbenzene	ND	0.0050	"
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	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-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	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	51.3	ug/L	50.0	103	77-125
Surrogate: SURR: Toluene-d8	52.4	"	50.0	105	85-120
Surrogate: SURR: p-Bromofluorobenzene	54.0	"	50.0	108	76-130



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20899 - EPA 5035A

Blank (BE20899-BLK2)

Prepared & Analyzed: 05/20/2022

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-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-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	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20899 - EPA 5035A

Blank (BE20899-BLK2)

Prepared & Analyzed: 05/20/2022

Isopropylbenzene	ND	0.0050	mg/kg wet
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	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-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	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

50.0

ug/L

50.0

100

77-125

Surrogate: SURR: Toluene-d8

52.2

"

50.0

104

85-120

Surrogate: SURR: p-Bromofluorobenzene

54.3

"

50.0

109

76-130

LCS (BE20899-BS1)

Prepared & Analyzed: 05/20/2022

1,1,1,2-Tetrachloroethane	44.4	ug/L	50.0	88.9	75-129
1,1,1-Trichloroethane	41.4	"	50.0	82.9	71-137
1,1,2,2-Tetrachloroethane	48.0	"	50.0	96.1	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.3	"	50.0	80.6	58-146
1,1,2-Trichloroethane	44.1	"	50.0	88.1	83-123
1,1-Dichloroethane	40.1	"	50.0	80.3	75-130
1,1-Dichloroethylene	40.6	"	50.0	81.2	64-137
1,1-Dichloropropylene	40.4	"	50.0	80.7	77-127
1,2,3-Trichlorobenzene	45.2	"	50.0	90.5	81-140
1,2,3-Trichloropropane	47.5	"	50.0	94.9	81-126
1,2,4-Trichlorobenzene	46.0	"	50.0	91.9	80-141
1,2,4-Trimethylbenzene	48.1	"	50.0	96.3	84-125
1,2-Dibromo-3-chloropropane	48.2	"	50.0	96.3	74-142
1,2-Dibromoethane	44.7	"	50.0	89.5	86-123
1,2-Dichlorobenzene	45.8	"	50.0	91.6	85-122
1,2-Dichloroethane	42.0	"	50.0	84.1	71-133
1,2-Dichloropropane	46.6	"	50.0	93.3	81-122
1,3,5-Trimethylbenzene	47.0	"	50.0	94.0	82-126
1,3-Dichlorobenzene	46.8	"	50.0	93.5	84-124
1,3-Dichloropropane	43.3	"	50.0	86.7	83-123
1,4-Dichlorobenzene	46.8	"	50.0	93.6	84-124
1,4-Dioxane	1760	"	1050	168	10-228
2,2-Dichloropropane	43.9	"	50.0	87.8	67-136



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20899 - EPA 5035A											
LCS (BE20899-BS1)						Prepared & Analyzed: 05/20/2022					
2-Butanone	44.5		ug/L	50.0		88.9	58-147				
2-Chlorotoluene	47.3		"	50.0		94.5	78-127				
2-Hexanone	47.2		"	50.0		94.4	70-139				
4-Chlorotoluene	48.0		"	50.0		95.9	79-125				
4-Methyl-2-pentanone	34.8		"	50.0		69.5	72-132	Low Bias			
Acetone	34.7		"	50.0		69.4	36-155				
Acrolein	68.4		"	50.0		137	10-238				
Acrylonitrile	40.7		"	50.0		81.4	66-141				
Benzene	41.4		"	50.0		82.7	77-127				
Bromobenzene	46.9		"	50.0		93.7	77-129				
Bromochloromethane	42.1		"	50.0		84.2	74-129				
Bromodichloromethane	45.8		"	50.0		91.5	81-124				
Bromoform	49.4		"	50.0		98.8	80-136				
Bromomethane	43.3		"	50.0		86.5	32-177				
Carbon disulfide	42.6		"	50.0		85.2	10-136				
Carbon tetrachloride	43.2		"	50.0		86.5	66-143				
Chlorobenzene	47.2		"	50.0		94.5	86-120				
Chloroethane	45.8		"	50.0		91.7	51-142				
Chloroform	42.4		"	50.0		84.7	76-131				
Chloromethane	36.6		"	50.0		73.3	49-132				
cis-1,2-Dichloroethylene	41.6		"	50.0		83.2	74-132				
cis-1,3-Dichloropropylene	45.8		"	50.0		91.7	81-129				
Cyclohexane	41.8		"	50.0		83.6	70-130				
Dibromochloromethane	46.5		"	50.0		93.1	10-200				
Dibromomethane	44.1		"	50.0		88.1	83-124				
Dichlorodifluoromethane	36.3		"	50.0		72.5	28-158				
Ethyl Benzene	45.7		"	50.0		91.3	84-125				
Hexachlorobutadiene	46.9		"	50.0		93.9	83-133				
Isopropylbenzene	49.0		"	50.0		98.0	81-127				
Methyl acetate	37.6		"	50.0		75.2	41-143				
Methyl tert-butyl ether (MTBE)	43.7		"	50.0		87.4	74-131				
Methylcyclohexane	44.8		"	50.0		89.5	70-130				
Methylene chloride	40.9		"	50.0		81.7	57-141				
n-Butylbenzene	50.6		"	50.0		101	80-130				
n-Propylbenzene	47.8		"	50.0		95.6	74-136				
o-Xylene	46.0		"	50.0		92.0	83-123				
p- & m- Xylenes	91.8		"	100		91.8	82-128				
p-Isopropyltoluene	48.4		"	50.0		96.9	85-125				
sec-Butylbenzene	48.0		"	50.0		95.9	83-125				
Styrene	44.8		"	50.0		89.7	86-126				
tert-Butyl alcohol (TBA)	223		"	250		89.1	70-130				
tert-Butylbenzene	42.0		"	50.0		83.9	80-127				
Tetrachloroethylene	40.4		"	50.0		80.8	80-129				
Toluene	44.3		"	50.0		88.6	85-121				
trans-1,2-Dichloroethylene	41.6		"	50.0		83.2	72-132				
trans-1,3-Dichloropropylene	46.2		"	50.0		92.5	78-132				
Trichloroethylene	44.5		"	50.0		89.0	84-123				
Trichlorofluoromethane	43.9		"	50.0		87.8	62-140				
Vinyl acetate	49.5		"	50.0		99.0	67-136				
Vinyl Chloride	41.2		"	50.0		82.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	49.7		"	50.0		99.4	77-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20899 - EPA 5035A											
LCS (BE20899-BS1)						Prepared & Analyzed: 05/20/2022					
Surrogate: SURR: Toluene-d8	51.9		ug/L	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.2		"	50.0		102	76-130				
LCS Dup (BE20899-BSD1)						Prepared & Analyzed: 05/20/2022					
1,1,1,2-Tetrachloroethane	44.8		ug/L	50.0		89.7	75-129		0.941	30	
1,1,1-Trichloroethane	41.4		"	50.0		82.9	71-137		0.0241	30	
1,1,2,2-Tetrachloroethane	46.9		"	50.0		93.7	79-129		2.47	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0		80.8	58-146		0.248	30	
1,1,2-Trichloroethane	44.5		"	50.0		89.0	83-123		1.02	30	
1,1-Dichloroethane	39.5		"	50.0		79.1	75-130		1.53	30	
1,1-Dichloroethylene	39.5		"	50.0		78.9	64-137		2.87	30	
1,1-Dichloropropylene	38.9		"	50.0		77.7	77-127		3.81	30	
1,2,3-Trichlorobenzene	45.3		"	50.0		90.6	81-140		0.0884	30	
1,2,3-Trichloropropane	47.8		"	50.0		95.5	81-126		0.588	30	
1,2,4-Trichlorobenzene	47.3		"	50.0		94.7	80-141		2.94	30	
1,2,4-Trimethylbenzene	47.3		"	50.0		94.5	84-125		1.80	30	
1,2-Dibromo-3-chloropropane	50.7		"	50.0		101	74-142		5.18	30	
1,2-Dibromoethane	45.2		"	50.0		90.4	86-123		1.02	30	
1,2-Dichlorobenzene	45.4		"	50.0		90.8	85-122		0.921	30	
1,2-Dichloroethane	40.9		"	50.0		81.8	71-133		2.80	30	
1,2-Dichloropropane	45.2		"	50.0		90.3	81-122		3.20	30	
1,3,5-Trimethylbenzene	46.2		"	50.0		92.4	82-126		1.72	30	
1,3-Dichlorobenzene	46.3		"	50.0		92.5	84-124		1.07	30	
1,3-Dichloropropane	43.6		"	50.0		87.2	83-123		0.667	30	
1,4-Dichlorobenzene	46.1		"	50.0		92.2	84-124		1.48	30	
1,4-Dioxane	1820		"	1050		173	10-228		3.04	30	
2,2-Dichloropropane	42.9		"	50.0		85.7	67-136		2.42	30	
2-Butanone	44.6		"	50.0		89.2	58-147		0.337	30	
2-Chlorotoluene	46.5		"	50.0		92.9	78-127		1.73	30	
2-Hexanone	48.5		"	50.0		97.0	70-139		2.74	30	
4-Chlorotoluene	47.0		"	50.0		94.1	79-125		1.92	30	
4-Methyl-2-pentanone	36.0		"	50.0		72.0	72-132		3.53	30	
Acetone	34.7		"	50.0		69.4	36-155		0.00	30	
Acrolein	66.7		"	50.0		133	10-238		2.56	30	
Acrylonitrile	40.9		"	50.0		81.7	66-141		0.466	30	
Benzene	40.3		"	50.0		80.6	77-127		2.52	30	
Bromobenzene	46.0		"	50.0		92.0	77-129		1.81	30	
Bromochloromethane	40.6		"	50.0		81.2	74-129		3.58	30	
Bromodichloromethane	45.9		"	50.0		91.8	81-124		0.262	30	
Bromoform	49.7		"	50.0		99.5	80-136		0.666	30	
Bromomethane	40.7		"	50.0		81.4	32-177		6.17	30	
Carbon disulfide	41.9		"	50.0		83.9	10-136		1.51	30	
Carbon tetrachloride	43.0		"	50.0		86.0	66-143		0.580	30	
Chlorobenzene	47.2		"	50.0		94.4	86-120		0.106	30	
Chloroethane	43.2		"	50.0		86.3	51-142		6.02	30	
Chloroform	41.3		"	50.0		82.6	76-131		2.51	30	
Chloromethane	35.5		"	50.0		70.9	49-132		3.27	30	
cis-1,2-Dichloroethylene	41.4		"	50.0		82.7	74-132		0.578	30	
cis-1,3-Dichloropropylene	46.0		"	50.0		92.0	81-129		0.349	30	
Cyclohexane	41.4		"	50.0		82.9	70-130		0.913	30	
Dibromochloromethane	47.0		"	50.0		94.1	10-200		1.09	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20899 - EPA 5035A

LCS Dup (BE20899-BSD1)

Prepared & Analyzed: 05/20/2022

Dibromomethane	43.9		ug/L	50.0		87.7	83-124		0.478	30	
Dichlorodifluoromethane	36.2		"	50.0		72.5	28-158		0.0276	30	
Ethyl Benzene	45.4		"	50.0		90.7	84-125		0.681	30	
Hexachlorobutadiene	45.7		"	50.0		91.4	83-133		2.66	30	
Isopropylbenzene	48.2		"	50.0		96.5	81-127		1.62	30	
Methyl acetate	37.5		"	50.0		74.9	41-143		0.320	30	
Methyl tert-butyl ether (MTBE)	43.3		"	50.0		86.6	74-131		0.919	30	
Methylcyclohexane	45.0		"	50.0		90.0	70-130		0.535	30	
Methylene chloride	40.1		"	50.0		80.2	57-141		1.85	30	
n-Butylbenzene	49.9		"	50.0		99.8	80-130		1.43	30	
n-Propylbenzene	46.7		"	50.0		93.4	74-136		2.35	30	
o-Xylene	46.1		"	50.0		92.2	83-123		0.217	30	
p- & m- Xylenes	91.4		"	100		91.4	82-128		0.349	30	
p-Isopropyltoluene	47.6		"	50.0		95.2	85-125		1.75	30	
sec-Butylbenzene	46.8		"	50.0		93.5	83-125		2.55	30	
Styrene	44.6		"	50.0		89.2	86-126		0.559	30	
tert-Butyl alcohol (TBA)	232		"	250		92.7	70-130		3.99	30	
tert-Butylbenzene	41.1		"	50.0		82.2	80-127		2.10	30	
Tetrachloroethylene	40.8		"	50.0		81.6	80-129		0.911	30	
Toluene	44.2		"	50.0		88.3	85-121		0.362	30	
trans-1,2-Dichloroethylene	40.7		"	50.0		81.5	72-132		2.14	30	
trans-1,3-Dichloropropylene	46.2		"	50.0		92.4	78-132		0.0216	30	
Trichloroethylene	44.8		"	50.0		89.7	84-123		0.738	30	
Trichlorofluoromethane	42.6		"	50.0		85.2	62-140		3.01	30	
Vinyl acetate	49.1		"	50.0		98.2	67-136		0.832	30	
Vinyl Chloride	40.0		"	50.0		80.0	52-130		2.83	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	50.0		"	50.0		99.9	77-125				
Surrogate: SURR: Toluene-d8	51.9		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.4		"	50.0		101	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20900 - EPA 5035A

Blank (BE20900-BLK1)

Prepared & Analyzed: 05/23/2022

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-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-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	"
Dichlorodifluoromethane	ND	0.0050	"
Ethyl Benzene	ND	0.0050	"
Hexachlorobutadiene	ND	0.0050	"





Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20900 - EPA 5035A

Blank (BE20900-BLK1)

Prepared & Analyzed: 05/23/2022

Isopropylbenzene	ND	0.0050	mg/kg wet
Methyl acetate	ND	0.0050	"
Methyl tert-butyl ether (MTBE)	ND	0.0050	"
Methylcyclohexane	ND	0.0050	"
Methylene chloride	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-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	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

50.1

ug/L

50.0

100

77-125

Surrogate: SURR: Toluene-d8

51.4

"

50.0

103

85-120

Surrogate: SURR: p-Bromofluorobenzene

54.0

"

50.0

108

76-130

LCS (BE20900-BS1)

Prepared & Analyzed: 05/23/2022

1,1,1,2-Tetrachloroethane	45.4	ug/L	50.0	90.8	75-129
1,1,1-Trichloroethane	42.7	"	50.0	85.5	71-137
1,1,2,2-Tetrachloroethane	48.4	"	50.0	96.7	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.2	"	50.0	80.3	58-146
1,1,2-Trichloroethane	44.1	"	50.0	88.3	83-123
1,1-Dichloroethane	40.6	"	50.0	81.3	75-130
1,1-Dichloroethylene	39.9	"	50.0	79.8	64-137
1,1-Dichloropropylene	40.4	"	50.0	80.8	77-127
1,2,3-Trichlorobenzene	46.8	"	50.0	93.7	81-140
1,2,3-Trichloropropane	48.0	"	50.0	96.1	81-126
1,2,4-Trichlorobenzene	48.3	"	50.0	96.6	80-141
1,2,4-Trimethylbenzene	48.5	"	50.0	97.1	84-125
1,2-Dibromo-3-chloropropane	51.8	"	50.0	104	74-142
1,2-Dibromoethane	45.7	"	50.0	91.4	86-123
1,2-Dichlorobenzene	46.9	"	50.0	93.8	85-122
1,2-Dichloroethane	42.4	"	50.0	84.8	71-133
1,2-Dichloropropane	45.7	"	50.0	91.4	81-122
1,3,5-Trimethylbenzene	47.5	"	50.0	95.0	82-126
1,3-Dichlorobenzene	47.0	"	50.0	94.1	84-124
1,3-Dichloropropane	43.6	"	50.0	87.2	83-123
1,4-Dichlorobenzene	46.9	"	50.0	93.8	84-124
1,4-Dioxane	1910	"	1050	182	10-228
2,2-Dichloropropane	44.2	"	50.0	88.4	67-136





Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20900 - EPA 5035A											
LCS (BE20900-BS1)						Prepared & Analyzed: 05/23/2022					
2-Butanone	46.7		ug/L	50.0		93.3	58-147				
2-Chlorotoluene	48.2		"	50.0		96.3	78-127				
2-Hexanone	49.0		"	50.0		98.0	70-139				
4-Chlorotoluene	48.6		"	50.0		97.2	79-125				
4-Methyl-2-pentanone	36.1		"	50.0		72.2	72-132				
Acetone	37.5		"	50.0		75.0	36-155				
Acrolein	68.4		"	50.0		137	10-238				
Acrylonitrile	41.5		"	50.0		83.0	66-141				
Benzene	41.2		"	50.0		82.5	77-127				
Bromobenzene	47.9		"	50.0		95.8	77-129				
Bromochloromethane	40.9		"	50.0		81.9	74-129				
Bromodichloromethane	46.3		"	50.0		92.6	81-124				
Bromoform	50.2		"	50.0		100	80-136				
Bromomethane	39.7		"	50.0		79.4	32-177				
Carbon disulfide	41.4		"	50.0		82.7	10-136				
Carbon tetrachloride	43.8		"	50.0		87.6	66-143				
Chlorobenzene	47.5		"	50.0		95.0	86-120				
Chloroethane	41.3		"	50.0		82.6	51-142				
Chloroform	42.2		"	50.0		84.4	76-131				
Chloromethane	36.6		"	50.0		73.2	49-132				
cis-1,2-Dichloroethylene	42.2		"	50.0		84.4	74-132				
cis-1,3-Dichloropropylene	46.3		"	50.0		92.5	81-129				
Cyclohexane	42.3		"	50.0		84.5	70-130				
Dibromochloromethane	47.0		"	50.0		94.0	10-200				
Dibromomethane	43.3		"	50.0		86.6	83-124				
Dichlorodifluoromethane	30.8		"	50.0		61.6	28-158				
Ethyl Benzene	45.4		"	50.0		90.9	84-125				
Hexachlorobutadiene	47.9		"	50.0		95.8	83-133				
Isopropylbenzene	49.4		"	50.0		98.9	81-127				
Methyl acetate	40.3		"	50.0		80.6	41-143				
Methyl tert-butyl ether (MTBE)	43.7		"	50.0		87.4	74-131				
Methylcyclohexane	44.9		"	50.0		89.7	70-130				
Methylene chloride	41.0		"	50.0		81.9	57-141				
n-Butylbenzene	48.3		"	50.0		96.5	80-130				
n-Propylbenzene	48.2		"	50.0		96.4	74-136				
o-Xylene	46.5		"	50.0		93.0	83-123				
p- & m- Xylenes	92.4		"	100		92.4	82-128				
p-Isopropyltoluene	48.9		"	50.0		97.8	85-125				
sec-Butylbenzene	48.3		"	50.0		96.6	83-125				
Styrene	44.7		"	50.0		89.4	86-126				
tert-Butyl alcohol (TBA)	244		"	250		97.6	70-130				
tert-Butylbenzene	42.4		"	50.0		84.9	80-127				
Tetrachloroethylene	41.3		"	50.0		82.6	80-129				
Toluene	44.2		"	50.0		88.5	85-121				
trans-1,2-Dichloroethylene	40.8		"	50.0		81.7	72-132				
trans-1,3-Dichloropropylene	46.5		"	50.0		92.9	78-132				
Trichloroethylene	44.8		"	50.0		89.6	84-123				
Trichlorofluoromethane	42.3		"	50.0		84.5	62-140				
Vinyl acetate	49.5		"	50.0		99.0	67-136				
Vinyl Chloride	38.1		"	50.0		76.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.9		"	50.0		97.8	77-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20900 - EPA 5035A											
LCS (BE20900-BS1)						Prepared & Analyzed: 05/23/2022					
Surrogate: SURR: Toluene-d8	51.1		ug/L	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.6		"	50.0		103	76-130				
LCS Dup (BE20900-BSD1)						Prepared & Analyzed: 05/23/2022					
1,1,1,2-Tetrachloroethane	51.1		ug/L	50.0		102	75-129		11.8	30	
1,1,1-Trichloroethane	46.7		"	50.0		93.4	71-137		8.90	30	
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129		5.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.8		"	50.0		87.6	58-146		8.72	30	
1,1,2-Trichloroethane	49.5		"	50.0		98.9	83-123		11.4	30	
1,1-Dichloroethane	44.4		"	50.0		88.9	75-130		8.98	30	
1,1-Dichloroethylene	43.2		"	50.0		86.3	64-137		7.92	30	
1,1-Dichloropropylene	44.1		"	50.0		88.1	77-127		8.64	30	
1,2,3-Trichlorobenzene	49.7		"	50.0		99.5	81-140		5.99	30	
1,2,3-Trichloropropane	51.1		"	50.0		102	81-126		6.23	30	
1,2,4-Trichlorobenzene	51.7		"	50.0		103	80-141		6.78	30	
1,2,4-Trimethylbenzene	51.8		"	50.0		104	84-125		6.54	30	
1,2-Dibromo-3-chloropropane	53.5		"	50.0		107	74-142		3.19	30	
1,2-Dibromoethane	49.8		"	50.0		99.6	86-123		8.63	30	
1,2-Dichlorobenzene	50.4		"	50.0		101	85-122		7.11	30	
1,2-Dichloroethane	46.4		"	50.0		92.8	71-133		9.05	30	
1,2-Dichloropropane	50.4		"	50.0		101	81-122		9.82	30	
1,3,5-Trimethylbenzene	50.8		"	50.0		102	82-126		6.75	30	
1,3-Dichlorobenzene	50.6		"	50.0		101	84-124		7.19	30	
1,3-Dichloropropane	48.7		"	50.0		97.3	83-123		11.0	30	
1,4-Dichlorobenzene	50.5		"	50.0		101	84-124		7.45	30	
1,4-Dioxane	2040		"	1050		194	10-228		6.14	30	
2,2-Dichloropropane	48.0		"	50.0		96.0	67-136		8.22	30	
2-Butanone	47.9		"	50.0		95.8	58-147		2.56	30	
2-Chlorotoluene	51.1		"	50.0		102	78-127		5.94	30	
2-Hexanone	52.7		"	50.0		105	70-139		7.33	30	
4-Chlorotoluene	51.8		"	50.0		104	79-125		6.45	30	
4-Methyl-2-pentanone	38.4		"	50.0		76.8	72-132		6.20	30	
Acetone	38.4		"	50.0		76.8	36-155		2.37	30	
Acrolein	72.9		"	50.0		146	10-238		6.34	30	
Acrylonitrile	44.5		"	50.0		89.0	66-141		6.95	30	
Benzene	45.4		"	50.0		90.7	77-127		9.47	30	
Bromobenzene	50.4		"	50.0		101	77-129		5.07	30	
Bromochloromethane	46.1		"	50.0		92.2	74-129		11.9	30	
Bromodichloromethane	51.1		"	50.0		102	81-124		9.90	30	
Bromoform	55.8		"	50.0		112	80-136		10.5	30	
Bromomethane	43.9		"	50.0		87.9	32-177		10.1	30	
Carbon disulfide	45.6		"	50.0		91.3	10-136		9.81	30	
Carbon tetrachloride	48.9		"	50.0		97.9	66-143		11.1	30	
Chlorobenzene	52.1		"	50.0		104	86-120		9.24	30	
Chloroethane	45.0		"	50.0		90.0	51-142		8.60	30	
Chloroform	46.9		"	50.0		93.8	76-131		10.5	30	
Chloromethane	39.8		"	50.0		79.5	49-132		8.28	30	
cis-1,2-Dichloroethylene	46.2		"	50.0		92.4	74-132		9.10	30	
cis-1,3-Dichloropropylene	51.4		"	50.0		103	81-129		10.4	30	
Cyclohexane	45.9		"	50.0		91.8	70-130		8.26	30	
Dibromochloromethane	52.6		"	50.0		105	10-200		11.2	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20900 - EPA 5035A

LCS Dup (BE20900-BSD1)

