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:	MW2-20241213DL	SDG No.:	P5291
Lab Sample ID:	P5291-05DL	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
BF140966.D	2	12/17/24 08:56	12/23/24 15:01	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	8.20	UD	8.20	20.4	ug/L
108-95-2	Phenol	1.90	UD	1.90	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	2.40	UDQ	2.40	10.2	ug/L
95-57-8	2-Chlorophenol	1.40	UD	1.40	10.2	ug/L
95-48-7	2-Methylphenol	2.30	UDQ	2.30	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.80	UDQ	2.80	10.2	ug/L
98-86-2	Acetophenone	2.20	UDQ	2.20	10.2	ug/L
65794-96-9	3+4-Methylphenols	2.30	UDQ	2.30	20.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.00	UDQ	3.00	5.10	ug/L
67-72-1	Hexachloroethane	2.10	UD	2.10	10.2	ug/L
98-95-3	Nitrobenzene	2.60	UD	2.60	10.2	ug/L
78-59-1	Isophorone	2.30	UDQ	2.30	10.2	ug/L
88-75-5	2-Nitrophenol	4.00	UD	4.00	10.2	ug/L
105-67-9	2,4-Dimethylphenol	3.10	UD	3.10	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.10	UDQ	2.10	10.2	ug/L
120-83-2	2,4-Dichlorophenol	1.80	UD	1.80	10.2	ug/L
91-20-3	Naphthalene	94.1	D	2.10	10.2	ug/L
106-47-8	4-Chloroaniline	2.70	UD	2.70	10.2	ug/L
87-68-3	Hexachlorobutadiene	2.60	UD	2.60	10.2	ug/L
105-60-2	Caprolactam	3.40	UD	3.40	20.4	ug/L
59-50-7	4-Chloro-3-methylphenol	1.70	UD	1.70	10.2	ug/L
91-57-6	2-Methylnaphthalene	29.8	D	2.30	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	UD	10.2	20.4	ug/L
88-06-2	2,4,6-Trichlorophenol	1.80	UD	1.80	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	2.10	UD	2.10	10.2	ug/L
92-52-4	1,1-Biphenyl	1.90	UDQ	1.90	10.2	ug/L
91-58-7	2-Chloronaphthalene	2.00	UD	2.00	10.2	ug/L
88-74-4	2-Nitroaniline	2.90	UD	2.90	10.2	ug/L
131-11-3	Dimethylphthalate	1.90	UDQ	1.90	10.2	ug/L

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Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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BF140966.D	2	12/17/24 08:56	12/23/24 15:01	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	2.10	UDQ	2.10	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	2.50	UD	2.50	10.2	ug/L
99-09-2	3-Nitroaniline	2.80	UD	2.80	10.2	ug/L
83-32-9	Acenaphthene	1.70	UD	1.70	10.2	ug/L
51-28-5	2,4-Dinitrophenol	13.1	UD	13.1	20.4	ug/L
100-02-7	4-Nitrophenol	4.10	UD	4.10	20.4	ug/L
132-64-9	Dibenzofuran	1.90	UD	1.90	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	3.10	UD	3.10	10.2	ug/L
84-66-2	Diethylphthalate	2.10	UD	2.10	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.00	UD	2.00	10.2	ug/L
86-73-7	Fluorene	2.00	UD	2.00	10.2	ug/L
100-01-6	4-Nitroaniline	4.20	UD	4.20	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.30	UD	6.30	20.4	ug/L
86-30-6	n-Nitrosodiphenylamine	1.80	UDQ	1.80	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.90	UDQ	1.90	10.2	ug/L
118-74-1	Hexachlorobenzene	2.30	UD	2.30	10.2	ug/L
1912-24-9	Atrazine	2.60	UDQ	2.60	10.2	ug/L
87-86-5	Pentachlorophenol	3.80	UD	3.80	20.4	ug/L
85-01-8	Phenanthrene	1.80	UD	1.80	10.2	ug/L
120-12-7	Anthracene	2.20	UDQ	2.20	10.2	ug/L
86-74-8	Carbazole	2.30	UD	2.30	10.2	ug/L
84-74-2	Di-n-butylphthalate	3.00	UDQ	3.00	10.2	ug/L
206-44-0	Fluoranthene	2.60	UD	2.60	10.2	ug/L
129-00-0	Pyrene	2.20	UDQ	2.20	10.2	ug/L
85-68-7	Butylbenzylphthalate	4.30	UDQ	4.30	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	2.60	UD	2.60	20.4	ug/L
56-55-3	Benzo(a)anthracene	1.90	UDQ	1.90	10.2	ug/L
218-01-9	Chrysene	1.80	UD	1.80	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.90	UDQ	3.90	10.2	ug/L
117-84-0	Di-n-octyl phthalate	5.10	UD	5.10	20.4	ug/L
205-99-2	Benzo(b)fluoranthene	2.30	UD	2.30	10.2	ug/L

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207-08-9	Benzo(k)fluoranthene	2.40	UDQ	2.40	10.2	ug/L
50-32-8	Benzo(a)pyrene	3.40	UD	3.40	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.10	UDQ	2.10	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.30	UDQ	2.30	10.2	ug/L
191-24-2	Benzo(g,h,i)perylene	2.40	UD	2.40	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.20	UD	2.20	10.2	ug/L
123-91-1	1,4-Dioxane	2.60	UD	2.60	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.60	UD	1.60	10.2	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	65.0		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	38.5		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.6		49 - 133	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		52 - 132	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	107		48 - 125	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	58600	6.845			
1146-65-2	Naphthalene-d8	226000	8.128			
15067-26-2	Acenaphthene-d10	132000	9.881			
1517-22-2	Phenanthrene-d10	225000	11.375			
1719-03-5	Chrysene-d12	137000	14.051			
1520-96-3	Perylene-d12	130000	15.586			

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