

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-2-20250605MS		SDG No.:	Q2268	
Lab Sample ID:	Q2268-04MS		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
BF142735.D	1	06/10/25 08:10	06/11/25 15:20	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	50.8		4.10	10.4	ug/L
108-95-2	Phenol	19.2		0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.6		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	40.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.1		1.30	5.20	ug/L
98-86-2	Acetophenone	76.2		0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	30.8		1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.1		1.50	2.60	ug/L
67-72-1	Hexachloroethane	110	E	0.68	5.20	ug/L
98-95-3	Nitrobenzene	53.6		0.79	5.20	ug/L
78-59-1	Isophorone	47.1		0.78	5.20	ug/L
88-75-5	2-Nitrophenol	47.9		1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	45.1		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.8		0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	44.7		0.54	5.20	ug/L
91-20-3	Naphthalene	160	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	15.1		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	43.5		0.56	5.20	ug/L
105-60-2	Caprolactam	10.3	J	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	39.0		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	83.6	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	88.1	E	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	48.7		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	48.2		0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	52.1		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	51.3		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	49.6		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	49.2		0.64	5.20	ug/L

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208-96-8	Acenaphthylene	49.7		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	49.2		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	22.2		1.10	5.20	ug/L
83-32-9	Acenaphthene	53.5		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	88.8	E	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	41.2		2.50	10.4	ug/L
132-64-9	Dibenzofuran	50.4		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	48.7		1.30	5.20	ug/L
84-66-2	Diethylphthalate	49.9		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.1		0.71	5.20	ug/L
86-73-7	Fluorene	49.5		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	42.7		1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.0		3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	50.8		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	52.1		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	51.6		0.54	5.20	ug/L
1912-24-9	Atrazine	55.7		1.10	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.4	ug/L
85-01-8	Phenanthrene	53.1		0.52	5.20	ug/L
120-12-7	Anthracene	51.7		0.64	5.20	ug/L
86-74-8	Carbazole	55.6		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	63.0		1.30	5.20	ug/L
206-44-0	Fluoranthene	57.6		0.85	5.20	ug/L
129-00-0	Pyrene	36.0		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	57.1		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	26.3		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	50.7		0.47	5.20	ug/L
218-01-9	Chrysene	51.0		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.5		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.4		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	55.1		0.51	5.20	ug/L

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207-08-9	Benzo(k)fluoranthene	47.1		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	51.5		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.3		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	45.7		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.9		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	24.8		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.2		0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	60.0		23 - 138	40%	SPK: 150
13127-88-3	Phenol-d6	45.1		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.4		67 - 132	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.2		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	60.1		42 - 152	60%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	54200	6.893			
1146-65-2	Naphthalene-d8	195000	8.181			
15067-26-2	Acenaphthene-d10	96500	9.933			
1517-22-2	Phenanthrene-d10	149000	11.422			
1719-03-5	Chrysene-d12	131000	14.069			
1520-96-3	Perylene-d12	158000	15.563			

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