Prepared & Analyzed: 05/23/2022

Dibromomethane	48.4		ug/L	50.0		96.8	83-124		11.1	30	
Dichlorodifluoromethane	33.5		"	50.0		67.0	28-158		8.37	30	
Ethyl Benzene	49.9		"	50.0		99.9	84-125		9.44	30	
Hexachlorobutadiene	51.2		"	50.0		102	83-133		6.72	30	
Isopropylbenzene	52.7		"	50.0		105	81-127		6.35	30	
Methyl acetate	43.0		"	50.0		86.0	41-143		6.48	30	
Methyl tert-butyl ether (MTBE)	50.0		"	50.0		100	74-131		13.6	30	
Methylcyclohexane	48.9		"	50.0		97.7	70-130		8.51	30	
Methylene chloride	45.3		"	50.0		90.6	57-141		10.1	30	
n-Butylbenzene	52.4		"	50.0		105	80-130		8.11	30	
n-Propylbenzene	51.3		"	50.0		103	74-136		6.23	30	
o-Xylene	51.5		"	50.0		103	83-123		10.1	30	
p- & m- Xylenes	102		"	100		102	82-128		10.1	30	
p-Isopropyltoluene	52.5		"	50.0		105	85-125		6.98	30	
sec-Butylbenzene	51.1		"	50.0		102	83-125		5.65	30	
Styrene	49.6		"	50.0		99.2	86-126		10.5	30	
tert-Butyl alcohol (TBA)	253		"	250		101	70-130		3.65	30	
tert-Butylbenzene	45.2		"	50.0		90.5	80-127		6.41	30	
Tetrachloroethylene	44.8		"	50.0		89.6	80-129		8.13	30	
Toluene	48.2		"	50.0		96.4	85-121		8.55	30	
trans-1,2-Dichloroethylene	44.6		"	50.0		89.2	72-132		8.80	30	
trans-1,3-Dichloropropylene	51.4		"	50.0		103	78-132		10.0	30	
Trichloroethylene	49.0		"	50.0		98.0	84-123		8.91	30	
Trichlorofluoromethane	46.1		"	50.0		92.2	62-140		8.62	30	
Vinyl acetate	54.3		"	50.0		109	67-136		9.27	30	
Vinyl Chloride	41.6		"	50.0		83.2	52-130		8.70	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	50.0		"	50.0		100	77-125				
Surrogate: SURR: Toluene-d8	51.6		"	50.0		103	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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20900 - EPA 5035A											
Matrix Spike (BE20900-MS1)	*Source sample: 22E0752-02 (EP002)						Prepared & Analyzed: 05/23/2022				
1,1,1,2-Tetrachloroethane	35.6		ug/L	50.0	0.00	71.2	15-161				
1,1,1-Trichloroethane	25.4		"	50.0	0.00	50.9	42-145				
1,1,2,2-Tetrachloroethane	46.6		"	50.0	0.00	93.1	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	20.7		"	50.0	0.00	41.4	11-160				
1,1,2-Trichloroethane	40.8		"	50.0	0.00	81.5	44-145				
1,1-Dichloroethane	28.2		"	50.0	0.00	56.3	46-142				
1,1-Dichloroethylene	23.4		"	50.0	0.00	46.9	30-153				
1,1-Dichloropropylene	23.6		"	50.0	0.00	47.3	40-133				
1,2,3-Trichlorobenzene	33.5		"	50.0	0.00	67.0	10-157				
1,2,3-Trichloropropane	46.4		"	50.0	0.00	92.8	38-155				
1,2,4-Trichlorobenzene	32.5		"	50.0	0.00	65.0	10-151				
1,2,4-Trimethylbenzene	32.9		"	50.0	0.00	65.9	10-170				
1,2-Dibromo-3-chloropropane	46.7		"	50.0	0.00	93.4	36-138				
1,2-Dibromoethane	41.9		"	50.0	0.00	83.8	40-142				
1,2-Dichlorobenzene	35.8		"	50.0	0.00	71.5	10-147				
1,2-Dichloroethane	37.2		"	50.0	0.00	74.5	48-133				
1,2-Dichloropropane	34.5		"	50.0	0.00	68.9	47-141				
1,3,5-Trimethylbenzene	30.8		"	50.0	0.00	61.6	10-150				
1,3-Dichlorobenzene	33.3		"	50.0	0.00	66.6	10-144				
1,3-Dichloropropane	39.5		"	50.0	0.00	79.1	43-142				
1,4-Dichlorobenzene	33.9		"	50.0	0.00	67.8	10-160				
1,4-Dioxane	2020		"	1050	0.00	192	10-191	High Bias			
2,2-Dichloropropane	25.0		"	50.0	0.00	50.0	38-130				
2-Butanone	45.1		"	50.0	0.00	90.1	10-189				
2-Chlorotoluene	32.4		"	50.0	0.00	64.9	14-144				
2-Hexanone	48.1		"	50.0	0.00	96.2	10-181				
4-Chlorotoluene	32.5		"	50.0	0.00	64.9	15-138				
4-Methyl-2-pentanone	35.4		"	50.0	0.00	70.8	10-166				
Acetone	40.2		"	50.0	3.10	74.1	10-196				
Acrolein	66.3		"	50.0	0.00	133	10-192				
Acrylonitrile	43.6		"	50.0	0.00	87.2	13-161				
Benzene	28.7		"	50.0	0.00	57.5	43-139				
Bromobenzene	36.5		"	50.0	0.00	73.1	23-142				
Bromochloromethane	36.2		"	50.0	0.00	72.5	38-145				
Bromodichloromethane	36.1		"	50.0	0.00	72.2	38-147				
Bromoform	44.6		"	50.0	0.00	89.3	29-156				
Bromomethane	27.5		"	50.0	0.00	55.1	10-166				
Carbon disulfide	23.1		"	50.0	0.00	46.3	10-131				
Carbon tetrachloride	24.1		"	50.0	0.00	48.2	35-145				
Chlorobenzene	34.8		"	50.0	0.00	69.6	21-154				
Chloroethane	26.4		"	50.0	0.00	52.7	15-160				
Chloroform	32.4		"	50.0	0.00	64.7	47-142				
Chloromethane	22.7		"	50.0	0.00	45.4	10-159				
cis-1,2-Dichloroethylene	29.8		"	50.0	0.00	59.7	42-144				
cis-1,3-Dichloropropylene	35.9		"	50.0	0.00	71.7	18-159				
Cyclohexane	23.1		"	50.0	0.00	46.1	70-130	Low Bias			
Dibromochloromethane	40.2		"	50.0	0.00	80.5	10-179				
Dibromomethane	39.0		"	50.0	0.00	77.9	47-143				
Dichlorodifluoromethane	16.5		"	50.0	0.00	32.9	10-145				
Ethyl Benzene	30.4		"	50.0	0.00	60.8	11-158				
Hexachlorobutadiene	25.4		"	50.0	0.00	50.8	10-158				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20900 - EPA 5035A											
Matrix Spike (BE20900-MS1)	*Source sample: 22E0752-02 (EP002)						Prepared & Analyzed: 05/23/2022				
Isopropylbenzene	30.9		ug/L	50.0	0.00	61.9	10-162				
Methyl acetate	49.9		"	50.0	0.00	99.8	10-149				
Methyl tert-butyl ether (MTBE)	41.7		"	50.0	0.00	83.5	42-152				
Methylcyclohexane	23.0		"	50.0	0.00	45.9	70-130	Low Bias			
Methylene chloride	58.5		"	50.0	34.9	47.3	28-151				
n-Butylbenzene	27.4		"	50.0	0.00	54.8	10-162				
n-Propylbenzene	29.8		"	50.0	0.00	59.6	10-155				
o-Xylene	33.1		"	50.0	0.00	66.2	10-158				
p- & m- Xylenes	61.4		"	100	0.00	61.4	10-156				
p-Isopropyltoluene	29.7		"	50.0	0.00	59.4	10-147				
sec-Butylbenzene	28.7		"	50.0	0.00	57.3	10-157				
Styrene	33.0		"	50.0	0.00	65.9	13-171				
tert-Butyl alcohol (TBA)	237		"	250	0.00	94.7	34-179				
tert-Butylbenzene	26.3		"	50.0	0.00	52.5	10-160				
Tetrachloroethylene	24.2		"	50.0	0.00	48.4	30-167				
Toluene	29.7		"	50.0	0.00	59.5	21-160				
trans-1,2-Dichloroethylene	26.5		"	50.0	0.00	53.0	29-153				
trans-1,3-Dichloropropylene	38.2		"	50.0	0.00	76.3	18-155				
Trichloroethylene	28.8		"	50.0	0.00	57.5	24-169				
Trichlorofluoromethane	23.1		"	50.0	0.00	46.1	35-142				
Vinyl acetate	34.3		"	50.0	0.00	68.6	10-119				
Vinyl Chloride	22.1		"	50.0	0.00	44.3	12-160				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>51.5</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>77-125</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>51.3</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>85-120</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>51.3</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>76-130</i>				
Matrix Spike Dup (BE20900-MSD1)	*Source sample: 22E0752-02 (EP002)						Prepared & Analyzed: 05/23/2022				
1,1,1,2-Tetrachloroethane	40.6		ug/L	50.0	0.00	81.3	15-161		13.2	33	
1,1,1-Trichloroethane	34.7		"	50.0	0.00	69.5	42-145		30.9	30	Non-dir.
1,1,2,2-Tetrachloroethane	47.6		"	50.0	0.00	95.3	16-167		2.31	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	30.1		"	50.0	0.00	60.3	11-160		37.2	31	Non-dir.
1,1,2-Trichloroethane	44.2		"	50.0	0.00	88.4	44-145		8.12	40	
1,1-Dichloroethane	35.3		"	50.0	0.00	70.7	46-142		22.6	36	
1,1-Dichloroethylene	32.6		"	50.0	0.00	65.2	30-153		32.7	31	Non-dir.
1,1-Dichloropropylene	32.3		"	50.0	0.00	64.6	40-133		31.0	28	Non-dir.
1,2,3-Trichlorobenzene	35.5		"	50.0	0.00	71.0	10-157		5.83	47	
1,2,3-Trichloropropane	48.9		"	50.0	0.00	97.8	38-155		5.23	48	
1,2,4-Trichlorobenzene	35.0		"	50.0	0.00	70.1	10-151		7.52	52	
1,2,4-Trimethylbenzene	37.4		"	50.0	0.00	74.7	10-170		12.6	242	
1,2-Dibromo-3-chloropropane	48.6		"	50.0	0.00	97.3	36-138		4.03	54	
1,2-Dibromoethane	45.8		"	50.0	0.00	91.5	40-142		8.78	39	
1,2-Dichlorobenzene	37.9		"	50.0	0.00	75.9	10-147		5.89	52	
1,2-Dichloroethane	41.8		"	50.0	0.00	83.7	48-133		11.7	32	
1,2-Dichloropropane	41.7		"	50.0	0.00	83.3	47-141		18.9	37	
1,3,5-Trimethylbenzene	35.9		"	50.0	0.00	71.8	10-150		15.3	62	
1,3-Dichlorobenzene	36.9		"	50.0	0.00	73.8	10-144		10.3	51	
1,3-Dichloropropane	43.4		"	50.0	0.00	86.8	43-142		9.31	36	
1,4-Dichlorobenzene	37.2		"	50.0	0.00	74.3	10-160		9.15	52	
1,4-Dioxane	2230		"	1050	0.00	213	10-191	High Bias	9.98	196	
2,2-Dichloropropane	35.0		"	50.0	0.00	70.0	38-130		33.2	31	Non-dir.
2-Butanone	48.6		"	50.0	0.00	97.3	10-189		7.62	67	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20900 - EPA 5035A											
Matrix Spike Dup (BE20900-MSD1)	*Source sample: 22E0752-02 (EP002)						Prepared & Analyzed: 05/23/2022				
2-Chlorotoluene	37.4		ug/L	50.0	0.00	74.7	14-144		14.0	49	
2-Hexanone	51.5		"	50.0	0.00	103	10-181		6.89	60	
4-Chlorotoluene	37.4		"	50.0	0.00	74.8	15-138		14.1	39	
4-Methyl-2-pentanone	38.8		"	50.0	0.00	77.7	10-166		9.29	47	
Acetone	40.4		"	50.0	3.10	74.7	10-196		0.695	150	
Acrolein	49.7		"	50.0	0.00	99.3	10-192		28.7	128	
Acrylonitrile	45.4		"	50.0	0.00	90.7	13-161		3.98	48	
Benzene	36.2		"	50.0	0.00	72.5	43-139		23.1	64	
Bromobenzene	39.9		"	50.0	0.00	79.7	23-142		8.72	44	
Bromochloromethane	40.4		"	50.0	0.00	80.7	38-145		10.7	30	
Bromodichloromethane	41.9		"	50.0	0.00	83.7	38-147		14.8	37	
Bromoform	50.5		"	50.0	0.00	101	29-156		12.2	51	
Bromomethane	34.6		"	50.0	0.00	69.2	10-166		22.8	42	
Carbon disulfide	33.2		"	50.0	0.00	66.4	10-131		35.8	36	
Carbon tetrachloride	34.0		"	50.0	0.00	68.0	35-145		34.0	31	Non-dir.
Chlorobenzene	41.5		"	50.0	0.00	83.1	21-154		17.7	32	
Chloroethane	34.6		"	50.0	0.00	69.3	15-160		27.1	40	
Chloroform	38.7		"	50.0	0.00	77.4	47-142		17.9	29	
Chloromethane	31.2		"	50.0	0.00	62.5	10-159		31.6	31	Non-dir.
cis-1,2-Dichloroethylene	36.5		"	50.0	0.00	73.0	42-144		20.0	30	
cis-1,3-Dichloropropylene	41.7		"	50.0	0.00	83.4	18-159		15.0	39	
Cyclohexane	32.8		"	50.0	0.00	65.7	70-130	Low Bias	35.0	30	Non-dir.
Dibromochloromethane	44.8		"	50.0	0.00	89.7	10-179		10.8	41	
Dibromomethane	43.8		"	50.0	0.00	87.6	47-143		11.7	41	
Dichlorodifluoromethane	23.9		"	50.0	0.00	47.8	10-145		36.8	34	Non-dir.
Ethyl Benzene	37.8		"	50.0	0.00	75.5	11-158		21.7	42	
Hexachlorobutadiene	27.3		"	50.0	0.00	54.6	10-158		7.25	45	
Isopropylbenzene	37.5		"	50.0	0.00	74.9	10-162		19.1	57	
Methyl acetate	61.3		"	50.0	0.00	123	10-149		20.5	64	
Methyl tert-butyl ether (MTBE)	46.3		"	50.0	0.00	92.6	42-152		10.4	47	
Methylcyclohexane	31.9		"	50.0	0.00	63.9	70-130	Low Bias	32.6	30	Non-dir.
Methylene chloride	81.5		"	50.0	34.9	93.2	28-151		32.8	49	
n-Butylbenzene	32.0		"	50.0	0.00	64.0	10-162		15.4	96	
n-Propylbenzene	35.5		"	50.0	0.00	71.0	10-155		17.5	56	
o-Xylene	39.6		"	50.0	0.00	79.1	10-158		17.8	51	
p- & m- Xylenes	75.3		"	100	0.00	75.3	10-156		20.3	47	
p-Isopropyltoluene	34.3		"	50.0	0.00	68.7	10-147		14.5	60	
sec-Butylbenzene	34.3		"	50.0	0.00	68.7	10-157		18.0	56	
Styrene	38.5		"	50.0	0.00	76.9	13-171		15.4	39	
tert-Butyl alcohol (TBA)	269		"	250	0.00	108	34-179		12.9	35	
tert-Butylbenzene	31.3		"	50.0	0.00	62.7	10-160		17.6	79	
Tetrachloroethylene	31.6		"	50.0	0.00	63.2	30-167		26.6	33	
Toluene	37.2		"	50.0	0.00	74.5	21-160		22.4	50	
trans-1,2-Dichloroethylene	34.4		"	50.0	0.00	68.7	29-153		25.9	30	
trans-1,3-Dichloropropylene	43.5		"	50.0	0.00	87.0	18-155		13.1	30	
Trichloroethylene	37.5		"	50.0	0.00	75.0	24-169		26.4	30	
Trichlorofluoromethane	33.0		"	50.0	0.00	66.0	35-142		35.4	30	Non-dir.
Vinyl acetate	25.4		"	50.0	0.00	50.9	10-119		29.6	82	
Vinyl Chloride	31.5		"	50.0	0.00	63.0	12-160		34.9	35	
Surrogate: SURRE: 1,2-Dichloroethane-d4	51.7		"	50.0		103	77-125				
Surrogate: SURRE: Toluene-d8	51.2		"	50.0		102	85-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20900 - EPA 5035A

Matrix Spike Dup (BE20900-MSD1)

*Source sample: 22E0752-02 (EP002)

Prepared & Analyzed: 05/23/2022

Surrogate: SURR: p-Bromofluorobenzene 50.3 ug/L 50.0 101 76-130

Batch BE21347 - EPA 5030B

Blank (BE21347-BLK1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

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	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21347 - EPA 5030B

Blank (BE21347-BLK1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

Isopropylbenzene	ND	0.500	ug/L
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	9.55	"	10.0	95.5	69-130
Surrogate: SURR: Toluene-d8	10.6	"	10.0	106	81-117
Surrogate: SURR: p-Bromofluorobenzene	11.8	"	10.0	118	79-122



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21347 - EPA 5030B											
LCS (BE21347-BS1)						Prepared: 05/23/2022 Analyzed: 05/24/2022					
1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126				
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-136				
1,1,2,2-Tetrachloroethane	9.20		"	10.0		92.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	8.63		"	10.0		86.3	82-123				
1,1-Dichloroethane	9.57		"	10.0		95.7	82-129				
1,1-Dichloroethylene	9.81		"	10.0		98.1	68-138				
1,2,3-Trichlorobenzene	6.78		"	10.0		67.8	76-136	Low Bias			
1,2,3-Trichloropropane	9.14		"	10.0		91.4	77-128				
1,2,4-Trichlorobenzene	7.95		"	10.0		79.5	76-137				
1,2,4-Trimethylbenzene	9.63		"	10.0		96.3	82-132				
1,2-Dibromo-3-chloropropane	7.33		"	10.0		73.3	45-147				
1,2-Dibromoethane	8.72		"	10.0		87.2	83-124				
1,2-Dichlorobenzene	9.36		"	10.0		93.6	79-123				
1,2-Dichloroethane	9.87		"	10.0		98.7	73-132				
1,2-Dichloropropane	8.11		"	10.0		81.1	78-126				
1,3,5-Trimethylbenzene	9.36		"	10.0		93.6	80-131				
1,3-Dichlorobenzene	9.49		"	10.0		94.9	86-122				
1,3-Dichloropropane	8.58		"	10.0		85.8	81-125				
1,4-Dichlorobenzene	9.54		"	10.0		95.4	85-124				
1,4-Dioxane	373		"	210		177	10-349				
2-Butanone	10.4		"	10.0		104	49-152				
2-Hexanone	9.55		"	10.0		95.5	51-146				
4-Methyl-2-pentanone	9.15		"	10.0		91.5	57-145				
Acetone	13.0		"	10.0		130	14-150				
Acrolein	12.6		"	10.0		126	10-153				
Acrylonitrile	9.40		"	10.0		94.0	51-150				
Benzene	9.48		"	10.0		94.8	85-126				
Bromochloromethane	9.74		"	10.0		97.4	77-128				
Bromodichloromethane	7.91		"	10.0		79.1	79-128				
Bromoform	8.42		"	10.0		84.2	78-133				
Bromomethane	7.34		"	10.0		73.4	43-168				
Carbon disulfide	9.57		"	10.0		95.7	68-146				
Carbon tetrachloride	10.1		"	10.0		101	77-141				
Chlorobenzene	9.69		"	10.0		96.9	88-120				
Chloroethane	11.5		"	10.0		115	65-136				
Chloroform	9.74		"	10.0		97.4	82-128				
Chloromethane	12.6		"	10.0		126	43-155				
cis-1,2-Dichloroethylene	9.32		"	10.0		93.2	83-129				
cis-1,3-Dichloropropylene	7.54		"	10.0		75.4	80-131	Low Bias			
Cyclohexane	4.54		"	10.0		45.4	63-149	Low Bias			
Dibromochloromethane	8.52		"	10.0		85.2	80-130				
Dibromomethane	7.83		"	10.0		78.3	72-134				
Dichlorodifluoromethane	9.45		"	10.0		94.5	44-144				
Ethyl Benzene	9.30		"	10.0		93.0	80-131				
Hexachlorobutadiene	8.47		"	10.0		84.7	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl acetate	8.85		"	10.0		88.5	51-139				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methyleyclohexane	8.71		"	10.0		87.1	72-143				
Methylene chloride	11.1		"	10.0		111	55-137				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21347 - EPA 5030B

LCS (BE21347-BS1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

Naphthalene	8.62		ug/L	10.0		86.2	70-147				
n-Butylbenzene	9.53		"	10.0		95.3	79-132				
n-Propylbenzene	9.88		"	10.0		98.8	78-133				
o-Xylene	8.55		"	10.0		85.5	78-130				
p- & m- Xylenes	18.1		"	20.0		90.4	77-133				
p-Diethylbenzene	10.1		"	10.0		101	84-134				
p-Ethyltoluene	11.5		"	10.0		115	88-129				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	11.6		"	10.0		116	79-137				
Styrene	8.14		"	10.0		81.4	67-132				
tert-Butyl alcohol (TBA)	61.9		"	50.0		124	25-162				
tert-Butylbenzene	7.23		"	10.0		72.3	77-138	Low Bias			
Tetrachloroethylene	8.01		"	10.0		80.1	82-131	Low Bias			
Toluene	9.24		"	10.0		92.4	80-127				
trans-1,2-Dichloroethylene	9.53		"	10.0		95.3	80-132				
trans-1,3-Dichloropropylene	8.35		"	10.0		83.5	78-131				
Trichloroethylene	7.66		"	10.0		76.6	82-128	Low Bias			
Trichlorofluoromethane	12.4		"	10.0		124	67-139				
Vinyl Chloride	10.9		"	10.0		109	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.54		"	10.0		95.4	79-122				

