

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue		Date Received:	12/13/24
Client Sample ID:	MW14-20241212		SDG No.:	P5270
Lab Sample ID:	P5270-08		Matrix:	Water
Analytical Method:	SW8270		% 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
BF140883.D	1	12/13/24 11:40	12/17/24 14:19	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	UQ	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	UQ	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	UQ	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	UQ	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1300	E	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	380	E	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	19.9	Q	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	UQ	0.93	5.00	ug/L

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208-96-8	Acenaphthylene	1.00	UQ	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	90.3	E	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	37.4		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	UQ	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	UQ	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	47.9		0.89	5.00	ug/L
120-12-7	Anthracene	9.60	Q	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	UQ	1.50	5.00	ug/L
206-44-0	Fluoranthene	2.40	J	1.30	5.00	ug/L
129-00-0	Pyrene	3.90	JQ	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	UQ	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	UQ	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	UQ	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

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Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
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207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	UQ	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	UQ	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UQ	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.7		10 - 139	41%	SPK: 150
13127-88-3	Phenol-d6	35.1		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.2		49 - 133	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.8		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	73.8		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58100	6.851			
1146-65-2	Naphthalene-d8	186000	8.151			
15067-26-2	Acenaphthene-d10	115000	9.88			
1517-22-2	Phenanthrene-d10	200000	11.374			
1719-03-5	Chrysene-d12	164000	14.021			
1520-96-3	Perylene-d12	179000	15.521			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	310	JB		2.14	ug/L
000103-65-1	Benzene, propyl-	45.1	J		6.31	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	40.3	J		6.40	ug/L
000108-67-8	Mesitylene	17.7	J		6.45	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	400	J		6.68	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	160	J		6.91	ug/L
000496-11-7	Indane	260	J		7.03	ug/L

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000141-93-5	Benzene, 1,3-diethyl-	57.3	J		7.09	ug/L
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	71.5	J		7.16	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	42.3	J		7.31	ug/L
000527-84-4	o-Cymene	18.9	J		7.33	ug/L
90-12-0	1-Methylnaphthalene	400	J		8.96	ug/L
000939-27-5	Naphthalene, 2-ethyl-	35.6	J		9.40	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	26.7	J		9.47	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	43.3	J		9.54	ug/L
000101-81-5	Diphenylmethane	16.2	J		9.57	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	26.4	J		9.66	ug/L
000573-98-8	Naphthalene, 1,2-dimethyl-	13.7	J		9.74	ug/L
000203-80-5	1H-Phenylene	9.50	J		10.3	ug/L
	unknown10.539	8.50	J		10.5	ug/L

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