

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	MW6-20241213MSD	SDG No.:	P5291
Lab Sample ID:	P5291-09MSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 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
BF140913.D	1	12/17/24 08:56	12/18/24 18:30	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.8		4.10	10.3	ug/L
108-95-2	Phenol	21.4		0.96	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	56.6		1.20	5.20	ug/L
95-57-8	2-Chlorophenol	48.1		0.73	5.20	ug/L
95-48-7	2-Methylphenol	44.6		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	63.2		1.40	5.20	ug/L
98-86-2	Acetophenone	72.3		1.10	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.8		1.20	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	64.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	69.2		1.00	5.20	ug/L
98-95-3	Nitrobenzene	58.8		1.30	5.20	ug/L
78-59-1	Isophorone	64.0		1.20	5.20	ug/L
88-75-5	2-Nitrophenol	62.0		2.00	5.20	ug/L
105-67-9	2,4-Dimethylphenol	96.2	E	1.60	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	63.6		1.10	5.20	ug/L
120-83-2	2,4-Dichlorophenol	59.4		0.91	5.20	ug/L
91-20-3	Naphthalene	66.5		1.10	5.20	ug/L
106-47-8	4-Chloroaniline	22.5		1.30	5.20	ug/L
87-68-3	Hexachlorobutadiene	52.7		1.30	5.20	ug/L
105-60-2	Caprolactam	10.1	J	1.70	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	54.5		0.87	5.20	ug/L
91-57-6	2-Methylnaphthalene	62.5		1.20	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	61.9		5.20	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	54.4		0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	51.7		1.00	5.20	ug/L
92-52-4	1,1-Biphenyl	54.3		0.94	5.20	ug/L
91-58-7	2-Chloronaphthalene	52.3		1.00	5.20	ug/L
88-74-4	2-Nitroaniline	59.1		1.50	5.20	ug/L
131-11-3	Dimethylphthalate	57.2		0.96	5.20	ug/L

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208-96-8	Acenaphthylene	59.2		1.10	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	54.9		1.30	5.20	ug/L
99-09-2	3-Nitroaniline	28.8		1.40	5.20	ug/L
83-32-9	Acenaphthene	58.0		0.84	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.60	10.3	ug/L
100-02-7	4-Nitrophenol	29.2		2.10	10.3	ug/L
132-64-9	Dibenzofuran	56.7		0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	54.9		1.60	5.20	ug/L
84-66-2	Diethylphthalate	52.0		1.10	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.5		1.00	5.20	ug/L
86-73-7	Fluorene	52.2		0.99	5.20	ug/L
100-01-6	4-Nitroaniline	42.1		2.10	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	68.7		3.20	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	70.4		0.92	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	69.4		0.98	5.20	ug/L
118-74-1	Hexachlorobenzene	66.3		1.20	5.20	ug/L
1912-24-9	Atrazine	77.7		1.30	5.20	ug/L
87-86-5	Pentachlorophenol	160	E	1.90	10.3	ug/L
85-01-8	Phenanthrene	63.8		0.92	5.20	ug/L
120-12-7	Anthracene	65.7		1.10	5.20	ug/L
86-74-8	Carbazole	57.1		1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	63.2		1.50	5.20	ug/L
206-44-0	Fluoranthene	55.0		1.30	5.20	ug/L
129-00-0	Pyrene	57.4		1.10	5.20	ug/L
85-68-7	Butylbenzylphthalate	59.7		2.20	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	25.7		1.30	10.3	ug/L
56-55-3	Benzo(a)anthracene	58.7		0.97	5.20	ug/L
218-01-9	Chrysene	56.2		0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63.8		1.90	5.20	ug/L
117-84-0	Di-n-octyl phthalate	64.7		2.60	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	55.6		1.20	5.20	ug/L

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207-08-9	Benzo(k)fluoranthene	65.7		1.20	5.20	ug/L
50-32-8	Benzo(a)pyrene	66.0		1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.2		1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.4		1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	47.2		1.20	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52.9		1.10	5.20	ug/L
123-91-1	1,4-Dioxane	17.4		1.30	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	63.7		0.81	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.4		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	45.4		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	117		49 - 133	117%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		44 - 137	101%	SPK: 150
1718-51-0	Terphenyl-d14	109		48 - 125	109%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	62100	6.845			
1146-65-2	Naphthalene-d8	234000	8.128			
15067-26-2	Acenaphthene-d10	146000	9.886			
1517-22-2	Phenanthrene-d10	224000	11.38			
1719-03-5	Chrysene-d12	148000	14.033			
1520-96-3	Perylene-d12	143000	15.539			

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