LCS Dup (BE21347-BSD1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

1,1,1,2-Tetrachloroethane	8.69		ug/L	10.0		86.9	82-126		3.62	30	
1,1,1-Trichloroethane	7.90		"	10.0		79.0	78-136		19.2	30	
1,1,2,2-Tetrachloroethane	9.73		"	10.0		97.3	76-129		5.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.78		"	10.0		87.8	54-165		16.7	30	
1,1,2-Trichloroethane	8.15		"	10.0		81.5	82-123	Low Bias	5.72	30	
1,1-Dichloroethane	8.33		"	10.0		83.3	82-129		13.9	30	
1,1-Dichloroethylene	8.38		"	10.0		83.8	68-138		15.7	30	
1,2,3-Trichlorobenzene	8.51		"	10.0		85.1	76-136		22.6	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		14.1	30	
1,2,4-Trichlorobenzene	9.35		"	10.0		93.5	76-137		16.2	30	
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	82-132		3.59	30	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	45-147		18.3	30	
1,2-Dibromoethane	9.33		"	10.0		93.3	83-124		6.76	30	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	79-123		1.72	30	
1,2-Dichloroethane	8.03		"	10.0		80.3	73-132		20.6	30	
1,2-Dichloropropane	9.19		"	10.0		91.9	78-126		12.5	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		8.39	30	
1,3-Dichlorobenzene	9.32		"	10.0		93.2	86-122		1.81	30	
1,3-Dichloropropane	8.07		"	10.0		80.7	81-125	Low Bias	6.13	30	
1,4-Dichlorobenzene	9.75		"	10.0		97.5	85-124		2.18	30	
1,4-Dioxane	413		"	210		197	10-349		10.2	30	
2-Butanone	9.36		"	10.0		93.6	49-152		10.5	30	
2-Hexanone	9.16		"	10.0		91.6	51-146		4.17	30	
4-Methyl-2-pentanone	10.5		"	10.0		105	57-145		14.1	30	
Acetone	11.2		"	10.0		112	14-150		15.4	30	
Acrolein	11.7		"	10.0		117	10-153		7.32	30	
Acrylonitrile	9.78		"	10.0		97.8	51-150		3.96	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21347 - EPA 5030B											
LCS Dup (BE21347-BSD1)						Prepared: 05/23/2022 Analyzed: 05/24/2022					
Benzene	8.77		ug/L	10.0		87.7	85-126		7.78	30	
Bromochloromethane	9.56		"	10.0		95.6	77-128		1.87	30	
Bromodichloromethane	8.45		"	10.0		84.5	79-128		6.60	30	
Bromoform	8.39		"	10.0		83.9	78-133		0.357	30	
Bromomethane	0.950		"	10.0		9.50	43-168	Low Bias	154	30	Non-dir.
Carbon disulfide	8.51		"	10.0		85.1	68-146		11.7	30	
Carbon tetrachloride	8.04		"	10.0		80.4	77-141		22.9	30	
Chlorobenzene	9.43		"	10.0		94.3	88-120		2.72	30	
Chloroethane	8.26		"	10.0		82.6	65-136		32.5	30	Non-dir.
Chloroform	8.61		"	10.0		86.1	82-128		12.3	30	
Chloromethane	8.63		"	10.0		86.3	43-155		37.3	30	Non-dir.
cis-1,2-Dichloroethylene	8.60		"	10.0		86.0	83-129		8.04	30	
cis-1,3-Dichloropropylene	9.71		"	10.0		97.1	80-131		25.2	30	
Cyclohexane	3.96		"	10.0		39.6	63-149	Low Bias	13.6	30	
Dibromochloromethane	8.94		"	10.0		89.4	80-130		4.81	30	
Dibromomethane	8.35		"	10.0		83.5	72-134		6.43	30	
Dichlorodifluoromethane	4.81		"	10.0		48.1	44-144		65.1	30	Non-dir.
Ethyl Benzene	9.16		"	10.0		91.6	80-131		1.52	30	
Hexachlorobutadiene	9.30		"	10.0		93.0	67-146		9.34	30	
Isopropylbenzene	11.4		"	10.0		114	76-140		4.50	30	
Methyl acetate	9.68		"	10.0		96.8	51-139		8.96	30	
Methyl tert-butyl ether (MTBE)	9.58		"	10.0		95.8	76-135		8.69	30	
Methylcyclohexane	9.46		"	10.0		94.6	72-143		8.26	30	
Methylene chloride	10.1		"	10.0		101	55-137		9.26	30	
Naphthalene	16.6		"	10.0		166	70-147	High Bias	63.5	30	Non-dir.
n-Butylbenzene	9.49		"	10.0		94.9	79-132		0.421	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		12.7	30	
o-Xylene	8.73		"	10.0		87.3	78-130		2.08	30	
p- & m- Xylenes	18.2		"	20.0		91.0	77-133		0.606	30	
p-Diethylbenzene	10.1		"	10.0		101	84-134		0.395	30	
p-Ethyltoluene	12.5		"	10.0		125	88-129		8.27	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		3.38	30	
sec-Butylbenzene	11.3		"	10.0		113	79-137		3.14	30	
Styrene	8.49		"	10.0		84.9	67-132		4.21	30	
tert-Butyl alcohol (TBA)	53.3		"	50.0		107	25-162		15.0	30	
tert-Butylbenzene	7.89		"	10.0		78.9	77-138		8.73	30	
Tetrachloroethylene	7.42		"	10.0		74.2	82-131	Low Bias	7.65	30	
Toluene	9.20		"	10.0		92.0	80-127		0.434	30	
trans-1,2-Dichloroethylene	8.82		"	10.0		88.2	80-132		7.74	30	
trans-1,3-Dichloropropylene	8.49		"	10.0		84.9	78-131		1.66	30	
Trichloroethylene	8.44		"	10.0		84.4	82-128		9.69	30	
Trichlorofluoromethane	9.33		"	10.0		93.3	67-139		28.3	30	
Vinyl Chloride	6.58		"	10.0		65.8	58-145		49.6	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	8.68		"	10.0		86.8	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.3		"	10.0		113	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21228 - EPA 3546 SVOA

Blank (BE21228-BLK1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21228 - EPA 3546 SVOA

Blank (BE21228-BLK1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	0.702		"	1.66		42.2	20-108				
Surrogate: SURR: Phenol-d5	0.664		"	1.66		40.0	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.402		"	0.831		48.4	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.368		"	0.831		44.4	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.856		"	1.66		51.6	19-110				
Surrogate: SURR: Terphenyl-d14	0.422		"	0.831		50.8	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21228 - EPA 3546 SVOA											
LCS (BE21228-BS1)						Prepared: 05/23/2022 Analyzed: 05/24/2022					
1,1-Biphenyl	0.409	0.0416	mg/kg wet	0.831		49.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.451	0.0830	"	0.831		54.3	21-131				
1,2,4-Trichlorobenzene	0.431	0.0416	"	0.831		51.8	10-140				
1,2-Dichlorobenzene	0.380	0.0416	"	0.831		45.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.417	0.0416	"	0.831		50.2	17-137				
1,3-Dichlorobenzene	0.374	0.0416	"	0.831		45.1	33-110				
1,4-Dichlorobenzene	0.374	0.0416	"	0.831		45.0	32-104				
2,3,4,6-Tetrachlorophenol	0.449	0.0830	"	0.831		54.1	30-130				
2,4,5-Trichlorophenol	0.426	0.0416	"	0.831		51.3	27-118				
2,4,6-Trichlorophenol	0.401	0.0416	"	0.831		48.2	31-120				
2,4-Dichlorophenol	0.451	0.0416	"	0.831		54.3	20-127				
2,4-Dimethylphenol	0.435	0.0416	"	0.831		52.4	14-132				
2,4-Dinitrophenol	0.347	0.0830	"	0.831		41.7	10-171				
2,4-Dinitrotoluene	0.459	0.0416	"	0.831		55.3	34-131				
2,6-Dinitrotoluene	0.481	0.0416	"	0.831		58.0	31-128				
2-Chloronaphthalene	0.402	0.0416	"	0.831		48.4	31-117				
2-Chlorophenol	0.378	0.0416	"	0.831		45.5	33-113				
2-Methylnaphthalene	0.407	0.0416	"	0.831		49.0	12-138				
2-Methylphenol	0.372	0.0416	"	0.831		44.8	10-136				
2-Nitroaniline	0.419	0.0830	"	0.831		50.5	27-132				
2-Nitrophenol	0.487	0.0416	"	0.831		58.6	17-129				
3- & 4-Methylphenols	0.335	0.0416	"	0.831		40.3	29-103				
3,3-Dichlorobenzidine	0.396	0.0416	"	0.831		47.7	22-149				
3-Nitroaniline	0.353	0.0830	"	0.831		42.5	20-133				
4,6-Dinitro-2-methylphenol	0.518	0.0830	"	0.831		62.3	10-143				
4-Bromophenyl phenyl ether	0.440	0.0416	"	0.831		52.9	29-120				
4-Chloro-3-methylphenol	0.437	0.0416	"	0.831		52.6	24-129				
4-Chloroaniline	0.317	0.0416	"	0.831		38.2	10-132				
4-Chlorophenyl phenyl ether	0.419	0.0416	"	0.831		50.4	27-124				
4-Nitroaniline	0.394	0.0830	"	0.831		47.4	16-128				
4-Nitrophenol	0.413	0.0830	"	0.831		49.8	10-141				
Acenaphthene	0.400	0.0416	"	0.831		48.2	30-121				
Acenaphthylene	0.363	0.0416	"	0.831		43.7	30-115				
Acetophenone	0.385	0.0416	"	0.831		46.4	20-112				
Aniline	0.323	0.166	"	0.831		38.9	10-119				
Anthracene	0.394	0.0416	"	0.831		47.4	34-118				
Atrazine	0.501	0.0416	"	0.831		60.4	26-112				
Benzaldehyde	0.415	0.0416	"	0.831		49.9	21-100				
Benzo(a)anthracene	0.419	0.0416	"	0.831		50.4	32-122				
Benzo(a)pyrene	0.415	0.0416	"	0.831		50.0	29-133				
Benzo(b)fluoranthene	0.429	0.0416	"	0.831		51.7	25-133				
Benzo(g,h,i)perylene	0.445	0.0416	"	0.831		53.5	10-143				
Benzo(k)fluoranthene	0.434	0.0416	"	0.831		52.3	25-128				
Benzoic acid	0.0797	0.0416	"	0.831		9.60	10-140	Low Bias			
Benzyl alcohol	0.362	0.0416	"	0.831		43.6	30-115				
Benzyl butyl phthalate	0.434	0.0416	"	0.831		52.3	26-126				
Bis(2-chloroethoxy)methane	0.376	0.0416	"	0.831		45.3	19-132				
Bis(2-chloroethyl)ether	0.322	0.0416	"	0.831		38.8	19-125				
Bis(2-chloroisopropyl)ether	0.288	0.0416	"	0.831		34.6	20-135				
Bis(2-ethylhexyl)phthalate	0.436	0.0416	"	0.831		52.4	10-155				
Caprolactam	0.450	0.0830	"	0.831		54.1	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21228 - EPA 3546 SVOA

LCS (BE21228-BS1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

Carbazole	0.420	0.0416	mg/kg wet	0.831		50.6	35-123				
Chrysene	0.405	0.0416	"	0.831		48.8	32-123				
Dibenzo(a,h)anthracene	0.441	0.0416	"	0.831		53.0	10-136				
Dibenzofuran	0.402	0.0416	"	0.831		48.4	29-121				
Diethyl phthalate	0.417	0.0416	"	0.831		50.2	34-116				
Dimethyl phthalate	0.401	0.0416	"	0.831		48.2	35-124				
Di-n-butyl phthalate	0.430	0.0416	"	0.831		51.8	31-116				
Di-n-octyl phthalate	0.442	0.0416	"	0.831		53.2	26-136				
Fluoranthene	0.414	0.0416	"	0.831		49.8	33-122				
Fluorene	0.404	0.0416	"	0.831		48.7	29-123				
Hexachlorobenzene	0.420	0.0416	"	0.831		50.5	21-124				
Hexachlorobutadiene	0.520	0.0416	"	0.831		62.6	10-149				
Hexachlorocyclopentadiene	0.451	0.0416	"	0.831		54.4	10-129				
Hexachloroethane	0.387	0.0416	"	0.831		46.6	28-108				
Indeno(1,2,3-cd)pyrene	0.424	0.0416	"	0.831		51.0	10-135				
Isophorone	0.380	0.0416	"	0.831		45.7	20-132				
Naphthalene	0.399	0.0416	"	0.831		48.1	23-124				
Nitrobenzene	0.397	0.0416	"	0.831		47.8	13-132				
N-Nitrosodimethylamine	0.279	0.0416	"	0.831		33.6	11-129				
N-nitroso-di-n-propylamine	0.331	0.0416	"	0.831		39.8	24-119				
N-Nitrosodiphenylamine	0.516	0.0416	"	0.831		62.1	22-152				
Pentachlorophenol	0.331	0.0416	"	0.831		39.9	10-139				
Phenanthrene	0.392	0.0416	"	0.831		47.2	33-123				
Phenol	0.384	0.0416	"	0.831		46.2	23-115				
Pyrene	0.381	0.0416	"	0.831		45.9	24-130				
Pyridine	0.260	0.166	"	0.831		31.4	10-91				
Surrogate: SURR: 2-Fluorophenol	0.713		"	1.66		42.9	20-108				
Surrogate: SURR: Phenol-d5	0.700		"	1.66		42.1	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.416		"	0.831		50.0	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.382		"	0.831		46.0	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.870		"	1.66		52.4	19-110				
Surrogate: SURR: Terphenyl-d14	0.430		"	0.831		51.7	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21228 - EPA 3546 SVOA											
Matrix Spike (BE21228-MS1)		*Source sample: 22E0752-02 (EP002)					Prepared: 05/23/2022 Analyzed: 05/24/2022				
1,1-Biphenyl	0.142	0.0860	mg/kg dry	0.859	ND	16.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.159	0.172	"	0.859	ND	18.5	10-133				
1,2,4-Trichlorobenzene	0.147	0.0860	"	0.859	ND	17.1	10-127				
1,2-Dichlorobenzene	0.131	0.0860	"	0.859	ND	15.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.147	0.0860	"	0.859	ND	17.1	10-144				
1,3-Dichlorobenzene	0.135	0.0860	"	0.859	ND	15.7	11-111				
1,4-Dichlorobenzene	0.134	0.0860	"	0.859	ND	15.6	10-106				
2,3,4,6-Tetrachlorophenol	0.152	0.172	"	0.859	ND	17.7	30-130	Low Bias			
2,4,5-Trichlorophenol	0.147	0.0860	"	0.859	ND	17.1	10-127				
2,4,6-Trichlorophenol	0.147	0.0860	"	0.859	ND	17.1	10-132				
2,4-Dichlorophenol	0.153	0.0860	"	0.859	ND	17.8	10-128				
2,4-Dimethylphenol	0.151	0.0860	"	0.859	ND	17.5	10-137				
2,4-Dinitrophenol	ND	0.172	"	0.859	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.164	0.0860	"	0.859	ND	19.0	16-135				
2,6-Dinitrotoluene	0.178	0.0860	"	0.859	ND	20.7	18-131				
2-Chloronaphthalene	0.143	0.0860	"	0.859	ND	16.6	10-129				
2-Chlorophenol	0.135	0.0860	"	0.859	ND	15.8	15-116				
2-Methylnaphthalene	0.144	0.0860	"	0.859	ND	16.8	10-147				
2-Methylphenol	0.132	0.0860	"	0.859	ND	15.4	10-136				
2-Nitroaniline	0.153	0.172	"	0.859	ND	17.8	10-137				
2-Nitrophenol	0.166	0.0860	"	0.859	ND	19.4	10-129				
3- & 4-Methylphenols	0.120	0.0860	"	0.859	ND	13.9	10-123				
3,3-Dichlorobenzidine	0.136	0.0860	"	0.859	ND	15.8	10-155				
3-Nitroaniline	0.145	0.172	"	0.859	ND	16.9	12-133				
4,6-Dinitro-2-methylphenol	0.164	0.172	"	0.859	ND	19.1	10-155				
4-Bromophenyl phenyl ether	0.162	0.0860	"	0.859	ND	18.8	14-128				
4-Chloro-3-methylphenol	0.162	0.0860	"	0.859	ND	18.9	10-134				
4-Chloroaniline	0.119	0.0860	"	0.859	ND	13.8	10-145				
4-Chlorophenyl phenyl ether	0.155	0.0860	"	0.859	ND	18.0	14-130				
4-Nitroaniline	0.151	0.172	"	0.859	ND	17.6	10-147				
4-Nitrophenol	0.157	0.172	"	0.859	ND	18.2	10-137				
Acenaphthene	0.151	0.0860	"	0.859	ND	17.6	10-146				
Acenaphthylene	0.135	0.0860	"	0.859	ND	15.8	10-134				
Acetophenone	0.135	0.0860	"	0.859	ND	15.8	10-116				
Aniline	ND	0.344	"	0.859	ND		10-123	Low Bias			
Anthracene	0.154	0.0860	"	0.859	ND	17.9	10-142				
Atrazine	0.175	0.0860	"	0.859	ND	20.3	19-115				
Benzaldehyde	0.142	0.0860	"	0.859	ND	16.5	10-125				
Benzo(a)anthracene	0.159	0.0860	"	0.859	ND	18.6	10-158				
Benzo(a)pyrene	0.153	0.0860	"	0.859	ND	17.8	10-180				
Benzo(b)fluoranthene	0.159	0.0860	"	0.859	ND	18.6	10-200				
Benzo(g,h,i)perylene	0.164	0.0860	"	0.859	ND	19.0	10-138				
Benzo(k)fluoranthene	0.161	0.0860	"	0.859	ND	18.7	10-197				
Benzoic acid	ND	0.0860	"	0.859	ND		10-166	Low Bias			
Benzyl alcohol	0.129	0.0860	"	0.859	ND	15.0	12-124				
Benzyl butyl phthalate	0.151	0.0860	"	0.859	ND	17.6	10-154				
Bis(2-chloroethoxy)methane	0.134	0.0860	"	0.859	ND	15.6	10-132				
Bis(2-chloroethyl)ether	0.117	0.0860	"	0.859	ND	13.6	10-119				
Bis(2-chloroisopropyl)ether	0.109	0.0860	"	0.859	ND	12.6	10-139				
Bis(2-ethylhexyl)phthalate	0.155	0.0860	"	0.859	ND	18.1	10-167				
Caprolactam	0.164	0.172	"	0.859	ND	19.1	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21228 - EPA 3546 SVOA

