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:	12/12/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW14-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-08DL	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
BF140886.D	20	12/13/24 11:40	12/17/24 15:38	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	80.0	UD	80.0	200	ug/L
108-95-2	Phenol	18.6	UD	18.6	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	23.8	UDQ	23.8	100	ug/L
95-57-8	2-Chlorophenol	14.2	UD	14.2	100	ug/L
95-48-7	2-Methylphenol	22.6	UD	22.6	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27.0	UDQ	27.0	100	ug/L
98-86-2	Acetophenone	22.0	UDQ	22.0	100	ug/L
65794-96-9	3+4-Methylphenols	23.0	UD	23.0	200	ug/L
621-64-7	n-Nitroso-di-n-propylamine	29.6	UD	29.6	50.0	ug/L
67-72-1	Hexachloroethane	20.2	UD	20.2	100	ug/L
98-95-3	Nitrobenzene	25.4	UD	25.4	100	ug/L
78-59-1	Isophorone	22.8	UDQ	22.8	100	ug/L
88-75-5	2-Nitrophenol	39.2	UD	39.2	100	ug/L
105-67-9	2,4-Dimethylphenol	30.2	UD	30.2	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	UD	20.4	100	ug/L
120-83-2	2,4-Dichlorophenol	17.6	UD	17.6	100	ug/L
91-20-3	Naphthalene	2100	ED	20.4	100	ug/L
106-47-8	4-Chloroaniline	26.0	UD	26.0	100	ug/L
87-68-3	Hexachlorobutadiene	25.4	UD	25.4	100	ug/L
105-60-2	Caprolactam	33.0	UD	33.0	200	ug/L
59-50-7	4-Chloro-3-methylphenol	16.8	UD	16.8	100	ug/L
91-57-6	2-Methylnaphthalene	460	D	22.6	100	ug/L
77-47-4	Hexachlorocyclopentadiene	100	UD	100	200	ug/L
88-06-2	2,4,6-Trichlorophenol	17.8	UD	17.8	100	ug/L
95-95-4	2,4,5-Trichlorophenol	20.2	UD	20.2	100	ug/L
92-52-4	1,1-Biphenyl	18.2	UDQ	18.2	100	ug/L
91-58-7	2-Chloronaphthalene	19.4	UD	19.4	100	ug/L
88-74-4	2-Nitroaniline	28.2	UD	28.2	100	ug/L
131-11-3	Dimethylphthalate	18.6	UDQ	18.6	100	ug/L

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Lab Sample ID:	P5270-08DL	Matrix:	Water
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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		

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	20.8	UDQ	20.8	100	ug/L
606-20-2	2,6-Dinitrotoluene	24.8	UD	24.8	100	ug/L
99-09-2	3-Nitroaniline	27.4	UD	27.4	100	ug/L
83-32-9	Acenaphthene	110	D	16.2	100	ug/L
51-28-5	2,4-Dinitrophenol	130	UD	130	200	ug/L
100-02-7	4-Nitrophenol	40.0	UD	40.0	200	ug/L
132-64-9	Dibenzofuran	18.6	UD	18.6	100	ug/L
121-14-2	2,4-Dinitrotoluene	30.4	UD	30.4	100	ug/L
84-66-2	Diethylphthalate	20.8	UD	20.8	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19.6	UD	19.6	100	ug/L
86-73-7	Fluorene	19.2	UD	19.2	100	ug/L
100-01-6	4-Nitroaniline	40.8	UD	40.8	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.4	UD	61.4	200	ug/L
86-30-6	n-Nitrosodiphenylamine	17.8	UDQ	17.8	100	ug/L
101-55-3	4-Bromophenyl-phenylether	19.0	UDQ	19.0	100	ug/L
118-74-1	Hexachlorobenzene	22.8	UD	22.8	100	ug/L
1912-24-9	Atrazine	25.2	UDQ	25.2	100	ug/L
87-86-5	Pentachlorophenol	37.0	UD	37.0	200	ug/L
85-01-8	Phenanthrene	57.9	JD	17.8	100	ug/L
120-12-7	Anthracene	21.4	UDQ	21.4	100	ug/L
86-74-8	Carbazole	23.0	UD	23.0	100	ug/L
84-74-2	Di-n-butylphthalate	29.4	UDQ	29.4	100	ug/L
206-44-0	Fluoranthene	25.8	UD	25.8	100	ug/L
129-00-0	Pyrene	21.2	UDQ	21.2	100	ug/L
85-68-7	Butylbenzylphthalate	42.0	UDQ	42.0	100	ug/L
91-94-1	3,3-Dichlorobenzidine	25.6	UD	25.6	200	ug/L
56-55-3	Benzo(a)anthracene	18.8	UDQ	18.8	100	ug/L
218-01-9	Chrysene	17.2	UD	17.2	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37.8	UDQ	37.8	100	ug/L
117-84-0	Di-n-octyl phthalate	50.0	UD	50.0	200	ug/L
205-99-2	Benzo(b)fluoranthene	22.8	UD	22.8	100	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	23.8	UD	23.8	100	ug/L
50-32-8	Benzo(a)pyrene	33.4	UD	33.4	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.4	UDQ	20.4	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	23.0	UDQ	23.0	100	ug/L
191-24-2	Benzo(g,h,i)perylene	23.6	UD	23.6	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21.8	UDQ	21.8	100	ug/L
123-91-1	1,4-Dioxane	25.0	UD	25.0	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15.8	UD	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	54.7		10 - 139	36%	SPK: 150
13127-88-3	Phenol-d6	34.9		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.0		49 - 133	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	112		52 - 132	112%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		44 - 137	85%	SPK: 150
1718-51-0	Terphenyl-d14	92.1		48 - 125	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	50800	6.851			
1146-65-2	Naphthalene-d8	189000	8.128			
15067-26-2	Acenaphthene-d10	104000	9.88			
1517-22-2	Phenanthrene-d10	208000	11.369			
1719-03-5	Chrysene-d12	166000	14.021			
1520-96-3	Perylene-d12	184000	15.504			

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