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:	MW3-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-06DL	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
BF140924.D	5	12/17/24 08:56	12/19/24 14:21	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.4	UD	20.4	51.0	ug/L
108-95-2	Phenol	4.70	UD	4.70	25.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.10	UDQ	6.10	25.5	ug/L
95-57-8	2-Chlorophenol	3.60	UD	3.60	25.5	ug/L
95-48-7	2-Methylphenol	5.80	UDQ	5.80	25.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.90	UDQ	6.90	25.5	ug/L
98-86-2	Acetophenone	5.60	UDQ	5.60	25.5	ug/L
65794-96-9	3+4-Methylphenols	5.90	UDQ	5.90	51.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.60	UDQ	7.60	12.8	ug/L
67-72-1	Hexachloroethane	5.20	UD	5.20	25.5	ug/L
98-95-3	Nitrobenzene	6.50	UD	6.50	25.5	ug/L
78-59-1	Isophorone	5.80	UDQ	5.80	25.5	ug/L
88-75-5	2-Nitrophenol	10.0	UD	10.0	25.5	ug/L
105-67-9	2,4-Dimethylphenol	7.70	UD	7.70	25.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.20	UDQ	5.20	25.5	ug/L
120-83-2	2,4-Dichlorophenol	4.50	UD	4.50	25.5	ug/L
91-20-3	Naphthalene	170	D	5.20	25.5	ug/L
106-47-8	4-Chloroaniline	6.60	UD	6.60	25.5	ug/L
87-68-3	Hexachlorobutadiene	6.50	UD	6.50	25.5	ug/L
105-60-2	Caprolactam	8.40	UD	8.40	51.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.30	UD	4.30	25.5	ug/L
91-57-6	2-Methylnaphthalene	13.4	JD	5.80	25.5	ug/L
77-47-4	Hexachlorocyclopentadiene	25.6	UD	25.6	51.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.50	UD	4.50	25.5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.20	UD	5.20	25.5	ug/L
92-52-4	1,1-Biphenyl	4.60	UDQ	4.60	25.5	ug/L
91-58-7	2-Chloronaphthalene	4.90	UD	4.90	25.5	ug/L
88-74-4	2-Nitroaniline	7.20	UD	7.20	25.5	ug/L
131-11-3	Dimethylphthalate	4.70	UDQ	4.70	25.5	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	UDQ	5.30	25.5	ug/L
606-20-2	2,6-Dinitrotoluene	6.30	UD	6.30	25.5	ug/L
99-09-2	3-Nitroaniline	7.00	UD	7.00	25.5	ug/L
83-32-9	Acenaphthene	4.10	UD	4.10	25.5	ug/L
51-28-5	2,4-Dinitrophenol	32.8	UD	32.8	51.0	ug/L
100-02-7	4-Nitrophenol	10.2	UD	10.2	51.0	ug/L
132-64-9	Dibenzofuran	4.70	UD	4.70	25.5	ug/L
121-14-2	2,4-Dinitrotoluene	7.80	UD	7.80	25.5	ug/L
84-66-2	Diethylphthalate	5.30	UD	5.30	25.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	UD	5.00	25.5	ug/L
86-73-7	Fluorene	4.90	UD	4.90	25.5	ug/L
100-01-6	4-Nitroaniline	10.4	UD	10.4	25.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.7	UD	15.7	51.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.50	UDQ	4.50	25.5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.80	UDQ	4.80	25.5	ug/L
118-74-1	Hexachlorobenzene	5.80	UD	5.80	25.5	ug/L
1912-24-9	Atrazine	6.40	UDQ	6.40	25.5	ug/L
87-86-5	Pentachlorophenol	9.40	UD	9.40	51.0	ug/L
85-01-8	Phenanthrene	4.50	UD	4.50	25.5	ug/L
120-12-7	Anthracene	5.50	UDQ	5.50	25.5	ug/L
86-74-8	Carbazole	5.90	UD	5.90	25.5	ug/L
84-74-2	Di-n-butylphthalate	7.50	UDQ	7.50	25.5	ug/L
206-44-0	Fluoranthene	6.60	UD	6.60	25.5	ug/L
129-00-0	Pyrene	5.40	UDQ	5.40	25.5	ug/L
85-68-7	Butylbenzylphthalate	10.7	UDQ	10.7	25.5	ug/L
91-94-1	3,3-Dichlorobenzidine	6.50	UD	6.50	51.0	ug/L
56-55-3	Benzo(a)anthracene	4.80	UDQ	4.80	25.5	ug/L
218-01-9	Chrysene	4.40	UD	4.40	25.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.60	UDQ	9.60	25.5	ug/L
117-84-0	Di-n-octyl phthalate	12.8	UD	12.8	51.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.80	UD	5.80	25.5	ug/L

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207-08-9	Benzo(k)fluoranthene	6.10	UDQ	6.10	25.5	ug/L
50-32-8	Benzo(a)pyrene	8.50	UD	8.50	25.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	UDQ	5.20	25.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.90	UDQ	5.90	25.5	ug/L
191-24-2	Benzo(g,h,i)perylene	6.00	UD	6.00	25.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	UD	5.60	25.5	ug/L
123-91-1	1,4-Dioxane	6.40	UD	6.40	25.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	UD	4.00	25.5	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	54.8		10 - 139	37%	SPK: 150
13127-88-3	Phenol-d6	33.2		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.6		49 - 133	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	104		52 - 132	104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	107		48 - 125	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	62500	6.851			
1146-65-2	Naphthalene-d8	247000	8.128			
15067-26-2	Acenaphthene-d10	131000	9.88			
1517-22-2	Phenanthrene-d10	225000	11.374			
1719-03-5	Chrysene-d12	137000	14.027			
1520-96-3	Perylene-d12	141000	15.533			

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