Matrix Spike (BE21228-MS1)		*Source sample: 22E0752-02 (EP002)					Prepared: 05/23/2022 Analyzed: 05/24/2022				
Carbazole	0.163	0.0860	mg/kg dry	0.859	ND	19.0	10-167				
Chrysene	0.154	0.0860	"	0.859	ND	17.9	10-156				
Dibenzo(a,h)anthracene	0.159	0.0860	"	0.859	ND	18.6	10-137				
Dibenzofuran	0.145	0.0860	"	0.859	ND	16.9	10-147				
Diethyl phthalate	0.154	0.0860	"	0.859	ND	17.9	20-120	Low Bias			
Dimethyl phthalate	0.153	0.0860	"	0.859	ND	17.8	18-131	Low Bias			
Di-n-butyl phthalate	0.157	0.0860	"	0.859	ND	18.3	10-137				
Di-n-octyl phthalate	0.158	0.0860	"	0.859	ND	18.4	10-180				
Fluoranthene	0.157	0.0860	"	0.859	ND	18.2	10-160				
Fluorene	0.151	0.0860	"	0.859	ND	17.5	10-157				
Hexachlorobenzene	0.154	0.0860	"	0.859	ND	17.9	10-137				
Hexachlorobutadiene	0.177	0.0860	"	0.859	ND	20.6	10-132				
Hexachlorocyclopentadiene	0.140	0.0860	"	0.859	ND	16.3	10-106				
Hexachloroethane	0.132	0.0860	"	0.859	ND	15.4	10-110				
Indeno(1,2,3-cd)pyrene	0.155	0.0860	"	0.859	ND	18.0	10-144				
Isophorone	0.135	0.0860	"	0.859	ND	15.7	10-132				
Naphthalene	0.142	0.0860	"	0.859	ND	16.5	10-141				
Nitrobenzene	0.144	0.0860	"	0.859	ND	16.7	10-131				
N-Nitrosodimethylamine	0.102	0.0860	"	0.859	ND	11.9	10-126				
N-nitroso-di-n-propylamine	0.116	0.0860	"	0.859	ND	13.5	10-125				
N-Nitrosodiphenylamine	0.193	0.0860	"	0.859	ND	22.5	10-177				
Pentachlorophenol	0.0790	0.0860	"	0.859	ND	9.20	10-153	Low Bias			
Phenanthrene	0.153	0.0860	"	0.859	ND	17.8	10-148				
Phenol	0.141	0.0860	"	0.859	ND	16.4	10-126				
Pyrene	0.140	0.0860	"	0.859	ND	16.2	10-165				
Pyridine	ND	0.344	"	0.859	ND		10-83	Low Bias			
Surrogate: SURR: 2-Fluorophenol	0.254		"	1.72		14.8	20-108				
Surrogate: SURR: Phenol-d5	0.247		"	1.72		14.4	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.147		"	0.859		17.1	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.140		"	0.859		16.3	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.329		"	1.72		19.2	19-110				
Surrogate: SURR: Terphenyl-d14	0.160		"	0.859		18.6	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21228 - EPA 3546 SVOA											
Matrix Spike Dup (BE21228-MSD1)	*Source sample: 22E0752-02 (EP002)						Prepared: 05/23/2022 Analyzed: 05/24/2022				
1,1-Biphenyl	0.149	0.0860	mg/kg dry	0.859	ND	17.4	10-130		4.72	30	
1,2,4,5-Tetrachlorobenzene	0.190	0.172	"	0.859	ND	22.1	10-133		17.8	30	
1,2,4-Trichlorobenzene	0.182	0.0860	"	0.859	ND	21.2	10-127		21.3	30	
1,2-Dichlorobenzene	0.165	0.0860	"	0.859	ND	19.2	14-111		22.7	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.170	0.0860	"	0.859	ND	19.8	10-144		14.7	30	
1,3-Dichlorobenzene	0.163	0.0860	"	0.859	ND	19.0	11-111		18.9	30	
1,4-Dichlorobenzene	0.158	0.0860	"	0.859	ND	18.4	10-106		16.5	30	
2,3,4,6-Tetrachlorophenol	0.164	0.172	"	0.859	ND	19.1	30-130	Low Bias	7.83	30	
2,4,5-Trichlorophenol	0.171	0.0860	"	0.859	ND	19.9	10-127		15.1	30	
2,4,6-Trichlorophenol	0.165	0.0860	"	0.859	ND	19.2	10-132		11.5	30	
2,4-Dichlorophenol	0.179	0.0860	"	0.859	ND	20.8	10-128		15.8	30	
2,4-Dimethylphenol	0.171	0.0860	"	0.859	ND	19.9	10-137		12.8	30	
2,4-Dinitrophenol	0.100	0.172	"	0.859	ND	11.7	10-171		15.5	30	
2,4-Dinitrotoluene	0.190	0.0860	"	0.859	ND	22.1	16-135		14.8	30	
2,6-Dinitrotoluene	0.190	0.0860	"	0.859	ND	22.1	18-131		6.36	30	
2-Chloronaphthalene	0.170	0.0860	"	0.859	ND	19.8	10-129		17.5	30	
2-Chlorophenol	0.162	0.0860	"	0.859	ND	18.9	15-116		18.0	30	
2-Methylnaphthalene	0.176	0.0860	"	0.859	ND	20.5	10-147		19.7	30	
2-Methylphenol	0.159	0.0860	"	0.859	ND	18.6	10-136		18.9	30	
2-Nitroaniline	0.175	0.172	"	0.859	ND	20.3	10-137		13.4	30	
2-Nitrophenol	0.198	0.0860	"	0.859	ND	23.0	10-129		17.4	30	
3- & 4-Methylphenols	0.148	0.0860	"	0.859	ND	17.3	10-123		21.5	30	
3,3-Dichlorobenzidine	0.146	0.0860	"	0.859	ND	17.0	10-155		6.83	30	
3-Nitroaniline	0.161	0.172	"	0.859	ND	18.7	12-133		10.3	30	
4,6-Dinitro-2-methylphenol	0.166	0.172	"	0.859	ND	19.4	10-155		1.25	30	
4-Bromophenyl phenyl ether	0.175	0.0860	"	0.859	ND	20.4	14-128		8.16	30	
4-Chloro-3-methylphenol	0.186	0.0860	"	0.859	ND	21.7	10-134		13.8	30	
4-Chloroaniline	0.140	0.0860	"	0.859	ND	16.2	10-145		16.0	30	
4-Chlorophenyl phenyl ether	0.178	0.0860	"	0.859	ND	20.7	14-130		14.0	30	
4-Nitroaniline	0.155	0.172	"	0.859	ND	18.1	10-147		2.69	30	
4-Nitrophenol	0.164	0.172	"	0.859	ND	19.0	10-137		4.29	30	
Acenaphthene	0.166	0.0860	"	0.859	ND	19.4	10-146		9.52	30	
Acenaphthylene	0.153	0.0860	"	0.859	ND	17.8	10-134		12.4	30	
Acetophenone	0.150	0.0860	"	0.859	ND	17.4	10-116		10.1	30	
Aniline	ND	0.344	"	0.859	ND		10-123	Low Bias		30	
Anthracene	0.167	0.0860	"	0.859	ND	19.4	10-142		8.14	30	
Atrazine	0.174	0.0860	"	0.859	ND	20.2	19-115		0.394	30	
Benzaldehyde	0.157	0.0860	"	0.859	ND	18.2	10-125		10.1	30	
Benzo(a)anthracene	0.168	0.0860	"	0.859	ND	19.6	10-158		5.45	30	
Benzo(a)pyrene	0.168	0.0860	"	0.859	ND	19.5	10-180		8.99	30	
Benzo(b)fluoranthene	0.172	0.0860	"	0.859	ND	20.0	10-200		7.47	30	
Benzo(g,h,i)perylene	0.178	0.0860	"	0.859	ND	20.7	10-138		8.45	30	
Benzo(k)fluoranthene	0.174	0.0860	"	0.859	ND	20.2	10-197		7.80	30	
Benzoic acid	ND	0.0860	"	0.859	ND		10-166	Low Bias		30	
Benzyl alcohol	0.148	0.0860	"	0.859	ND	17.2	12-124		13.4	30	
Benzyl butyl phthalate	0.164	0.0860	"	0.859	ND	19.1	10-154		8.28	30	
Bis(2-chloroethoxy)methane	0.162	0.0860	"	0.859	ND	18.9	10-132		19.0	30	
Bis(2-chloroethyl)ether	0.141	0.0860	"	0.859	ND	16.4	10-119		18.7	30	
Bis(2-chloroisopropyl)ether	0.129	0.0860	"	0.859	ND	15.0	10-139		17.3	30	
Bis(2-ethylhexyl)phthalate	0.168	0.0860	"	0.859	ND	19.5	10-167		7.66	30	
Caprolactam	0.172	0.172	"	0.859	ND	20.1	10-132		4.90	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21228 - EPA 3546 SVOA

Matrix Spike Dup (BE21228-MSD1)		*Source sample: 22E0752-02 (EP002)					Prepared: 05/23/2022 Analyzed: 05/24/2022				
Carbazole	0.173	0.0860	mg/kg dry	0.859	ND	20.2	10-167		6.14	30	
Chrysene	0.166	0.0860	"	0.859	ND	19.3	10-156		7.31	30	
Dibenzo(a,h)anthracene	0.175	0.0860	"	0.859	ND	20.4	10-137		9.45	30	
Dibenzofuran	0.166	0.0860	"	0.859	ND	19.4	10-147		13.7	30	
Diethyl phthalate	0.172	0.0860	"	0.859	ND	20.0	20-120		11.0	30	
Dimethyl phthalate	0.170	0.0860	"	0.859	ND	19.8	18-131		10.6	30	
Di-n-butyl phthalate	0.170	0.0860	"	0.859	ND	19.8	10-137		7.97	30	
Di-n-octyl phthalate	0.168	0.0860	"	0.859	ND	19.6	10-180		6.32	30	
Fluoranthene	0.167	0.0860	"	0.859	ND	19.4	10-160		6.37	30	
Fluorene	0.168	0.0860	"	0.859	ND	19.5	10-157		10.8	30	
Hexachlorobenzene	0.174	0.0860	"	0.859	ND	20.2	10-137		12.2	30	
Hexachlorobutadiene	0.202	0.0860	"	0.859	ND	23.5	10-132		13.4	30	
Hexachlorocyclopentadiene	0.154	0.0860	"	0.859	ND	17.9	10-106		9.35	30	
Hexachloroethane	0.164	0.0860	"	0.859	ND	19.0	10-110		21.4	30	
Indeno(1,2,3-cd)pyrene	0.170	0.0860	"	0.859	ND	19.8	10-144		9.73	30	
Isophorone	0.162	0.0860	"	0.859	ND	18.8	10-132		18.1	30	
Naphthalene	0.168	0.0860	"	0.859	ND	19.6	10-141		17.3	30	
Nitrobenzene	0.174	0.0860	"	0.859	ND	20.2	10-131		19.0	30	
N-Nitrosodimethylamine	0.120	0.0860	"	0.859	ND	14.0	10-126		16.0	30	
N-nitroso-di-n-propylamine	0.145	0.0860	"	0.859	ND	16.9	10-125		22.1	30	
N-Nitrosodiphenylamine	0.219	0.0860	"	0.859	ND	25.5	10-177		12.7	30	
Pentachlorophenol	0.0866	0.0860	"	0.859	ND	10.1	10-153		9.13	30	
Phenanthrene	0.166	0.0860	"	0.859	ND	19.4	10-148		8.17	30	
Phenol	0.162	0.0860	"	0.859	ND	18.8	10-126		13.6	30	
Pyrene	0.151	0.0860	"	0.859	ND	17.5	10-165		7.58	30	
Pyridine	ND	0.344	"	0.859	ND		10-83	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	0.304		"	1.72		17.7	20-108				
Surrogate: SURR: Phenol-d5	0.294		"	1.72		17.1	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.183		"	0.859		21.3	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.164		"	0.859		19.0	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	0.342		"	1.72		19.9	19-110				
Surrogate: SURR: Terphenyl-d14	0.170		"	0.859		19.8	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21269 - EPA 3510C

Blank (BE21269-BLK1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	5.00	"
Benzoic acid	ND	5.00	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21269 - EPA 3510C

Blank (BE21269-BLK1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	18.9		"	50.0		37.9	19.7-63.1				
Surrogate: SURR: Phenol-d5	8.99		"	50.0		18.0	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	18.0		"	25.0		72.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	18.0		"	25.0		71.9	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	52.7		"	50.0		105	39.3-151				
Surrogate: SURR: Terphenyl-d14	23.6		"	25.0		94.3	30.7-106				

Blank (BE21269-BLK2)

