

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-12B-081925		SDG No.:	Q2903	
Lab Sample ID:	Q2903-07		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	920	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
BF143572.D	1	08/21/25 08:50	08/22/25 14:56	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.9	U	4.30	10.9	ug/L
108-95-2	Phenol	5.40	U	0.99	5.40	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.40	U	0.88	5.40	ug/L
95-57-8	2-Chlorophenol	5.40	U	0.63	5.40	ug/L
95-48-7	2-Methylphenol	5.40	U	1.20	5.40	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.40	U	1.40	5.40	ug/L
98-86-2	Acetophenone	5.40	U	0.80	5.40	ug/L
65794-96-9	3+4-Methylphenols	10.9	U	1.20	10.9	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.40	U	0.71	5.40	ug/L
98-95-3	Nitrobenzene	5.40	U	0.83	5.40	ug/L
78-59-1	Isophorone	5.40	U	0.82	5.40	ug/L
88-75-5	2-Nitrophenol	5.40	U	1.90	5.40	ug/L
105-67-9	2,4-Dimethylphenol	5.40	U	2.00	5.40	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.40	U	0.74	5.40	ug/L
120-83-2	2,4-Dichlorophenol	5.40	U	0.57	5.40	ug/L
91-20-3	Naphthalene	84.2		0.54	5.40	ug/L
106-47-8	4-Chloroaniline	5.40	U	0.91	5.40	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	0.59	5.40	ug/L
105-60-2	Caprolactam	10.9	U	1.20	10.9	ug/L
59-50-7	4-Chloro-3-methylphenol	5.40	U	0.64	5.40	ug/L
91-57-6	2-Methylnaphthalene	5.40	U	0.61	5.40	ug/L
77-47-4	Hexachlorocyclopentadiene	10.9	U	3.90	10.9	ug/L
88-06-2	2,4,6-Trichlorophenol	5.40	U	0.55	5.40	ug/L
95-95-4	2,4,5-Trichlorophenol	5.40	U	0.67	5.40	ug/L
92-52-4	1,1-Biphenyl	5.40	U	0.58	5.40	ug/L
91-58-7	2-Chloronaphthalene	5.40	U	0.66	5.40	ug/L
88-74-4	2-Nitroaniline	5.40	U	1.40	5.40	ug/L
131-11-3	Dimethylphthalate	5.40	U	0.66	5.40	ug/L

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208-96-8	Acenaphthylene	5.40	U	0.82	5.40	ug/L
606-20-2	2,6-Dinitrotoluene	5.40	U	1.00	5.40	ug/L
99-09-2	3-Nitroaniline	5.40	U	1.10	5.40	ug/L
83-32-9	Acenaphthene	5.40	U	0.60	5.40	ug/L
51-28-5	2,4-Dinitrophenol	10.9	U	6.50	10.9	ug/L
100-02-7	4-Nitrophenol	10.9	U	2.60	10.9	ug/L
132-64-9	Dibenzofuran	5.40	U	0.66	5.40	ug/L
121-14-2	2,4-Dinitrotoluene	5.40	U	1.30	5.40	ug/L
84-66-2	Diethylphthalate	5.40	U	0.75	5.40	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.40	U	0.74	5.40	ug/L
86-73-7	Fluorene	5.40	U	0.68	5.40	ug/L
100-01-6	4-Nitroaniline	5.40	U	1.60	5.40	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.9	U	3.10	10.9	ug/L
86-30-6	n-Nitrosodiphenylamine	5.40	U	0.63	5.40	ug/L
101-55-3	4-Bromophenyl-phenylether	5.40	U	0.43	5.40	ug/L
118-74-1	Hexachlorobenzene	5.40	U	0.57	5.40	ug/L
1912-24-9	Atrazine	5.40	U	1.10	5.40	ug/L
87-86-5	Pentachlorophenol	10.9	U	1.70	10.9	ug/L
85-01-8	Phenanthrene	5.40	U	0.54	5.40	ug/L
120-12-7	Anthracene	5.40	U	0.66	5.40	ug/L
86-74-8	Carbazole	5.40	U	0.78	5.40	ug/L
84-74-2	Di-n-butylphthalate	5.40	UQ	1.30	5.40	ug/L
206-44-0	Fluoranthene	5.40	U	0.89	5.40	ug/L
129-00-0	Pyrene	5.40	U	0.54	5.40	ug/L
85-68-7	Butylbenzylphthalate	5.40	UQ	2.10	5.40	ug/L
91-94-1	3,3-Dichlorobenzidine	10.9	U	1.00	10.9	ug/L
56-55-3	Benzo(a)anthracene	5.40	U	0.49	5.40	ug/L
218-01-9	Chrysene	5.40	U	0.48	5.40	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.50	J	1.70	5.40	ug/L
117-84-0	Di-n-octyl phthalate	10.9	U	2.50	10.9	ug/L
205-99-2	Benzo(b)fluoranthene	5.40	U	0.53	5.40	ug/L

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207-08-9	Benzo(k)fluoranthene	5.40	U	0.52	5.40	ug/L
50-32-8	Benzo(a)pyrene	5.40	U	0.60	5.40	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.40	U	0.64	5.40	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.40	U	0.73	5.40	ug/L
191-24-2	Benzo(g,h,i)perylene	5.40	U	0.75	5.40	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.40	U	0.57	5.40	ug/L
123-91-1	1,4-Dioxane	5.40	U	1.10	5.40	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.40	U	0.78	5.40	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.5		23 - 138	48%	SPK: 150
13127-88-3	Phenol-d6	49.7		10 - 134	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.2		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	92.6		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	105000	6.922			
1146-65-2	Naphthalene-d8	412000	8.204			
15067-26-2	Acenaphthene-d10	254000	9.963			
1517-22-2	Phenanthrene-d10	439000	11.451			
1719-03-5	Chrysene-d12	251000	14.092			
1520-96-3	Perylene-d12	225000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J		2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.20	AB		5.16	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	8.40	J		6.61	ug/L
	unknown6.981	5.60	J		6.98	ug/L
000300-57-2	Benzene, 2-propenyl-	260	J		7.12	ug/L
90-12-0	1-Methylnaphthalene	9.10	J		9.02	ug/L
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	2.90	J		9.09	ug/L

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028556-81-2	2,6-Dimethylphenyl isocyanate	4.70	J		10.2	ug/L
017228-38-5	N-Methyl-1H-benzimidazol-2-amine	4.60	J		10.4	ug/L
000119-61-9	Benzophenone	3.90	J		10.7	ug/L
000057-10-3	n-Hexadecanoic acid	6.00	J		12.0	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	3.30	J		12.9	ug/L
1000406-04-8	Pentadecafluorooctanoic acid, octa	3.30	J		13.3	ug/L
006222-03-3	Trifluoroacetoxy hexadecane	4.30	J		13.9	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