

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	06/05/25	
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05		Date Received:	06/06/25	
Client Sample ID:	MW-2-20250605		SDG No.:	Q2268	
Lab Sample ID:	Q2268-03		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	960	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142734.D	1	06/10/25 08:10	06/11/25 14:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.4	ug/L
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.77	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	4.20	J	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
91-20-3	Naphthalene	130	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	46.9		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L

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208-96-8	Acenaphthylene	0.78	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	0.96	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.57	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.20	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	0.64	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	0.72	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.71	U	0.71	5.20	ug/L
86-73-7	Fluorene	0.66	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.60	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	0.54	U	0.54	5.20	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	0.52	U	0.52	5.20	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.20	ug/L
86-74-8	Carbazole	2.60	J	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	0.85	U	0.85	5.20	ug/L
129-00-0	Pyrene	0.52	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	0.97	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.47	U	0.47	5.20	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	5.20	ug/L

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207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	56.5		23 - 138	38%	SPK: 150
13127-88-3	Phenol-d6	52.6		10 - 134	35%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.6		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		44 - 137	81%	SPK: 150
1718-51-0	Terphenyl-d14	60.7		42 - 152	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	57600	6.893			
1146-65-2	Naphthalene-d8	210000	8.181			
15067-26-2	Acenaphthene-d10	108000	9.934			
1517-22-2	Phenanthrene-d10	167000	11.422			
1719-03-5	Chrysene-d12	133000	14.063			
1520-96-3	Perylene-d12	158000	15.563			
TENTATIVE IDENTIFIED COMPOUNDS						
010574-36-4	2-Hexene, 3-methyl-, (Z)-	14.6	J		2.57	ug/L
019037-72-0	Cyclopentene, 4,4-dimethyl-	9.00	J		3.68	ug/L
000473-91-6	Cyclopentene, 1,2,3-trimethyl-	11.8	J		4.66	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	190	J		5.39	ug/L
000098-82-8	Benzene, (1-methylethyl)-	24.5	J		6.06	ug/L
144615-94-1	N-Isobutyl(phenyl)methanesulfonamide	43.4	J		6.35	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	59.4	J		6.58	ug/L

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000526-73-8	Benzene, 1,2,3-trimethyl-	170	J		6.72	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	79.4	J		6.95	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	150	J		7.08	ug/L
000141-93-5	Benzene, 1,3-diethyl-	29.8	J		7.14	ug/L
000105-05-5	Benzene, 1,4-diethyl-	35.8	J		7.21	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	18.6	J		7.29	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	22.5	J		7.36	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	11.2	J		7.92	ug/L
90-12-0	1-Methylnaphthalene	26.0	J		8.99	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	8.40	J		9.18	ug/L
065898-38-6	Indane-5-carboxylic acid	10.0	J		10.2	ug/L
000057-10-3	n-Hexadecanoic acid	9.30	J		11.9	ug/L
000112-79-8	9-Octadecenoic acid, (E)-	8.30	J		12.7	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products