Prepared: 05/23/2022 Analyzed: 05/25/2022

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21269 - EPA 3510C											
LCS (BE21269-BS1)						Prepared: 05/22/2022 Analyzed: 05/24/2022					
1,1-Biphenyl	16.0	5.00	ug/L	25.0		64.1	33-95				
1,2,4,5-Tetrachlorobenzene	16.5	5.00	"	25.0		66.2	26-120				
1,2,4-Trichlorobenzene	17.2	5.00	"	25.0		68.6	20-118				
1,2-Dichlorobenzene	15.6	5.00	"	25.0		62.4	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	16.4	5.00	"	25.0		65.4	16-141				
1,3-Dichlorobenzene	14.7	5.00	"	25.0		58.9	23-117				
1,4-Dichlorobenzene	16.2	5.00	"	25.0		65.0	30-105				
2,3,4,6-Tetrachlorophenol	19.9	5.00	"	25.0		79.6	30-130				
2,4,5-Trichlorophenol	16.1	5.00	"	25.0		64.2	32-114				
2,4,6-Trichlorophenol	19.0	5.00	"	25.0		75.9	35-118				
2,4-Dichlorophenol	18.7	5.00	"	25.0		74.9	25-116				
2,4-Dimethylphenol	17.2	5.00	"	25.0		68.6	15-116				
2,4-Dinitrophenol	14.1	5.00	"	25.0		56.6	10-170				
2,4-Dinitrotoluene	22.6	5.00	"	25.0		90.5	41-128				
2,6-Dinitrotoluene	23.4	5.00	"	25.0		93.4	45-116				
2-Chloronaphthalene	17.3	5.00	"	25.0		69.1	33-112				
2-Chlorophenol	16.3	5.00	"	25.0		65.2	15-120				
2-Methylnaphthalene	17.4	5.00	"	25.0		69.4	24-118				
2-Methylphenol	14.1	5.00	"	25.0		56.3	10-110				
2-Nitroaniline	21.2	5.00	"	25.0		85.0	34-129				
2-Nitrophenol	20.1	5.00	"	25.0		80.4	28-118				
3- & 4-Methylphenols	11.0	5.00	"	25.0		44.1	10-107				
3,3-Dichlorobenzidine	14.0	5.00	"	25.0		55.8	15-187				
3-Nitroaniline	17.8	5.00	"	25.0		71.0	24-134				
4,6-Dinitro-2-methylphenol	19.1	5.00	"	25.0		76.4	10-153				
4-Bromophenyl phenyl ether	19.2	5.00	"	25.0		76.8	34-120				
4-Chloro-3-methylphenol	18.8	5.00	"	25.0		75.3	20-120				
4-Chloroaniline	15.2	5.00	"	25.0		60.6	10-147				
4-Chlorophenyl phenyl ether	18.4	5.00	"	25.0		73.8	27-121				
4-Nitroaniline	17.1	5.00	"	25.0		68.5	13-134				
4-Nitrophenol	5.96	5.00	"	25.0		23.8	10-131				
Acetophenone	16.1	5.00	"	25.0		64.5	25-110				
Aniline	19.5	5.00	"	25.0		78.0	10-117				
Benzaldehyde	15.4	5.00	"	25.0		61.7	29-117				
Benzoic acid	36.5	5.00	"	25.0		146	30-130	High Bias			
Benzyl alcohol	11.5	5.00	"	25.0		45.9	10-117				
Benzyl butyl phthalate	20.1	5.00	"	25.0		80.4	29-133				
Bis(2-chloroethoxy)methane	17.7	5.00	"	25.0		70.8	10-154				
Bis(2-chloroethyl)ether	30.0	5.00	"	25.0		120	17-125				
Bis(2-chloroisopropyl)ether	16.9	5.00	"	25.0		67.5	10-139				
Caprolactam	3.11	5.00	"	25.0		12.4	10-137				
Carbazole	19.0	5.00	"	25.0		75.8	42-126				
Dibenzofuran	18.1	5.00	"	25.0		72.2	36-113				
Diethyl phthalate	17.9	5.00	"	25.0		71.7	38-115				
Dimethyl phthalate	18.2	5.00	"	25.0		73.0	38-129				
Di-n-butyl phthalate	19.0	5.00	"	25.0		76.2	31-120				
Di-n-octyl phthalate	21.0	5.00	"	25.0		84.0	21-149				
Hexachlorocyclopentadiene	10.2	10.0	"	25.0		40.6	10-130				
Isophorone	17.6	5.00	"	25.0		70.6	25-127				
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		61.9	26-122				
N-Nitrosodiphenylamine	20.6	5.00	"	25.0		82.5	23-149				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21269 - EPA 3510C

LCS (BE21269-BS1)

Prepared: 05/22/2022 Analyzed: 05/24/2022

Phenol	7.44	5.00	ug/L	25.0		29.8	10-110				
Pyridine	7.30	5.00	"	25.5		28.6	10-90				
Surrogate: SURR: 2-Fluorophenol	18.5		"	50.0		36.9	19.7-63.1				
Surrogate: SURR: Phenol-d5	10.8		"	50.0		21.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	16.5		"	25.0		66.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.4		"	25.0		65.7	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	46.9		"	50.0		93.9	39.3-151				
Surrogate: SURR: Terphenyl-d14	20.1		"	25.0		80.2	30.7-106				

LCS (BE21269-BS2)

Prepared: 05/23/2022 Analyzed: 05/25/2022

Acenaphthene	0.470	0.0500	ug/L	1.00		47.0	25-116				
Acenaphthylene	0.460	0.0500	"	1.00		46.0	26-116				
Anthracene	0.370	0.0500	"	1.00		37.0	25-123				
Benzo(a)anthracene	0.420	0.0500	"	1.00		42.0	33-125				
Benzo(a)pyrene	0.250	0.0500	"	1.00		25.0	32-132	Low Bias			
Benzo(b)fluoranthene	0.390	0.0500	"	1.00		39.0	22-137				
Benzo(g,h,i)perylene	0.490	0.0500	"	1.00		49.0	10-138				
Benzo(k)fluoranthene	0.430	0.0500	"	1.00		43.0	20-137				
Bis(2-ethylhexyl)phthalate	0.610	0.500	"	1.00		61.0	10-189				
Chrysene	0.430	0.0500	"	1.00		43.0	32-124				
Dibenzo(a,h)anthracene	0.530	0.0500	"	1.00		53.0	16-133				
Fluoranthene	0.470	0.0500	"	1.00		47.0	32-121				
Fluorene	0.510	0.0500	"	1.00		51.0	28-118				
Hexachlorobenzene	0.420	0.0200	"	1.00		42.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	3.13	0.500	"	1.00		313	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.440	0.0500	"	1.00		44.0	15-135				
Naphthalene	1.24	0.0500	"	1.00		124	18-120	High Bias			
Nitrobenzene	0.700	0.250	"	1.00		70.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.460	0.250	"	1.00		46.0	10-156				
Phenanthrene	0.500	0.0500	"	1.00		50.0	24-127				
Pyrene	0.420	0.0500	"	1.00		42.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21269 - EPA 3510C											
Matrix Spike (BE21269-MS1)	*Source sample: 22E0803-01 (Matrix Spike)						Prepared: 05/22/2022 Analyzed: 05/24/2022				
1,1-Biphenyl	48.6	5.00	ug/L	25.0	ND	194	26-79	High Bias			
1,2,4,5-Tetrachlorobenzene	18.0	5.00	"	25.0	ND	72.2	33-90				
1,2,4-Trichlorobenzene	13.6	5.00	"	25.0	ND	54.5	31-88				
1,2-Dichlorobenzene	19.4	5.00	"	25.0	ND	77.6	24-93				
1,2-Diphenylhydrazine (as Azobenzene)	16.4	5.00	"	25.0	ND	65.5	21-107				
1,3-Dichlorobenzene	15.0	5.00	"	25.0	ND	60.0	28-86				
1,4-Dichlorobenzene	16.2	5.00	"	25.0	ND	64.6	25-85				
2,3,4,6-Tetrachlorophenol	22.7	5.00	"	25.0	ND	90.8	30-130				
2,4,5-Trichlorophenol	20.8	5.00	"	25.0	ND	83.3	43-96				
2,4,6-Trichlorophenol	21.2	5.00	"	25.0	ND	84.6	46-94				
2,4-Dichlorophenol	14.6	5.00	"	25.0	ND	58.5	26-101				
2,4-Dimethylphenol	35.4	5.00	"	25.0	ND	142	10-104	High Bias			
2,4-Dinitrophenol	28.2	5.00	"	25.0	ND	113	10-146				
2,4-Dinitrotoluene	23.0	5.00	"	25.0	ND	92.2	30-108				
2,6-Dinitrotoluene	23.5	5.00	"	25.0	ND	93.9	38-98				
2-Chloronaphthalene	18.6	5.00	"	25.0	ND	74.4	30-89				
2-Chlorophenol	17.2	5.00	"	25.0	ND	68.7	24-98				
2-Methylnaphthalene	420	5.00	"	25.0	584	NR	10-112	Low Bias			
2-Methylphenol	18.6	5.00	"	25.0	ND	74.6	10-134				
2-Nitroaniline	22.7	5.00	"	25.0	ND	90.8	25-110				
2-Nitrophenol	15.7	5.00	"	25.0	ND	62.8	10-139				
3- & 4-Methylphenols	ND	5.00	"	25.0	8.49	NR	10-91	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"	25.0	ND		10-140	Low Bias			
3-Nitroaniline	10.6	5.00	"	25.0	ND	42.5	22-111				
4,6-Dinitro-2-methylphenol	30.1	5.00	"	25.0	ND	120	10-140				
4-Bromophenyl phenyl ether	21.2	5.00	"	25.0	ND	84.9	30-108				
4-Chloro-3-methylphenol	15.2	5.00	"	25.0	ND	60.8	11-109				
4-Chloroaniline	1110	5.00	"	25.0	ND	NR	10-116	High Bias			
4-Chlorophenyl phenyl ether	18.6	5.00	"	25.0	ND	74.4	39-85				
4-Nitroaniline	17.5	5.00	"	25.0	ND	70.0	11-132				
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias			
Acetophenone	18.8	5.00	"	25.0	ND	75.2	14-102				
Aniline	18.0	5.00	"	25.0	ND	72.0	10-80				
Benzaldehyde	470	5.00	"	25.0	ND	NR	13-87	High Bias			
Benzoic acid	6.94	5.00	"	25.0	ND	27.8	10-162				
Benzyl alcohol	13.3	5.00	"	25.0	ND	53.1	10-102				
Benzyl butyl phthalate	22.0	5.00	"	25.0	ND	88.2	10-133				
Bis(2-chloroethoxy)methane	14.7	5.00	"	25.0	ND	58.7	18-105				
Bis(2-chloroethyl)ether	27.5	5.00	"	25.0	ND	110	10-108	High Bias			
Bis(2-chloroisopropyl)ether	20.6	5.00	"	25.0	ND	82.2	13-116				
Caprolactam	6.24	5.00	"	25.0	ND	25.0	10-75				
Carbazole	ND	5.00	"	25.0	ND		36-108	Low Bias			
Dibenzofuran	24.7	5.00	"	25.0	ND	98.7	34-92	High Bias			
Diethyl phthalate	18.2	5.00	"	25.0	ND	72.9	33-98				
Dimethyl phthalate	18.6	5.00	"	25.0	ND	74.6	18-116				
Di-n-butyl phthalate	20.5	5.00	"	25.0	ND	82.2	25-97				
Di-n-octyl phthalate	23.7	5.00	"	25.0	ND	94.7	10-137				
Hexachlorocyclopentadiene	9.83	10.0	"	25.0	ND	39.3	10-79				
Isophorone	13.4	5.00	"	25.0	ND	53.6	25-103				
N-nitroso-di-n-propylamine	15.6	5.00	"	25.0	ND	62.4	19-115				
N-Nitrosodiphenylamine	ND	5.00	"	25.0	ND		31-112	Low Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21269 - EPA 3510C

Matrix Spike (BE21269-MS1)		*Source sample: 22E0803-01 (Matrix Spike)					Prepared: 05/22/2022 Analyzed: 05/24/2022				
Phenol	15.7	5.00	ug/L	25.0	ND	62.7	10-61	High Bias			
Pyridine	8.09	5.00	"	25.5	ND	31.7	10-78				
Surrogate: SURR: 2-Fluorophenol	26.2		"	50.0		52.5	19.7-63.1				
Surrogate: SURR: Phenol-d5	13.4		"	50.0		26.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	11.9		"	25.0		47.8	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.8		"	25.0		67.1	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	50.6		"	50.0		101	39.3-151				
Surrogate: SURR: Terphenyl-d14	19.5		"	25.0		77.8	30.7-106				

Matrix Spike Dup (BE21269-MSD1)	*Source sample: 22E0803-01 (Matrix Spike Dup)						Prepared: 05/22/2022 Analyzed: 05/24/2022			
1,1-Biphenyl	54.9	5.00	ug/L	25.0	ND	220	26-79	High Bias	12.2	25
1,2,4,5-Tetrachlorobenzene	19.7	5.00	"	25.0	ND	78.8	33-90		8.69	25
1,2,4-Trichlorobenzene	14.0	5.00	"	25.0	ND	55.9	31-88		2.54	25
1,2-Dichlorobenzene	21.3	5.00	"	25.0	ND	85.4	24-93		9.58	25
1,2-Diphenylhydrazine (as Azobenzene)	17.5	5.00	"	25.0	ND	70.1	21-107		6.79	25
1,3-Dichlorobenzene	16.0	5.00	"	25.0	ND	63.8	28-86		6.20	25
1,4-Dichlorobenzene	17.6	5.00	"	25.0	ND	70.3	25-85		8.42	25
2,3,4,6-Tetrachlorophenol	25.1	5.00	"	25.0	ND	100	30-130		9.88	25
2,4,5-Trichlorophenol	22.6	5.00	"	25.0	ND	90.4	43-96		8.15	25
2,4,6-Trichlorophenol	24.0	5.00	"	25.0	ND	96.0	46-94	High Bias	12.6	25
2,4-Dichlorophenol	14.8	5.00	"	25.0	ND	59.2	26-101		1.16	25
2,4-Dimethylphenol	38.0	5.00	"	25.0	ND	152	10-104	High Bias	7.11	25
2,4-Dinitrophenol	34.4	5.00	"	25.0	ND	138	10-146		19.9	25
2,4-Dinitrotoluene	25.1	5.00	"	25.0	ND	100	30-108		8.52	25
2,6-Dinitrotoluene	25.4	5.00	"	25.0	ND	101	38-98	High Bias	7.78	25
2-Chloronaphthalene	20.1	5.00	"	25.0	ND	80.4	30-89		7.70	25
2-Chlorophenol	18.5	5.00	"	25.0	ND	73.9	24-98		7.24	25
2-Methylnaphthalene	465	5.00	"	25.0	584	NR	10-112	Low Bias	10.2	25
2-Methylphenol	21.7	5.00	"	25.0	ND	86.7	10-134		15.1	25
2-Nitroaniline	24.5	5.00	"	25.0	ND	98.1	25-110		7.75	25
2-Nitrophenol	16.1	5.00	"	25.0	ND	64.5	10-139		2.70	25
3- & 4-Methylphenols	ND	5.00	"	25.0	8.49	NR	10-91	Low Bias		25
3,3-Dichlorobenzidine	ND	5.00	"	25.0	ND		10-140	Low Bias		25
3-Nitroaniline	12.3	5.00	"	25.0	ND	49.4	22-111		15.0	25
4,6-Dinitro-2-methylphenol	33.1	5.00	"	25.0	ND	132	10-140		9.46	25
4-Bromophenyl phenyl ether	22.4	5.00	"	25.0	ND	89.6	30-108		5.41	25
4-Chloro-3-methylphenol	15.8	5.00	"	25.0	ND	63.3	11-109		4.00	25
4-Chloroaniline	1220	5.00	"	25.0	ND	NR	10-116	High Bias	9.46	25
4-Chlorophenyl phenyl ether	20.4	5.00	"	25.0	ND	81.6	39-85		9.28	25
4-Nitroaniline	18.5	5.00	"	25.0	ND	73.8	11-132		5.40	25
4-Nitrophenol	11.7	5.00	"	25.0	ND	46.7	10-82			25
Acetophenone	20.4	5.00	"	25.0	ND	81.8	14-102		8.41	25
Aniline	18.5	5.00	"	25.0	ND	74.0	10-80		2.85	25
Benzaldehyde	552	5.00	"	25.0	ND	NR	13-87	High Bias	16.2	25
Benzoic acid	8.78	5.00	"	25.0	ND	35.1	10-162		23.4	25
Benzyl alcohol	14.3	5.00	"	25.0	ND	57.0	10-102		7.19	25
Benzyl butyl phthalate	24.1	5.00	"	25.0	ND	96.4	10-133		8.84	25
Bis(2-chloroethoxy)methane	15.3	5.00	"	25.0	ND	61.2	18-105		4.14	25
Bis(2-chloroethyl)ether	28.3	5.00	"	25.0	ND	113	10-108	High Bias	2.58	25
Bis(2-chloroisopropyl)ether	22.2	5.00	"	25.0	ND	88.6	13-116		7.49	25
Caprolactam	6.24	5.00	"	25.0	ND	25.0	10-75		0.00	25



