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:	06/04/25
Project:	Con Ed Non MGP – Atlantic Ave 453957.600024.05	Date Received:	06/04/25
Client Sample ID:	MW-14-20250604DL	SDG No.:	Q2231
Lab Sample ID:	Q2231-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 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
BM050273.D	10	06/06/25 08:35	06/10/25 11:59	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	39.1	UD	39.1	100	ug/L
108-95-2	Phenol	9.10	UD	9.10	50.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.10	UD	8.10	50.0	ug/L
95-57-8	2-Chlorophenol	5.80	UD	5.80	50.0	ug/L
95-48-7	2-Methylphenol	11.2	UD	11.2	50.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12.8	UD	12.8	50.0	ug/L
98-86-2	Acetophenone	7.40	UD	7.40	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	UD	11.0	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.1	UD	14.1	25.0	ug/L
67-72-1	Hexachloroethane	6.50	UD	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	UD	7.60	50.0	ug/L
78-59-1	Isophorone	7.50	UD	7.50	50.0	ug/L
88-75-5	2-Nitrophenol	17.6	UD	17.6	50.0	ug/L
105-67-9	2,4-Dimethylphenol	18.5	UD	18.5	50.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	6.80	UD	6.80	50.0	ug/L
120-83-2	2,4-Dichlorophenol	5.20	UD	5.20	50.0	ug/L
91-20-3	Naphthalene	2000	ED	5.00	50.0	ug/L
106-47-8	4-Chloroaniline	8.40	UD	8.40	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	UD	5.40	50.0	ug/L
105-60-2	Caprolactam	11.3	UD	11.3	100	ug/L
59-50-7	4-Chloro-3-methylphenol	5.90	UD	5.90	50.0	ug/L
91-57-6	2-Methylnaphthalene	410	D	5.60	50.0	ug/L
77-47-4	Hexachlorocyclopentadiene	36.3	UD	36.3	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	UD	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	UD	6.20	50.0	ug/L
92-52-4	1,1-Biphenyl	20.4	JD	5.30	50.0	ug/L
91-58-7	2-Chloronaphthalene	6.10	UD	6.10	50.0	ug/L
88-74-4	2-Nitroaniline	12.6	UD	12.6	50.0	ug/L
131-11-3	Dimethylphthalate	6.10	UD	6.10	50.0	ug/L

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208-96-8	Acenaphthylene	7.50	UD	7.50	50.0	ug/L
606-20-2	2,6-Dinitrotoluene	9.20	UD	9.20	50.0	ug/L
99-09-2	3-Nitroaniline	10.5	UD	10.5	50.0	ug/L
83-32-9	Acenaphthene	110	D	5.50	50.0	ug/L
51-28-5	2,4-Dinitrophenol	59.7	UD	59.7	100	ug/L
100-02-7	4-Nitrophenol	23.8	UD	23.8	100	ug/L
132-64-9	Dibenzofuran	6.10	UD	6.10	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	UD	12.2	50.0	ug/L
84-66-2	Diethylphthalate	6.90	UD	6.90	50.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	6.80	UD	6.80	50.0	ug/L
86-73-7	Fluorene	33.2	JD	6.30	50.0	ug/L
100-01-6	4-Nitroaniline	15.0	UD	15.0	50.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	28.8	UD	28.8	100	ug/L
86-30-6	n-Nitrosodiphenylamine	5.80	UD	5.80	50.0	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	UD	4.00	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	UD	5.20	50.0	ug/L
1912-24-9	Atrazine	10.1	UD	10.1	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	UD	15.8	100	ug/L
85-01-8	Phenanthrene	59.6	D	5.00	50.0	ug/L
120-12-7	Anthracene	6.10	UD	6.10	50.0	ug/L
86-74-8	Carbazole	7.20	UD	7.20	50.0	ug/L
84-74-2	Di-n-butylphthalate	12.2	UD	12.2	50.0	ug/L
206-44-0	Fluoranthene	8.20	UD	8.20	50.0	ug/L
129-00-0	Pyrene	5.00	UD	5.00	50.0	ug/L
85-68-7	Butylbenzylphthalate	19.3	UD	19.3	50.0	ug/L
91-94-1	3,3-Dichlorobenzidine	9.30	UD	9.30	100	ug/L
56-55-3	Benzo(a)anthracene	4.50	UD	4.50	50.0	ug/L
218-01-9	Chrysene	4.40	UD	4.40	50.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	16.0	UD	16.0	50.0	ug/L
117-84-0	Di-n-octyl phthalate	23.4	UD	23.4	100	ug/L
205-99-2	Benzo(b)fluoranthene	4.90	UD	4.90	50.0	ug/L

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207-08-9	Benzo(k)fluoranthene	4.80	UD	4.80	50.0	ug/L
50-32-8	Benzo(a)pyrene	5.50	UD	5.50	50.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.90	UD	5.90	50.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.70	UD	6.70	50.0	ug/L
191-24-2	Benzo(g,h,i)perylene	6.90	UD	6.90	50.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	UD	5.20	50.0	ug/L
123-91-1	1,4-Dioxane	10.0	UD	10.0	50.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.20	UD	7.20	50.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	78.5		23 - 138	52%	SPK: 150
13127-88-3	Phenol-d6	43.3		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.2		67 - 132	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		52 - 132	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		44 - 137	97%	SPK: 150
1718-51-0	Terphenyl-d14	110		42 - 152	110%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	306000	7.763			
1146-65-2	Naphthalene-d8	1200000	10.551			
15067-26-2	Acenaphthene-d10	656000	14.392			
1517-22-2	Phenanthrene-d10	1230000	17.133			
1719-03-5	Chrysene-d12	1300000	21.362			
1520-96-3	Perylene-d12	1340000	24.339			

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