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:	MW12-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-07DL	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
BF140885.D	10	12/13/24 11:40	12/17/24 15:12	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	40.0	UD	40.0	100	ug/L
108-95-2	Phenol	9.30	UD	9.30	50.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	UDQ	11.9	50.0	ug/L
95-57-8	2-Chlorophenol	7.10	UD	7.10	50.0	ug/L
95-48-7	2-Methylphenol	11.3	UD	11.3	50.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	UDQ	13.5	50.0	ug/L
98-86-2	Acetophenone	11.0	UDQ	11.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	UD	11.5	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	UD	14.8	25.0	ug/L
67-72-1	Hexachloroethane	10.1	UD	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	UD	12.7	50.0	ug/L
78-59-1	Isophorone	11.4	UDQ	11.4	50.0	ug/L
88-75-5	2-Nitrophenol	19.6	UD	19.6	50.0	ug/L
105-67-9	2,4-Dimethylphenol	15.1	UD	15.1	50.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	UD	10.2	50.0	ug/L
120-83-2	2,4-Dichlorophenol	8.80	UD	8.80	50.0	ug/L
91-20-3	Naphthalene	960	ED	10.2	50.0	ug/L
106-47-8	4-Chloroaniline	13.0	UD	13.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	UD	12.7	50.0	ug/L
105-60-2	Caprolactam	16.5	UD	16.5	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.40	UD	8.40	50.0	ug/L
91-57-6	2-Methylnaphthalene	160	D	11.3	50.0	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	UD	50.2	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	UD	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	UD	10.1	50.0	ug/L
92-52-4	1,1-Biphenyl	63.3	DQ	9.10	50.0	ug/L
91-58-7	2-Chloronaphthalene	9.70	UD	9.70	50.0	ug/L
88-74-4	2-Nitroaniline	14.1	UD	14.1	50.0	ug/L
131-11-3	Dimethylphthalate	9.30	UDQ	9.30	50.0	ug/L

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Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/13/24
Client Sample ID:	MW12-20241212DL	SDG No.:	P5270
Lab Sample ID:	P5270-07DL	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
BF140885.D	10	12/13/24 11:40	12/17/24 15:12	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	10.4	UDQ	10.4	50.0	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	UD	12.4	50.0	ug/L
99-09-2	3-Nitroaniline	13.7	UD	13.7	50.0	ug/L
83-32-9	Acenaphthene	110	D	8.10	50.0	ug/L
51-28-5	2,4-Dinitrophenol	64.2	UD	64.2	100	ug/L
100-02-7	4-Nitrophenol	20.0	UD	20.0	100	ug/L
132-64-9	Dibenzofuran	9.30	UD	9.30	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	UD	15.2	50.0	ug/L
84-66-2	Diethylphthalate	10.4	UD	10.4	50.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.80	UD	9.80	50.0	ug/L
86-73-7	Fluorene	46.7	JD	9.60	50.0	ug/L
100-01-6	4-Nitroaniline	20.4	UD	20.4	50.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	UD	30.7	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.90	UDQ	8.90	50.0	ug/L
101-55-3	4-Bromophenyl-phenylether	9.50	UDQ	9.50	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	UD	11.4	50.0	ug/L
1912-24-9	Atrazine	12.6	UDQ	12.6	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	UD	18.5	100	ug/L
85-01-8	Phenanthrene	60.2	D	8.90	50.0	ug/L
120-12-7	Anthracene	10.7	UDQ	10.7	50.0	ug/L
86-74-8	Carbazole	11.5	UD	11.5	50.0	ug/L
84-74-2	Di-n-butylphthalate	14.7	UDQ	14.7	50.0	ug/L
206-44-0	Fluoranthene	12.9	UD	12.9	50.0	ug/L
129-00-0	Pyrene	10.6	UDQ	10.6	50.0	ug/L
85-68-7	Butylbenzylphthalate	21.0	UDQ	21.0	50.0	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	UD	12.8	100	ug/L
56-55-3	Benzo(a)anthracene	9.40	UDQ	9.40	50.0	ug/L
218-01-9	Chrysene	8.60	UD	8.60	50.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	UDQ	18.9	50.0	ug/L
117-84-0	Di-n-octyl phthalate	25.0	UD	25.0	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	UD	11.4	50.0	ug/L

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Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
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BF140885.D	10	12/13/24 11:40	12/17/24 15:12	PB165623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	11.9	UD	11.9	50.0	ug/L
50-32-8	Benzo(a)pyrene	16.7	UD	16.7	50.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	UDQ	10.2	50.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	UDQ	11.5	50.0	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	UD	11.8	50.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	UDQ	10.9	50.0	ug/L
123-91-1	1,4-Dioxane	12.5	UD	12.5	50.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.90	UD	7.90	50.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	60.1		10 - 139	40%	SPK: 150
13127-88-3	Phenol-d6	32.8		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.2		49 - 133	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		52 - 132	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		44 - 137	74%	SPK: 150
1718-51-0	Terphenyl-d14	83.8		48 - 125	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	51900	6.851			
1146-65-2	Naphthalene-d8	191000	8.128			
15067-26-2	Acenaphthene-d10	103000	9.881			
1517-22-2	Phenanthrene-d10	184000	11.369			
1719-03-5	Chrysene-d12	134000	14.022			
1520-96-3	Perylene-d12	143000	15.51			

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