

Report of Analysis

Client:	AECOM		Date Collected:	08/21/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/21/25	
Client Sample ID:	MW-19B-082125		SDG No.:	Q2936	
Lab Sample ID:	Q2936-02		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	900	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
BP025591.D	1	08/22/25 10:34	08/26/25 18:41	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.1	U	4.30	11.1	ug/L
108-95-2	Phenol	19.2		1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.60	U	0.90	5.60	ug/L
95-57-8	2-Chlorophenol	5.60	U	0.64	5.60	ug/L
95-48-7	2-Methylphenol	5.60	U	1.20	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.60	U	1.40	5.60	ug/L
98-86-2	Acetophenone	5.60	U	0.82	5.60	ug/L
65794-96-9	3+4-Methylphenols	5.00	J	1.20	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.80	U	1.60	2.80	ug/L
67-72-1	Hexachloroethane	5.60	U	0.72	5.60	ug/L
98-95-3	Nitrobenzene	5.60	U	0.84	5.60	ug/L
78-59-1	Isophorone	5.60	U	0.83	5.60	ug/L
88-75-5	2-Nitrophenol	5.60	U	2.00	5.60	ug/L
105-67-9	2,4-Dimethylphenol	67.5		2.10	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.60	U	0.76	5.60	ug/L
120-83-2	2,4-Dichlorophenol	5.60	U	0.58	5.60	ug/L
91-20-3	Naphthalene	1300	E	0.56	5.60	ug/L
106-47-8	4-Chloroaniline	5.60	U	0.93	5.60	ug/L
87-68-3	Hexachlorobutadiene	5.60	U	0.60	5.60	ug/L
105-60-2	Caprolactam	11.1	U	1.30	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.60	U	0.66	5.60	ug/L
91-57-6	2-Methylnaphthalene	190	E	0.62	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	11.1	U	4.00	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.60	U	0.57	5.60	ug/L
95-95-4	2,4,5-Trichlorophenol	5.60	U	0.69	5.60	ug/L
92-52-4	1,1-Biphenyl	21.0		0.59	5.60	ug/L
91-58-7	2-Chloronaphthalene	5.60	U	0.68	5.60	ug/L
88-74-4	2-Nitroaniline	5.60	U	1.40	5.60	ug/L
131-11-3	Dimethylphthalate	5.60	U	0.68	5.60	ug/L

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208-96-8	Acenaphthylene	5.60	U	0.83	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	5.60	U	1.00	5.60	ug/L
99-09-2	3-Nitroaniline	5.60	U	1.20	5.60	ug/L
83-32-9	Acenaphthene	130	E	0.61	5.60	ug/L
51-28-5	2,4-Dinitrophenol	11.1	U	6.60	11.1	ug/L
100-02-7	4-Nitrophenol	11.1	U	2.60	11.1	ug/L
132-64-9	Dibenzofuran	31.8		0.68	5.60	ug/L
121-14-2	2,4-Dinitrotoluene	5.60	U	1.40	5.60	ug/L
84-66-2	Diethylphthalate	5.60	U	0.77	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.60	U	0.76	5.60	ug/L
86-73-7	Fluorene	40.1		0.70	5.60	ug/L
100-01-6	4-Nitroaniline	5.60	U	1.70	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.1	U	3.20	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.60	U	0.64	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	5.60	U	0.44	5.60	ug/L
118-74-1	Hexachlorobenzene	5.60	U	0.58	5.60	ug/L
1912-24-9	Atrazine	5.60	U	1.10	5.60	ug/L
87-86-5	Pentachlorophenol	11.1	U	1.80	11.1	ug/L
85-01-8	Phenanthrene	23.8		0.56	5.60	ug/L
120-12-7	Anthracene	5.60	U	0.68	5.60	ug/L
86-74-8	Carbazole	23.0		0.80	5.60	ug/L
84-74-2	Di-n-butylphthalate	5.60	U	1.40	5.60	ug/L
206-44-0	Fluoranthene	5.60	U	0.91	5.60	ug/L
129-00-0	Pyrene	5.60	U	0.56	5.60	ug/L
85-68-7	Butylbenzylphthalate	5.60	U	2.10	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	11.1	U	1.00	11.1	ug/L
56-55-3	Benzo(a)anthracene	5.60	U	0.50	5.60	ug/L
218-01-9	Chrysene	5.60	U	0.49	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.60	U	1.80	5.60	ug/L
117-84-0	Di-n-octyl phthalate	11.1	U	2.60	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.60	U	0.54	5.60	ug/L

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50-32-8	Benzo(a)pyrene	5.60	U	0.61	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.60	U	0.66	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.60	U	0.74	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	5.60	U	0.77	5.60	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	U	0.58	5.60	ug/L
123-91-1	1,4-Dioxane	5.60	U	1.10	5.60	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.60	U	0.80	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.7		23 - 138	46%	SPK: 150
13127-88-3	Phenol-d6	44.5		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.1		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.0		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		44 - 137	89%	SPK: 150
1718-51-0	Terphenyl-d14	76.1		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	193000	7.778			
1146-65-2	Naphthalene-d8	712000	10.566			
15067-26-2	Acenaphthene-d10	505000	14.395			
1517-22-2	Phenanthrene-d10	979000	17.201			
1719-03-5	Chrysene-d12	1050000	21.642			
1520-96-3	Perylene-d12	1240000	25.024			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	18.2	J		3.03	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	190	J		5.34	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.8	J		7.18	ug/L
000496-11-7	Indane	330	J		8.18	ug/L
000275-51-4	Azulene	22.2	J		10.7	ug/L
90-12-0	1-Methylnaphthalene	290	J		12.4	ug/L
000581-42-0	Naphthalene, 2,6-dimethyl-	21.6	J		13.6	ug/L

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000575-41-7	Naphthalene, 1,3-dimethyl-	23.3	J		13.7	ug/L
000090-15-3	1-Naphthalenol	34.6	J		14.6	ug/L
065898-38-6	Indane-5-carboxylic acid	100	J		15.0	ug/L
004184-79-6	5,6-Dimethyl-1H-benzotriazole	18.1	J		15.3	ug/L
007469-77-4	1-Naphthalenol, 2-methyl-	15.3	J		15.6	ug/L
000119-61-9	Benzophenone	15.3	J		15.8	ug/L
000086-55-5	1-Naphthalenecarboxylic acid	25.6	J		16.2	ug/L
000491-30-5	1(2H)-Isoquinolinone	35.2	J		16.5	ug/L
002721-59-7	2(1H)-Quinolinone, 3-methyl-	13.7	J		16.8	ug/L
000828-51-3	Adamantane-1-carboxylic acid	60.5	J		17.1	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