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21269 - EPA 3510C

Matrix Spike Dup (BE21269-MSD1)		*Source sample: 22E0803-01 (Matrix Spike Dup)					Prepared: 05/22/2022 Analyzed: 05/24/2022				
Carbazole	42.3	5.00	ug/L	25.0	ND	169	36-108	High Bias		25	
Dibenzofuran	27.0	5.00	"	25.0	ND	108	34-92	High Bias	9.09	25	
Diethyl phthalate	20.0	5.00	"	25.0	ND	80.0	33-98		9.31	25	
Dimethyl phthalate	19.9	5.00	"	25.0	ND	79.6	18-116		6.54	25	
Di-n-butyl phthalate	22.1	5.00	"	25.0	ND	88.4	25-97		7.36	25	
Di-n-octyl phthalate	25.1	5.00	"	25.0	ND	100	10-137		5.86	25	
Hexachlorocyclopentadiene	10.9	10.0	"	25.0	ND	43.7	10-79		10.5	25	
Isophorone	13.5	5.00	"	25.0	ND	54.1	25-103		0.817	25	
N-nitroso-di-n-propylamine	16.7	5.00	"	25.0	ND	67.0	19-115		7.11	25	
N-Nitrosodiphenylamine	ND	5.00	"	25.0	ND		31-112	Low Bias		25	
Phenol	16.0	5.00	"	25.0	ND	64.1	10-61	High Bias	2.21	25	
Pyridine	7.50	5.00	"	25.5	ND	29.4	10-78		7.57	25	
Surrogate: SURR: 2-Fluorophenol	27.7		"	50.0		55.4	19.7-63.1				
Surrogate: SURR: Phenol-d5	12.9		"	50.0		25.8	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	1.24		"	25.0		4.96	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	17.8		"	25.0		71.2	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	54.0		"	50.0		108	39.3-151				
Surrogate: SURR: Terphenyl-d14	21.7		"	25.0		86.8	30.7-106				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21144 - EPA SW846-3510C Low Level

Blank (BE21144-BLK1)

Prepared: 05/20/2022 Analyzed: 05/23/2022

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	0.168		"	0.200		84.2	30-150				
Surrogate: Tetrachloro-m-xylene	0.163		"	0.200		81.6	30-150				

LCS (BE21144-BS1)

Prepared: 05/20/2022 Analyzed: 05/23/2022

4,4'-DDD	0.129	0.00400	ug/L	0.100		129	40-140			20	
4,4'-DDE	0.128	0.00400	"	0.100		128	40-140			20	
4,4'-DDT	0.144	0.00400	"	0.100		144	40-140	High Bias		20	
Aldrin	0.0960	0.00400	"	0.100		96.0	40-140			20	
alpha-BHC	0.0984	0.00400	"	0.100		98.4	40-140			20	
alpha-Chlordane	0.109	0.00400	"	0.100		109	40-140			20	
beta-BHC	0.109	0.00400	"	0.100		109	40-140			20	
delta-BHC	0.116	0.00400	"	0.100		116	40-140			20	
Dieldrin	0.114	0.00200	"	0.100		114	40-140			20	
Endosulfan I	0.101	0.00400	"	0.100		101	40-140			20	
Endosulfan II	0.122	0.00400	"	0.100		122	40-140			20	
Endosulfan sulfate	0.123	0.00400	"	0.100		123	40-140			20	
Endrin	0.120	0.00400	"	0.100		120	40-140			20	
Endrin aldehyde	0.136	0.0100	"	0.100		136	40-140			20	
Endrin ketone	0.123	0.0100	"	0.100		123	40-140			20	
gamma-BHC (Lindane)	0.105	0.00400	"	0.100		105	40-140			20	
gamma-Chlordane	0.107	0.0100	"	0.100		107	40-140			20	
Heptachlor	0.108	0.00400	"	0.100		108	40-140			20	
Heptachlor epoxide	0.109	0.00400	"	0.100		109	40-140			20	
Methoxychlor	0.172	0.00400	"	0.100		172	40-140	High Bias		20	
Surrogate: Decachlorobiphenyl	0.165		"	0.200		82.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.154		"	0.200		77.1	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21218 - EPA 3550C

Blank (BE21218-BLK1)

Prepared: 05/22/2022 Analyzed: 05/24/2022

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	0.0490		"	0.0664		73.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.0532		"	0.0664		80.0	30-150				

LCS (BE21218-BS1)

Prepared: 05/22/2022 Analyzed: 05/24/2022

4,4'-DDD	0.0290	0.00164	mg/kg wet	0.0332		87.4	40-140				
4,4'-DDE	0.0259	0.00164	"	0.0332		78.0	40-140				
4,4'-DDT	0.0189	0.00164	"	0.0332		56.7	40-140				
Aldrin	0.0301	0.00164	"	0.0332		90.5	40-140				
alpha-BHC	0.0296	0.00164	"	0.0332		89.1	40-140				
alpha-Chlordane	0.0306	0.00164	"	0.0332		92.1	40-140				
beta-BHC	0.0267	0.00164	"	0.0332		80.5	40-140				
delta-BHC	0.0285	0.00164	"	0.0332		85.7	40-140				
Dieldrin	0.0303	0.00164	"	0.0332		91.4	40-140				
Endosulfan I	0.0334	0.00164	"	0.0332		100	40-140				
Endosulfan II	0.0324	0.00164	"	0.0332		97.6	40-140				
Endosulfan sulfate	0.0322	0.00164	"	0.0332		96.8	40-140				
Endrin	0.0257	0.00164	"	0.0332		77.4	40-140				
Endrin aldehyde	0.0306	0.00164	"	0.0332		92.0	40-140				
Endrin ketone	0.0318	0.00164	"	0.0332		95.6	40-140				
gamma-BHC (Lindane)	0.0286	0.00164	"	0.0332		86.0	40-140				
gamma-Chlordane	0.0296	0.00164	"	0.0332		89.0	40-140				
Heptachlor	0.0265	0.00164	"	0.0332		79.9	40-140				
Heptachlor epoxide	0.0314	0.00164	"	0.0332		94.4	40-140				
Methoxychlor	0.0210	0.00164	"	0.0332		63.1	40-140				
Surrogate: Decachlorobiphenyl	0.0613		"	0.0664		92.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.0600		"	0.0664		90.2	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21230 - EPA 3550C

Blank (BE21230-BLK1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	0.0498		"	0.0664		75.0	30-150				
Surrogate: Tetrachloro-m-xylene	0.0596		"	0.0664		89.6	30-150				

LCS (BE21230-BS1)

Prepared: 05/23/2022 Analyzed: 05/24/2022

4,4'-DDD	0.0233	0.00164	mg/kg wet	0.0332		70.3	40-140				
4,4'-DDE	0.0203	0.00164	"	0.0332		61.1	40-140				
4,4'-DDT	0.0148	0.00164	"	0.0332		44.5	40-140				
Aldrin	0.0258	0.00164	"	0.0332		77.6	40-140				
alpha-BHC	0.0255	0.00164	"	0.0332		76.9	40-140				
alpha-Chlordane	0.0248	0.00164	"	0.0332		74.8	40-140				
beta-BHC	0.0232	0.00164	"	0.0332		69.8	40-140				
delta-BHC	0.0238	0.00164	"	0.0332		71.5	40-140				
Dieldrin	0.0245	0.00164	"	0.0332		73.7	40-140				
Endosulfan I	0.0274	0.00164	"	0.0332		82.6	40-140				
Endosulfan II	0.0258	0.00164	"	0.0332		77.6	40-140				
Endosulfan sulfate	0.0251	0.00164	"	0.0332		75.6	40-140				
Endrin	0.0195	0.00164	"	0.0332		58.6	40-140				
Endrin aldehyde	0.0233	0.00164	"	0.0332		70.2	40-140				
Endrin ketone	0.0255	0.00164	"	0.0332		76.7	40-140				
gamma-BHC (Lindane)	0.0249	0.00164	"	0.0332		74.8	40-140				
gamma-Chlordane	0.0241	0.00164	"	0.0332		72.7	40-140				
Heptachlor	0.0223	0.00164	"	0.0332		67.1	40-140				
Heptachlor epoxide	0.0259	0.00164	"	0.0332		77.9	40-140				
Methoxychlor	0.0154	0.00164	"	0.0332		46.5	40-140				
Surrogate: Decachlorobiphenyl	0.0450		"	0.0664		67.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.0505		"	0.0664		76.0	30-150				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21144 - EPA SW846-3510C Low Level											
Blank (BE21144-BLK2)						Prepared & Analyzed: 05/20/2022					
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	0.197		"	0.200		98.5	30-150				
Surrogate: Decachlorobiphenyl	0.185		"	0.200		92.5	30-150				
LCS (BE21144-BS2)						Prepared & Analyzed: 05/20/2022					
Aroclor 1016	1.03	0.0500	ug/L	1.00		103	40-120			20	
Aroclor 1260	0.947	0.0500	"	1.00		94.7	40-120			20	
Surrogate: Tetrachloro-m-xylene	0.157		"	0.200		78.5	30-150				
Surrogate: Decachlorobiphenyl	0.126		"	0.200		63.0	30-150				
Matrix Spike (BE21144-MS2)						*Source sample: 22E0937-01 (Matrix Spike) Prepared: 05/20/2022 Analyzed: 05/24/2022					
Aroclor 1016	1.13	0.0526	ug/L	1.05	ND	108	40-140			20	
Aroclor 1260	0.877	0.0526	"	1.05	ND	83.3	40-140			20	
Surrogate: Tetrachloro-m-xylene	0.184		"	0.211		87.5	30-150				
Surrogate: Decachlorobiphenyl	0.123		"	0.211		58.5	30-150				
Matrix Spike Dup (BE21144-MSD2)						*Source sample: 22E0937-01 (Matrix Spike Dup) Prepared: 05/20/2022 Analyzed: 05/24/2022					
Aroclor 1016	1.17	0.0556	ug/L	1.11	ND	105	40-140		3.21	20	
Aroclor 1260	0.822	0.0556	"	1.11	ND	74.0	40-140		6.45	20	
Surrogate: Tetrachloro-m-xylene	0.193		"	0.222		87.0	30-150				
Surrogate: Decachlorobiphenyl	0.108		"	0.222		48.5	30-150				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21218 - EPA 3550C

Blank (BE21218-BLK2)

Prepared: 05/22/2022 Analyzed: 05/24/2022

Aroclor 1016	ND	0.0166	mg/kg wet
Aroclor 1221	ND	0.0166	"
Aroclor 1232	ND	0.0166	"
Aroclor 1242	ND	0.0166	"
Aroclor 1248	ND	0.0166	"
Aroclor 1254	ND	0.0166	"
Aroclor 1260	ND	0.0166	"
Total PCBs	ND	0.0166	"

Surrogate: Tetrachloro-m-xylene	0.0581	"	0.0664	87.5	30-120
Surrogate: Decachlorobiphenyl	0.0518	"	0.0664	78.0	30-120

LCS (BE21218-BS2)

Prepared: 05/22/2022 Analyzed: 05/24/2022

Aroclor 1016	0.295	0.0166	mg/kg wet	0.332	88.7	40-130
Aroclor 1260	0.302	0.0166	"	0.332	90.8	40-130
Surrogate: Tetrachloro-m-xylene	0.0571		"	0.0664	86.0	30-120
Surrogate: Decachlorobiphenyl	0.0555		"	0.0664	83.5	30-120

Batch BE21230 - EPA 3550C

Blank (BE21230-BLK2)

Prepared: 05/23/2022 Analyzed: 05/24/2022

Aroclor 1016	ND	0.0166	mg/kg wet
Aroclor 1221	ND	0.0166	"
Aroclor 1232	ND	0.0166	"
Aroclor 1242	ND	0.0166	"
Aroclor 1248	ND	0.0166	"
Aroclor 1254	ND	0.0166	"
Aroclor 1260	ND	0.0166	"
Total PCBs	ND	0.0166	"

Surrogate: Tetrachloro-m-xylene	0.0664	"	0.0664	100	30-120
Surrogate: Decachlorobiphenyl	0.0774	"	0.0664	116	30-120



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21230 - EPA 3550C

LCS (BE21230-BS2)

Prepared: 05/23/2022 Analyzed: 05/24/2022

Aroclor 1016	0.240	0.0166	mg/kg wet	0.332		72.3	40-130				
Aroclor 1260	0.219	0.0166	"	0.332		66.0	40-130				
Surrogate: Tetrachloro-m-xylene	0.0495		"	0.0664		74.5	30-120				
Surrogate: Decachlorobiphenyl	0.0382		"	0.0664		57.5	30-120				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20996 - EPA 3015A

Blank (BE20996-BLK1)

Prepared & Analyzed: 05/18/2022

Aluminum	ND	0.0556	mg/L
Barium	ND	0.0278	"
Calcium	0.0999	0.0556	"
Chromium	ND	0.00556	"
Cobalt	ND	0.00444	"
Copper	ND	0.0222	"
Iron	ND	0.278	"
Lead	ND	0.00556	"
Magnesium	ND	0.0556	"
Manganese	ND	0.00556	"
Nickel	ND	0.0111	"
Potassium	ND	0.0556	"
Silver	ND	0.00556	"
Sodium	ND	0.556	"
Vanadium	ND	0.0111	"
Zinc	ND	0.0278	"

LCS (BE20996-BS1)

Prepared & Analyzed: 05/18/2022

Aluminum	1.94	ug/mL	2.00	96.8	80-120
Barium	2.05	"	2.00	102	80-120
Calcium	1.20	"	1.00	120	80-120
Chromium	0.190	"	0.200	95.1	80-120
Cobalt	0.499	"	0.500	99.7	80-120
Copper	0.252	"	0.250	101	80-120
Iron	1.05	"	1.00	105	80-120
Lead	0.513	"	0.500	103	80-120
Magnesium	1.01	"	1.00	101	80-120
Manganese	0.502	"	0.500	100	80-120
Nickel	0.488	"	0.500	97.6	80-120
Potassium	0.937	"	1.00	93.7	80-120
Silver	0.0458	"	0.0500	91.6	80-120
Sodium	1.00	"	1.00	100	80-120
Vanadium	0.486	"	0.500	97.3	80-120
Zinc	0.482	"	0.500	96.3	80-120





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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20996 - EPA 3015A

Duplicate (BE20996-DUP1)		*Source sample: 22E0752-06 (EB003)					Prepared & Analyzed: 05/18/2022				
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0278	"		ND					20	
Calcium	0.0757	0.0556	"		0.118				43.7	20	Non-dir.
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Potassium	ND	0.0556	"		ND					20	
Silver	ND	0.00556	"		ND					20	
Sodium	ND	0.556	"		ND					20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	

