

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-14-20250604DL2		SDG No.:	Q2231
Lab Sample ID:	Q2231-02DL2		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
BM050275.D	50	06/06/25 08:35	06/10/25 13:28	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	200	UD	200	500	ug/L
108-95-2	Phenol	45.5	UD	45.5	250	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.5	UD	40.5	250	ug/L
95-57-8	2-Chlorophenol	29.0	UD	29.0	250	ug/L
95-48-7	2-Methylphenol	56.0	UD	56.0	250	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	64.0	UD	64.0	250	ug/L
98-86-2	Acetophenone	37.0	UD	37.0	250	ug/L
65794-96-9	3+4-Methylphenols	55.0	UD	55.0	500	ug/L
621-64-7	n-Nitroso-di-n-propylamine	70.5	UD	70.5	130	ug/L
67-72-1	Hexachloroethane	32.5	UD	32.5	250	ug/L
98-95-3	Nitrobenzene	38.0	UD	38.0	250	ug/L
78-59-1	Isophorone	37.5	UD	37.5	250	ug/L
88-75-5	2-Nitrophenol	88.0	UD	88.0	250	ug/L
105-67-9	2,4-Dimethylphenol	92.5	UD	92.5	250	ug/L
111-91-1	bis(2-Chloroethoxy)methane	34.0	UD	34.0	250	ug/L
120-83-2	2,4-Dichlorophenol	26.0	UD	26.0	250	ug/L
91-20-3	Naphthalene	2100	D	25.0	250	ug/L
106-47-8	4-Chloroaniline	42.0	UD	42.0	250	ug/L
87-68-3	Hexachlorobutadiene	27.0	UD	27.0	250	ug/L
105-60-2	Caprolactam	56.5	UD	56.5	500	ug/L
59-50-7	4-Chloro-3-methylphenol	29.5	UD	29.5	250	ug/L
91-57-6	2-Methylnaphthalene	370	D	28.0	250	ug/L
77-47-4	Hexachlorocyclopentadiene	180	UD	180	500	ug/L
88-06-2	2,4,6-Trichlorophenol	25.5	UD	25.5	250	ug/L
95-95-4	2,4,5-Trichlorophenol	31.0	UD	31.0	250	ug/L
92-52-4	1,1-Biphenyl	26.5	UD	26.5	250	ug/L
91-58-7	2-Chloronaphthalene	30.5	UD	30.5	250	ug/L
88-74-4	2-Nitroaniline	63.0	UD	63.0	250	ug/L
131-11-3	Dimethylphthalate	30.5	UD	30.5	250	ug/L

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208-96-8	Acenaphthylene	37.5	UD	37.5	250	ug/L
606-20-2	2,6-Dinitrotoluene	46.0	UD	46.0	250	ug/L
99-09-2	3-Nitroaniline	52.5	UD	52.5	250	ug/L
83-32-9	Acenaphthene	27.5	UD	27.5	250	ug/L
51-28-5	2,4-Dinitrophenol	300	UD	300	500	ug/L
100-02-7	4-Nitrophenol	120	UD	120	500	ug/L
132-64-9	Dibenzofuran	30.5	UD	30.5	250	ug/L
121-14-2	2,4-Dinitrotoluene	61.0	UD	61.0	250	ug/L
84-66-2	Diethylphthalate	34.5	UD	34.5	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34.0	UD	34.0	250	ug/L
86-73-7	Fluorene	31.5	UD	31.5	250	ug/L
100-01-6	4-Nitroaniline	75.0	UD	75.0	250	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	140	UD	140	500	ug/L
86-30-6	n-Nitrosodiphenylamine	29.0	UD	29.0	250	ug/L
101-55-3	4-Bromophenyl-phenylether	20.0	UD	20.0	250	ug/L
118-74-1	Hexachlorobenzene	26.0	UD	26.0	250	ug/L
1912-24-9	Atrazine	50.5	UD	50.5	250	ug/L
87-86-5	Pentachlorophenol	79.0	UD	79.0	500	ug/L
85-01-8	Phenanthrene	25.0	UD	25.0	250	ug/L
120-12-7	Anthracene	30.5	UD	30.5	250	ug/L
86-74-8	Carbazole	36.0	UD	36.0	250	ug/L
84-74-2	Di-n-butylphthalate	61.0	UD	61.0	250	ug/L
206-44-0	Fluoranthene	41.0	UD	41.0	250	ug/L
129-00-0	Pyrene	25.0	UD	25.0	250	ug/L
85-68-7	Butylbenzylphthalate	96.5	UD	96.5	250	ug/L
91-94-1	3,3-Dichlorobenzidine	46.5	UD	46.5	500	ug/L
56-55-3	Benzo(a)anthracene	22.5	UD	22.5	250	ug/L
218-01-9	Chrysene	22.0	UD	22.0	250	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	80.0	UD	80.0	250	ug/L
117-84-0	Di-n-octyl phthalate	120	UD	120	500	ug/L
205-99-2	Benzo(b)fluoranthene	24.5	UD	24.5	250	ug/L

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207-08-9	Benzo(k)fluoranthene	24.0	UD	24.0	250	ug/L
50-32-8	Benzo(a)pyrene	27.5	UD	27.5	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29.5	UD	29.5	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	33.5	UD	33.5	250	ug/L
191-24-2	Benzo(g,h,i)perylene	34.5	UD	34.5	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26.0	UD	26.0	250	ug/L
123-91-1	1,4-Dioxane	50.0	UD	50.0	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36.0	UD	36.0	250	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.0		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	39.0		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.4		67 - 132	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.0		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.4		44 - 137	58%	SPK: 150
1718-51-0	Terphenyl-d14	91.5		42 - 152	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	323000	7.763			
1146-65-2	Naphthalene-d8	1230000	10.551			
15067-26-2	Acenaphthene-d10	643000	14.392			
1517-22-2	Phenanthrene-d10	1190000	17.133			
1719-03-5	Chrysene-d12	1260000	21.362			
1520-96-3	Perylene-d12	1330000	24.338			

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