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

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:	MW6-20241213MS	SDG No.:	P5291
Lab Sample ID:	P5291-08MS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 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
BF140912.D	1	12/17/24 08:56	12/18/24 18:04	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	26.5		4.10	10.2	ug/L
108-95-2	Phenol	21.3		0.95	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	54.3		1.20	5.10	ug/L
95-57-8	2-Chlorophenol	45.3		0.72	5.10	ug/L
95-48-7	2-Methylphenol	40.0		1.20	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	56.7		1.40	5.10	ug/L
98-86-2	Acetophenone	62.5		1.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	36.6		1.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	57.9		1.50	2.60	ug/L
67-72-1	Hexachloroethane	62.0		1.00	5.10	ug/L
98-95-3	Nitrobenzene	51.8		1.30	5.10	ug/L
78-59-1	Isophorone	56.7		1.20	5.10	ug/L
88-75-5	2-Nitrophenol	54.5		2.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	82.5	E	1.50	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.4		1.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	50.8		0.90	5.10	ug/L
91-20-3	Naphthalene	60.6		1.00	5.10	ug/L
106-47-8	4-Chloroaniline	22.0		1.30	5.10	ug/L
87-68-3	Hexachlorobutadiene	45.9		1.30	5.10	ug/L
105-60-2	Caprolactam	8.60	J	1.70	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	47.2		0.86	5.10	ug/L
91-57-6	2-Methylnaphthalene	54.0		1.20	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	62.8		5.10	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	52.3		0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	51.1		1.00	5.10	ug/L
92-52-4	1,1-Biphenyl	52.2		0.93	5.10	ug/L
91-58-7	2-Chloronaphthalene	50.0		0.99	5.10	ug/L
88-74-4	2-Nitroaniline	55.6		1.40	5.10	ug/L
131-11-3	Dimethylphthalate	52.9		0.95	5.10	ug/L

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208-96-8	Acenaphthylene	54.9		1.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	49.4		1.30	5.10	ug/L
99-09-2	3-Nitroaniline	26.0		1.40	5.10	ug/L
83-32-9	Acenaphthene	53.3		0.83	5.10	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.60	10.2	ug/L
100-02-7	4-Nitrophenol	27.6		2.00	10.2	ug/L
132-64-9	Dibenzofuran	51.6		0.95	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	49.9		1.60	5.10	ug/L
84-66-2	Diethylphthalate	50.8		1.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.3		1.00	5.10	ug/L
86-73-7	Fluorene	49.9		0.98	5.10	ug/L
100-01-6	4-Nitroaniline	39.4		2.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	57.7		3.10	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	58.2		0.91	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	56.1		0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	55.8		1.20	5.10	ug/L
1912-24-9	Atrazine	63.2		1.30	5.10	ug/L
87-86-5	Pentachlorophenol	140	E	1.90	10.2	ug/L
85-01-8	Phenanthrene	56.7		0.91	5.10	ug/L
120-12-7	Anthracene	59.0		1.10	5.10	ug/L
86-74-8	Carbazole	50.9		1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	56.2		1.50	5.10	ug/L
206-44-0	Fluoranthene	48.6		1.30	5.10	ug/L
129-00-0	Pyrene	53.6		1.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	53.9		2.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	23.1		1.30	10.2	ug/L
56-55-3	Benzo(a)anthracene	51.2		0.96	5.10	ug/L
218-01-9	Chrysene	53.2		0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	58.2		1.90	5.10	ug/L
117-84-0	Di-n-octyl phthalate	63.0		2.60	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	50.8		1.20	5.10	ug/L

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207-08-9	Benzo(k)fluoranthene	56.1		1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	59.3		1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.5		1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.0		1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		1.20	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.4		1.10	5.10	ug/L
123-91-1	1,4-Dioxane	17.3		1.30	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.7		0.81	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	83.9		10 - 139	56%	SPK: 150
13127-88-3	Phenol-d6	45.1		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.3		52 - 132	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	143		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	101		48 - 125	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	60500	6.845			
1146-65-2	Naphthalene-d8	235000	8.134			
15067-26-2	Acenaphthene-d10	140000	9.886			
1517-22-2	Phenanthrene-d10	245000	11.375			
1719-03-5	Chrysene-d12	147000	14.033			
1520-96-3	Perylene-d12	150000	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