284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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-2-20250605MSD	SDG No.:	Q2268
Lab Sample ID:	Q2268-05MSD	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
BF142736.D	1	06/10/25 08:10	06/11/25 15:50	PB168376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	47.0		4.10	10.4	ug/L
108-95-2	Phenol	18.0		0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.5		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	38.1		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.0		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.7		1.30	5.20	ug/L
98-86-2	Acetophenone	72.7		0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	29.0		1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.8		1.50	2.60	ug/L
67-72-1	Hexachloroethane	100	E	0.68	5.20	ug/L
98-95-3	Nitrobenzene	51.2		0.79	5.20	ug/L
78-59-1	Isophorone	45.3		0.78	5.20	ug/L
88-75-5	2-Nitrophenol	46.6		1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	45.3		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.7		0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.54	5.20	ug/L
91-20-3	Naphthalene	150	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	18.3		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	41.9		0.56	5.20	ug/L
105-60-2	Caprolactam	10.0	J	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	38.0		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	80.6		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	85.2	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	45.7		0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	49.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	49.2		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	47.3		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	47.9		0.64	5.20	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	47.9		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	46.9		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	22.4		1.10	5.20	ug/L
83-32-9	Acenaphthene	51.6		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	84.3	E	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	38.0		2.50	10.4	ug/L
132-64-9	Dibenzofuran	48.1		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	47.4		1.30	5.20	ug/L
84-66-2	Diethylphthalate	48.5		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.9		0.71	5.20	ug/L
86-73-7	Fluorene	47.5		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	40.1		1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.4		3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	48.7		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	48.3		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	48.2		0.54	5.20	ug/L
1912-24-9	Atrazine	53.5		1.10	5.20	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.4	ug/L
85-01-8	Phenanthrene	50.3		0.52	5.20	ug/L
120-12-7	Anthracene	48.2		0.64	5.20	ug/L
86-74-8	Carbazole	52.1		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	59.2		1.30	5.20	ug/L
206-44-0	Fluoranthene	53.0		0.85	5.20	ug/L
129-00-0	Pyrene	36.0		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	55.9		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	26.9		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	48.2		0.47	5.20	ug/L
218-01-9	Chrysene	49.0		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.5		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	49.8		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	52.4		0.51	5.20	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	44.5		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	48.4		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.2		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.7		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	42.3		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.5		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	22.5		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.1		0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	55.9		23 - 138	37%	SPK: 150
13127-88-3	Phenol-d6	42.3		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.3		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.5		52 - 132	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	59.3		42 - 152	59%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58500	6.893			
1146-65-2	Naphthalene-d8	207000	8.181			
15067-26-2	Acenaphthene-d10	104000	9.934			
1517-22-2	Phenanthrene-d10	163000	11.422			
1719-03-5	Chrysene-d12	133000	14.069			
1520-96-3	Perylene-d12	160000	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