

Report of Analysis

Client:	AECOM		Date Collected:	08/19/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/19/25	
Client Sample ID:	MW-18A-081925		SDG No.:	Q2903	
Lab Sample ID:	Q2903-11		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	950	Units: mL	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 :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025549.D	2	08/21/25 08:50	08/22/25 14:54	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	21.1	U	8.20	21.1	ug/L
108-95-2	Phenol	6.90	J	1.90	10.5	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.5	U	1.70	10.5	ug/L
95-57-8	2-Chlorophenol	10.5	U	1.20	10.5	ug/L
95-48-7	2-Methylphenol	10.5	U	2.40	10.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.5	U	2.70	10.5	ug/L
98-86-2	Acetophenone	10.5	U	1.60	10.5	ug/L
65794-96-9	3+4-Methylphenols	21.1	U	2.30	21.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.30	U	3.00	5.30	ug/L
67-72-1	Hexachloroethane	10.5	U	1.40	10.5	ug/L
98-95-3	Nitrobenzene	10.5	U	1.60	10.5	ug/L
78-59-1	Isophorone	10.5	U	1.60	10.5	ug/L
88-75-5	2-Nitrophenol	10.5	U	3.70	10.5	ug/L
105-67-9	2,4-Dimethylphenol	10.5	U	3.90	10.5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.5	U	1.40	10.5	ug/L
120-83-2	2,4-Dichlorophenol	10.5	U	1.10	10.5	ug/L
91-20-3	Naphthalene	100		1.10	10.5	ug/L
106-47-8	4-Chloroaniline	10.5	U	1.80	10.5	ug/L
87-68-3	Hexachlorobutadiene	10.5	U	1.10	10.5	ug/L
105-60-2	Caprolactam	21.1	U	2.40	21.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.5	U	1.20	10.5	ug/L
91-57-6	2-Methylnaphthalene	11.2		1.20	10.5	ug/L
77-47-4	Hexachlorocyclopentadiene	21.1	U	7.60	21.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.5	U	1.10	10.5	ug/L
95-95-4	2,4,5-Trichlorophenol	10.5	U	1.30	10.5	ug/L
92-52-4	1,1-Biphenyl	10.5	U	1.10	10.5	ug/L
91-58-7	2-Chloronaphthalene	10.5	U	1.30	10.5	ug/L
88-74-4	2-Nitroaniline	10.5	U	2.70	10.5	ug/L
131-11-3	Dimethylphthalate	10.5	U	1.30	10.5	ug/L

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208-96-8	Acenaphthylene	10.5	U	1.60	10.5	ug/L
606-20-2	2,6-Dinitrotoluene	10.5	U	1.90	10.5	ug/L
99-09-2	3-Nitroaniline	10.5	U	2.20	10.5	ug/L
83-32-9	Acenaphthene	4.90	J	1.20	10.5	ug/L
51-28-5	2,4-Dinitrophenol	21.1	U	12.6	21.1	ug/L
100-02-7	4-Nitrophenol	21.1	U	5.00	21.1	ug/L
132-64-9	Dibenzofuran	10.5	U	1.30	10.5	ug/L
121-14-2	2,4-Dinitrotoluene	10.5	U	2.60	10.5	ug/L
84-66-2	Diethylphthalate	10.5	U	1.50	10.5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.5	U	1.40	10.5	ug/L
86-73-7	Fluorene	10.5	U	1.30	10.5	ug/L
100-01-6	4-Nitroaniline	10.5	U	3.20	10.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21.1	U	6.10	21.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.5	U	1.20	10.5	ug/L
101-55-3	4-Bromophenyl-phenylether	10.5	U	0.84	10.5	ug/L
118-74-1	Hexachlorobenzene	10.5	U	1.10	10.5	ug/L
1912-24-9	Atrazine	10.5	U	2.10	10.5	ug/L
87-86-5	Pentachlorophenol	21.1	U	3.30	21.1	ug/L
85-01-8	Phenanthrene	10.5	U	1.10	10.5	ug/L
120-12-7	Anthracene	10.5	U	1.30	10.5	ug/L
86-74-8	Carbazole	7.10	J	1.50	10.5	ug/L
84-74-2	Di-n-butylphthalate	10.5	UQ	2.60	10.5	ug/L
206-44-0	Fluoranthene	10.5	U	1.70	10.5	ug/L
129-00-0	Pyrene	10.5	U	1.10	10.5	ug/L
85-68-7	Butylbenzylphthalate	10.5	UQ	4.10	10.5	ug/L
91-94-1	3,3-Dichlorobenzidine	21.1	U	2.00	21.1	ug/L
56-55-3	Benzo(a)anthracene	10.5	U	0.95	10.5	ug/L
218-01-9	Chrysene	10.5	U	0.93	10.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.5	U	3.40	10.5	ug/L
117-84-0	Di-n-octyl phthalate	21.1	U	4.90	21.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.5	U	1.00	10.5	ug/L

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50-32-8	Benzo(a)pyrene	10.5	U	1.20	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.5	U	1.20	10.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.5	U	1.40	10.5	ug/L
191-24-2	Benzo(g,h,i)perylene	10.5	U	1.50	10.5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.5	U	1.10	10.5	ug/L
123-91-1	1,4-Dioxane	10.5	U	2.10	10.5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.5	U	1.50	10.5	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.4		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	43.1		10 - 134	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.9		67 - 132	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.5		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		44 - 137	94%	SPK: 150
1718-51-0	Terphenyl-d14	84.7		42 - 152	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	143000	7.778			
1146-65-2	Naphthalene-d8	579000	10.548			
15067-26-2	Acenaphthene-d10	367000	14.389			
1517-22-2	Phenanthrene-d10	749000	17.189			
1719-03-5	Chrysene-d12	830000	21.648			
1520-96-3	Perylene-d12	979000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		3.03	ug/L
000503-74-2	Butanoic acid, 3-methyl-	6.70	J		4.71	ug/L
1000374-31-3	.alpha.-Hydroxyisobutyric acid, ac	5.10	J		4.94	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	6.20	J		5.83	ug/L
000637-50-3	Benzene, 1-propenyl-	5.30	J		8.15	ug/L
000766-82-5	3-Methylphenylacetylene	5.90	J		8.31	ug/L
001195-79-5	Fenchone	4.80	J		9.01	ug/L

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000149-57-5	Hexanoic acid, 2-ethyl-	5.10	J		9.06	ug/L
000464-49-3	(+)-2-Bornanone	14.5	J		9.97	ug/L
90-12-0	1-Methylnaphthalene	11.8	J		12.4	ug/L
000057-10-3	n-Hexadecanoic acid	14.2	J		18.1	ug/L
002416-19-5	cis-7-Hexadecenoic acid	9.70	J		19.3	ug/L
000057-11-4	Octadecanoic acid	5.00	J		19.5	ug/L
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	16.5	J		19.7	ug/L
	unknown20.566	4.80	J		20.6	ug/L
	unknown21.071	12.9	J		21.1	ug/L
005835-26-7	Isopimaric acid	6.50	J		21.1	ug/L
001740-19-8	Dehydroabietic acid	74.7	J		21.3	ug/L
000092-26-2	3,6-Acridinediamine, 2,7-dimethyl-	8.20	J		21.7	ug/L

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