

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/19/24
Project:	Con Ed Non-MGP - East River SI 453648	Date Received:	12/19/24
Client Sample ID:	WC-SOIL-20241219MSD	SDG No.:	P5362
Lab Sample ID:	P5362-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141003.D	1	12/23/24 09:35	12/27/24 18:13	PB165814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	480		200	360	ug/Kg
108-95-2	Phenol	1900		89.9	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		90.7	180	ug/Kg
95-57-8	2-Chlorophenol	1800		90.5	180	ug/Kg
95-48-7	2-Methylphenol	1800		87.4	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		98.5	180	ug/Kg
98-86-2	Acetophenone	1700		94.2	180	ug/Kg
65794-96-9	3+4-Methylphenols	1800		86.5	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		43.7	86.7	ug/Kg
67-72-1	Hexachloroethane	1700		90.0	180	ug/Kg
98-95-3	Nitrobenzene	1900		98.4	180	ug/Kg
78-59-1	Isophorone	1800		91.7	180	ug/Kg
88-75-5	2-Nitrophenol	2100		100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		100	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		93.0	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		81.8	180	ug/Kg
91-20-3	Naphthalene	1700		89.5	180	ug/Kg
106-47-8	4-Chloroaniline	410		89.5	180	ug/Kg
87-68-3	Hexachlorobutadiene	1700		90.3	180	ug/Kg
105-60-2	Caprolactam	1800		94.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		84.0	180	ug/Kg
91-57-6	2-Methylnaphthalene	1700		89.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	E	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		77.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		80.2	180	ug/Kg
92-52-4	1,1-Biphenyl	1700		94.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	1700		90.3	180	ug/Kg
88-74-4	2-Nitroaniline	2100		100	180	ug/Kg
131-11-3	Dimethylphthalate	1800		88.6	180	ug/Kg

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208-96-8	Acenaphthylene	1800		93.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		90.2	180	ug/Kg
99-09-2	3-Nitroaniline	1000		96.7	180	ug/Kg
83-32-9	Acenaphthene	1900		87.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	260	360	ug/Kg
100-02-7	4-Nitrophenol	3800	E	130	360	ug/Kg
132-64-9	Dibenzofuran	1800		91.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		93.4	180	ug/Kg
84-66-2	Diethylphthalate	1800		86.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		92.8	180	ug/Kg
86-73-7	Fluorene	1700		92.7	180	ug/Kg
100-01-6	4-Nitroaniline	1700		120	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		88.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		85.5	180	ug/Kg
118-74-1	Hexachlorobenzene	1900		92.1	180	ug/Kg
1912-24-9	Atrazine	2300		99.1	180	ug/Kg
87-86-5	Pentachlorophenol	3600	E	83.8	360	ug/Kg
85-01-8	Phenanthrene	1900		91.1	180	ug/Kg
120-12-7	Anthracene	1900		91.5	180	ug/Kg
86-74-8	Carbazole	1600		87.1	180	ug/Kg
84-74-2	Di-n-butylphthalate	1800		91.4	180	ug/Kg
206-44-0	Fluoranthene	1600		88.6	180	ug/Kg
129-00-0	Pyrene	1900		90.0	180	ug/Kg
85-68-7	Butylbenzylphthalate	1900		100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	360	ug/Kg
56-55-3	Benzo(a)anthracene	1800		87.5	180	ug/Kg
218-01-9	Chrysene	1800		86.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		98.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		87.9	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1800		89.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	2000		100	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		84.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		88.0	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		86.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		94.1	180	ug/Kg
123-91-1	1,4-Dioxane	1700		120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		81.0	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	105		18 - 112	70%	SPK: 150
13127-88-3	Phenol-d6	105		15 - 107	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.5		18 - 107	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.9		20 - 109	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	72.6		10 - 105	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	253000	6.822			
1146-65-2	Naphthalene-d8	1020000	8.104			
15067-26-2	Acenaphthene-d10	550000	9.857			
1517-22-2	Phenanthrene-d10	894000	11.345			
1719-03-5	Chrysene-d12	509000	13.98			
1520-96-3	Perylene-d12	561000	15.439			

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