

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	07/11/25
Project:	Con Edison - East River Site 2		Date Received:	07/11/25
Client Sample ID:	WC-SOIL-20250711		SDG No.:	Q2592
Lab Sample ID:	Q2592-01		Matrix:	SOIL
Analytical Method:	8270E		% Solid:	76.7
Sample Wt/Vol:	30.07	Units: g	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 :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025166.D	5	07/15/25 09:05	07/16/25 20:22	PB168854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2100	U	1000	2100	ug/Kg
108-95-2	Phenol	1100	U	140	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100	U	160	1100	ug/Kg
95-57-8	2-Chlorophenol	1100	U	160	1100	ug/Kg
95-48-7	2-Methylphenol	1100	U	190	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100	U	240	1100	ug/Kg
98-86-2	Acetophenone	1100	U	190	1100	ug/Kg
65794-96-9	3+4-Methylphenols	2100	U	270	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	520	U	310	520	ug/Kg
67-72-1	Hexachloroethane	1100	U	110	1100	ug/Kg
98-95-3	Nitrobenzene	1100	U	120	1100	ug/Kg
78-59-1	Isophorone	1100	U	210	1100	ug/Kg
88-75-5	2-Nitrophenol	1100	U	380	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	420	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100	U	200	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	1100	U	180	1100	ug/Kg
91-20-3	Naphthalene	1100	U	150	1100	ug/Kg
106-47-8	4-Chloroaniline	1100	U	230	1100	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	160	1100	ug/Kg
105-60-2	Caprolactam	2100	U	340	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	190	1100	ug/Kg
91-57-6	2-Methylnaphthalene	1100	U	170	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	U	750	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100	U	130	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	U	190	1100	ug/Kg
92-52-4	1,1-Biphenyl	1100	U	140	1100	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	150	1100	ug/Kg
88-74-4	2-Nitroaniline	1100	U	310	1100	ug/Kg
131-11-3	Dimethylphthalate	1100	U	180	1100	ug/Kg

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208-96-8	Acenaphthylene	1100	U	190	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100	U	220	1100	ug/Kg
99-09-2	3-Nitroaniline	1100	U	300	1100	ug/Kg
83-32-9	Acenaphthene	1100	U	140	1100	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	U	1500	2100	ug/Kg
100-02-7	4-Nitrophenol	2100	U	700	2100	ug/Kg
132-64-9	Dibenzofuran	1100	U	150	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	330	1100	ug/Kg
84-66-2	Diethylphthalate	1100	U	180	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	170	1100	ug/Kg
86-73-7	Fluorene	1100	U	160	1100	ug/Kg
100-01-6	4-Nitroaniline	1100	UQ	420	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	670	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100	U	210	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	180	1100	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	160	1100	ug/Kg
1912-24-9	Atrazine	1100	U	220	1100	ug/Kg
87-86-5	Pentachlorophenol	2100	U	330	2100	ug/Kg
85-01-8	Phenanthrene	1100	U	140	1100	ug/Kg
120-12-7	Anthracene	1100	U	220	1100	ug/Kg
86-74-8	Carbazole	1100	U	200	1100	ug/Kg
84-74-2	Di-n-butylphthalate	1100	U	310	1100	ug/Kg
206-44-0	Fluoranthene	760	J	200	1100	ug/Kg
129-00-0	Pyrene	690	J	230	1100	ug/Kg
85-68-7	Butylbenzylphthalate	860	J	460	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2100	U	240	2100	ug/Kg
56-55-3	Benzo(a)anthracene	490	J	150	1100	ug/Kg
218-01-9	Chrysene	570	J	130	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		390	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	2100	U	560	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	810	J	120	1100	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1100	U	150	1100	ug/Kg
50-32-8	Benzo(a)pyrene	620	J	190	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	J	190	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	U	180	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	640	J	170	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	170	1100	ug/Kg
123-91-1	1,4-Dioxane	1100	U	290	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	180	1100	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	70.8		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	71.5		15 - 107	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.2		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.4		20 - 109	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.1		10 - 116	65%	SPK: 150
1718-51-0	Terphenyl-d14	58.2		10 - 105	58%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	569000	7.443
1146-65-2	Naphthalene-d8	2220000	10.19
15067-26-2	Acenaphthene-d10	1400000	14.101
1517-22-2	Phenanthrene-d10	2850000	16.919
1719-03-5	Chrysene-d12	3030000	21.348
1520-96-3	Perylene-d12	3540000	24.495

TENTATIVE IDENTIFIED COMPOUNDS

65-85-0	Benzoic acid	1400	J	9.46	ug/Kg
000090-04-0	Benzenamine, 2-methoxy-	680	J	9.91	ug/Kg
000700-87-8	Benzene, 1-isocyanato-2-methoxy-	470	J	10.4	ug/Kg
000119-61-9	Benzophenone	510	J	15.5	ug/Kg
	unknown16.113	460	J	16.1	ug/Kg
000057-10-3	n-Hexadecanoic acid	980	J	17.9	ug/Kg
000057-11-4	Octadecanoic acid	770	J	19.3	ug/Kg

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000080-05-7	Phenol, 4,4-(1-methylethylidene)b	1500	J		19.5	ug/Kg

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