Matrix Spike (BE20996-MS1)		*Source sample: 22E0752-06 (EB003)					Prepared & Analyzed: 05/18/2022				
Aluminum	1.97	0.0556	mg/L	2.22	ND	88.5	75-125				
Barium	2.22	0.0278	"	2.22	ND	100	75-125				
Calcium	1.31	0.0556	"	1.11	0.118	107	75-125				
Chromium	0.210	0.00556	"	0.222	ND	94.5	75-125				
Cobalt	0.541	0.00444	"	0.556	ND	97.3	75-125				
Copper	0.271	0.0222	"	0.278	ND	97.6	75-125				
Iron	1.26	0.278	"	1.11	ND	113	75-125				
Lead	0.561	0.00556	"	0.556	ND	101	75-125				
Magnesium	1.06	0.0556	"	1.11	ND	95.8	75-125				
Manganese	0.550	0.00556	"	0.556	ND	99.0	75-125				
Nickel	0.537	0.0111	"	0.556	ND	96.7	75-125				
Potassium	0.972	0.0556	"	1.11	ND	87.5	75-125				
Silver	0.0490	0.00556	"	0.0556	ND	88.2	75-125				
Sodium	1.13	0.556	"	1.11	ND	102	75-125				
Vanadium	0.532	0.0111	"	0.556	ND	95.8	75-125				
Zinc	0.526	0.0278	"	0.556	ND	94.7	75-125				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20996 - EPA 3015A

Post Spike (BE20996-PS1)	*Source sample: 22E0752-06 (EB003)						Prepared & Analyzed: 05/18/2022				
Aluminum	1.77		ug/mL	2.00	0.00690	88.2	75-125				
Barium	2.02		"	2.00	0.000310	101	75-125				
Calcium	1.11		"	1.00	0.106	100	75-125				
Chromium	0.190		"	0.200	0.000121	94.9	75-125				
Cobalt	0.495		"	0.500	0.0000996	98.9	75-125				
Copper	0.250		"	0.250	-0.000835	100	75-125				
Iron	1.01		"	1.00	0.0484	95.9	75-125				
Lead	0.505		"	0.500	-0.00284	101	75-125				
Magnesium	0.975		"	1.00	-0.00767	97.5	75-125				
Manganese	0.500		"	0.500	0.000467	99.8	75-125				
Nickel	0.479		"	0.500	-0.000136	95.7	75-125				
Potassium	0.972		"	1.00	-0.00911	97.2	75-125				
Silver	0.0445		"	0.0500	-0.00175	89.0	75-125				
Sodium	1.03		"	1.00	0.0713	96.0	75-125				
Vanadium	0.483		"	0.500	-0.000684	96.6	75-125				
Zinc	0.475		"	0.500	0.0158	91.9	75-125				

Batch BE21383 - EPA 3050B

Blank (BE21383-BLK1)	Prepared: 05/24/2022 Analyzed: 05/25/2022										
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	15.9	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	17.2	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21383 - EPA 3050B

Duplicate (BE21383-DUP1)		*Source sample: 22E0752-02 (EP002)					Prepared: 05/24/2022 Analyzed: 05/25/2022				
Aluminum	2990	5.17	mg/kg dry		2300				25.9	35	
Antimony	ND	2.59	"		ND					35	
Arsenic	ND	1.55	"		ND					35	
Barium	23.0	2.59	"		17.1				29.0	35	
Beryllium	ND	0.052	"		ND					35	
Cadmium	ND	0.310	"		ND					35	
Calcium	809	5.17	"		671				18.7	35	
Chromium	8.72	0.517	"		7.79				11.3	35	
Cobalt	4.68	0.414	"		3.68				24.1	35	
Copper	9.97	2.07	"		6.58				41.1	35	Non-dir.
Iron	16100	25.9	"		13700				15.7	35	
Lead	1.61	0.517	"		1.23				26.6	35	
Magnesium	1220	5.17	"		1020				17.1	35	
Manganese	392	0.517	"		289				30.4	35	
Nickel	8.46	1.03	"		7.42				13.1	35	
Potassium	536	5.17	"		331				47.3	35	Non-dir.
Selenium	ND	2.59	"		ND					35	
Silver	ND	0.517	"		ND					35	
Sodium	77.0	51.7	"		78.0				1.26	35	
Thallium	ND	2.59	"		ND					35	
Vanadium	15.8	1.03	"		15.2				4.15	35	
Zinc	18.5	2.59	"		13.0				34.8	35	

Matrix Spike (BE21383-MS1)		*Source sample: 22E0752-02 (EP002)					Prepared: 05/24/2022 Analyzed: 05/25/2022				
Aluminum	2910	5.17	mg/kg dry	207	2300	294	75-125	High Bias			
Antimony	15.1	2.59	"	25.9	ND	58.5	75-125	Low Bias			
Arsenic	212	1.55	"	207	ND	103	75-125				
Barium	253	2.59	"	207	17.1	114	75-125				
Beryllium	5.22	0.052	"	5.17	ND	101	75-125				
Cadmium	5.11	0.310	"	5.17	ND	98.9	75-125				
Calcium	878	5.17	"	103	671	200	75-125	High Bias			
Chromium	29.1	0.517	"	20.7	7.79	103	75-125				
Cobalt	60.9	0.414	"	51.7	3.68	111	75-125				
Copper	34.1	2.07	"	25.9	6.58	106	75-125				
Iron	13500	25.9	"	103	13700	NR	75-125	Low Bias			
Lead	59.0	0.517	"	51.7	1.23	112	75-125				
Magnesium	1280	5.17	"	103	1020	247	75-125	High Bias			
Manganese	376	0.517	"	51.7	289	168	75-125	High Bias			
Nickel	62.3	1.03	"	51.7	7.42	106	75-125				
Potassium	553	5.17	"	103	331	215	75-125	High Bias			
Selenium	172	2.59	"	207	ND	83.2	75-125				
Silver	4.23	0.517	"	51.7	ND	81.7	75-125				
Sodium	211	51.7	"	103	78.0	129	75-125	High Bias			
Thallium	240	2.59	"	207	ND	116	75-125				
Vanadium	69.3	1.03	"	51.7	15.2	105	75-125				
Zinc	66.8	2.59	"	51.7	13.0	104	75-125				



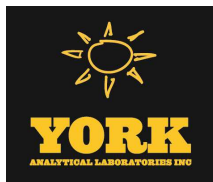
Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21383 - EPA 3050B

Post Spike (BE21383-PS1)		*Source sample: 22E0752-02 (EP002)					Prepared: 05/24/2022 Analyzed: 05/25/2022				
Aluminum	27.1		ug/mL	2.00	22.2	243	75-125	High Bias			
Antimony	0.281		"	0.250	-0.016	113	75-125				
Arsenic	2.10		"	2.00	0.005	105	75-125				
Barium	2.44		"	2.00	0.166	114	75-125				
Beryllium	0.051		"	0.0500	-0.0003	101	75-125				
Cadmium	0.050		"	0.0500	0.00007	101	75-125				
Calcium	8.18		"	1.00	6.48	170	75-125	High Bias			
Chromium	0.291		"	0.200	0.075	108	75-125				
Cobalt	0.588		"	0.500	0.036	111	75-125				
Copper	0.349		"	0.250	0.064	114	75-125				
Iron	147		"	1.00	133	NR	75-125	High Bias			
Lead	0.576		"	0.500	0.012	113	75-125				
Magnesium	12.0		"	1.00	9.91	205	75-125	High Bias			
Manganese	3.44		"	0.500	2.79	129	75-125	High Bias			
Nickel	0.617		"	0.500	0.072	109	75-125				
Potassium	4.63		"	1.00	3.20	143	75-125	High Bias			
Selenium	1.67		"	2.00	-0.144	83.3	75-125				
Silver	0.042		"	0.0500	-0.009	84.7	75-125				
Sodium	1.85		"	1.00	0.754	109	75-125				
Thallium	2.36		"	2.00	-0.016	118	75-125				
Vanadium	0.698		"	0.500	0.147	110	75-125				
Zinc	0.647		"	0.500	0.126	104	75-125				

Reference (BE21383-SRM1)		Prepared: 05/24/2022 Analyzed: 05/25/2022									
Aluminum	7670	5.00	mg/kg wet	10100		75.9	39.5-118.8				
Antimony	84.9	2.50	"	244		34.8	10-123				
Arsenic	105	1.50	"	109		96.8	63.7-118.3				
Barium	372	2.50	"	364		102	70.3-117				
Beryllium	53.7	0.050	"	57.0		94.2	69.3-115.4				
Cadmium	44.4	0.300	"	48.7		91.1	67.8-112.9				
Calcium	4780	5.00	"	5190		92.1	66.3-116.6				
Chromium	167	0.500	"	173		96.7	65.3-120.8				
Cobalt	148	0.400	"	148		100	70.3-117.6				
Copper	183	2.00	"	179		102	70.9-117.9				
Iron	13300	25.0	"	15000		88.9	36.8-162.7				
Lead	101	0.500	"	101		100	69.1-126.7				
Magnesium	2230	5.00	"	2570		86.9	56.4-124.9				
Manganese	375	0.500	"	370		101	72.2-119.2				
Nickel	60.1	1.00	"	52.2		115	63.4-117.8				
Potassium	2040	5.00	"	2420		84.2	49.6-118.6				
Selenium	72.5	2.50	"	104		69.7	58.5-122.1				
Silver	26.4	0.500	"	29.9		88.3	63.5-123.7				
Sodium	139	50.0	"	161		86.4	30.1-139.1				
Thallium	96.4	2.50	"	101		95.4	59.8-120.8				
Vanadium	185	1.00	"	194		95.3	73.2-117				
Zinc	411	2.50	"	431		95.4	74.9-121.1				



Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21354 - EPA 3015A

Blank (BE21354-BLK1)

Prepared: 05/24/2022 Analyzed: 05/25/2022

Antimony	ND	1.11	ug/L
Arsenic	ND	1.11	"
Beryllium	ND	0.333	"
Cadmium	ND	0.556	"
Selenium	ND	1.11	"
Thallium	ND	1.11	"

LCS (BE21354-BS1)

Prepared: 05/24/2022 Analyzed: 05/25/2022

Antimony	46.3		ug/L	50.0		92.7	80-120
Arsenic	48.4		"	50.0		96.8	80-120
Beryllium	52.2		"	50.0		104	80-120
Cadmium	49.3		"	50.0		98.6	80-120
Selenium	49.1		"	50.0		98.2	80-120
Thallium	49.7		"	50.0		99.4	80-120

Duplicate (BE21354-DUP1)

*Source sample: 22E0932-03 (Duplicate)

Prepared: 05/24/2022 Analyzed: 05/25/2022

Antimony	ND	1.11	ug/L		ND		20
Arsenic	ND	1.11	"		1.15		20
Beryllium	ND	0.333	"		ND		20
Cadmium	ND	0.556	"		ND		20
Selenium	5.29	1.11	"		3.71	35.0	20 Non-dir.
Thallium	ND	1.11	"		ND		20

Matrix Spike (BE21354-MS1)

*Source sample: 22E0932-03 (Matrix Spike)

Prepared: 05/24/2022 Analyzed: 05/25/2022

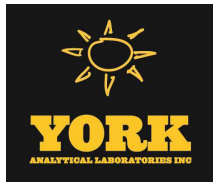
Antimony	46.6		ug/L	50.0	0.344	92.6	75-125
Arsenic	50.5		"	50.0	1.03	98.9	75-125
Beryllium	30.5		"	50.0	0.026	61.0	75-125 Low Bias
Cadmium	48.2		"	50.0	0.139	96.0	75-125
Selenium	58.8		"	50.0	3.34	111	75-125
Thallium	49.3		"	50.0	0.035	98.5	75-125



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21066 - EPA SW846-7470A											
Blank (BE21066-BLK1)								Prepared & Analyzed: 05/18/2022			
Mercury	ND	0.0002	mg/L								
LCS (BE21066-BS1)								Prepared & Analyzed: 05/18/2022			
Mercury	0.0020486	0.0002	mg/L	0.00200		102	80-120				
LCS (BE21066-BS2)								Prepared & Analyzed: 05/18/2022			
Mercury	0.0021790	0.0002	mg/L	0.00200		109	80-120				
Batch BE21245 - EPA 7473 soil											
Blank (BE21245-BLK1)								Prepared & Analyzed: 05/23/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE21245-DUP1)								Prepared & Analyzed: 05/23/2022			
Mercury	ND	0.0310	mg/kg dry		ND					35	
Matrix Spike (BE21245-MS1)								Prepared & Analyzed: 05/23/2022			
Mercury	0.514		mg/kg	0.500	0.00150	102	75-125				
Reference (BE21245-SRM1)								Prepared & Analyzed: 05/23/2022			
Mercury	26.292		mg/kg	27.2		96.7	59.9-140.1				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE21223 - % Solids Prep

Duplicate (BE21223-DUP1)		*Source sample: 22E0752-02 (EP002)						Prepared & Analyzed: 05/23/2022			
% Solids	97.3	0.100	%		96.7				0.611	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22E0752-01	EP001	40mL Vial with Stir Bar-Cool 4° C
22E0752-02	EP002	40mL Vial with Stir Bar-Cool 4° C
22E0752-03	EP011	40mL Vial with Stir Bar-Cool 4° C
22E0752-04	EP019	40mL Vial with Stir Bar-Cool 4° C
22E0752-05	TB002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22E0752-06	EB003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22E0752-07	DUP-1	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

M-SRD1	The serial dilution for this element was outside control limits.
CCV-E	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).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported



RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK Project No.

22E0752

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

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Page { of

YOUR Information			Report To:			Invoice To:			YOUR Project Number			Turn-Around Time		
Company:	Address:		Company:	Address:		Company:	Address:		ZDG 2102			RUSH - Next Day		
Address:	630 JOHNSON AVE		Address:	SAHE		Address:	SAHE		YOUR Project Name			RUSH - Two Day		
Phone:	BOULIMIA, NY 11716		Phone:			Phone:						RUSH - Three Day		
Phone:	631-589-6353		Phone:			Phone:						RUSH - Four Day		
Contact:	RYAN MOREY		Contact:			Contact:						Standard (5-7 Day)		
E-mail:	RYAN.MOREY@PWGROSSER.COM		E-mail:			E-mail:			YOUR PO#:			X		
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.														
MELISSA PERRI														
Melissa Perri														
Samples Collected by: (print AND sign your name)														
Sample Identification			Matrix Codes			Samples From			Report / EDD Type (circle selections)			YORK Reg. Comp.		
EP001			S - soil / solid			New York			Summary Report			Compared to the following Regulation(s): (please fill in)		
EP002			GW - groundwater			New Jersey			QA Report			CT RCP		
EP011			DW - drinking water			Connecticut			NY ASP A Package			CT RCP DQADUE EQUIS (Standard)		
EP019			WW - wastewater			Pennsylvania			NY ASP B Package			NUDEP Reduced EQUIS		
TB002			O - Oil			Other:						NUDEP SRP HazSite		
EB003			Sample Matrix			Date/Time Sampled			Analysis Requested			Container Description		
DWP-I			S			5-17-22 09:32			VOCs - SVOCs - PCBs / PEST - TAC METALS					
			S			5-17-22 09:45								
			S			5-17-22 10:17								
			S			5-17-22 10:30								
			W			5-17-22 10:38								
			W			5-17-22 10:50								
			S			5-17-22 10:45								
Comments: EP002 15 MS/MSD														
Samples Relinquished by / Company														
Date/Time														
5-17-22 12:55														
Samples Relinquished by / Company														
Date/Time														
5-17-22 18:21														
Samples Relinquished by / Company														
Date/Time														
5-17-22 18:27														
Samples Relinquished by / Company														
Date/Time														
5-17-22 21:30														
Temperature														
5.0														