

Report of Analysis

Client:	AECOM		Date Collected:	08/18/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/18/25	
Client Sample ID:	MW-17C-081825		SDG No.:	Q2900	
Lab Sample ID:	Q2900-06		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	910	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
BF143494.D	1	08/19/25 09:29	08/20/25 19:39	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.0	U	4.30	11.0	ug/L
108-95-2	Phenol	5.50	U	1.00	5.50	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.50	U	0.89	5.50	ug/L
95-57-8	2-Chlorophenol	5.50	U	0.64	5.50	ug/L
95-48-7	2-Methylphenol	5.50	U	1.20	5.50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.50	U	1.40	5.50	ug/L
98-86-2	Acetophenone	5.50	U	0.81	5.50	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	1.20	11.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.50	U	0.71	5.50	ug/L
98-95-3	Nitrobenzene	5.50	U	0.84	5.50	ug/L
78-59-1	Isophorone	5.50	U	0.82	5.50	ug/L
88-75-5	2-Nitrophenol	5.50	U	1.90	5.50	ug/L
105-67-9	2,4-Dimethylphenol	5.50	U	2.00	5.50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.50	U	0.75	5.50	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	0.57	5.50	ug/L
91-20-3	Naphthalene	5.50	U	0.55	5.50	ug/L
106-47-8	4-Chloroaniline	5.50	U	0.92	5.50	ug/L
87-68-3	Hexachlorobutadiene	5.50	U	0.59	5.50	ug/L
105-60-2	Caprolactam	11.0	U	1.20	11.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.50	U	0.65	5.50	ug/L
91-57-6	2-Methylnaphthalene	5.50	U	0.62	5.50	ug/L
77-47-4	Hexachlorocyclopentadiene	11.0	U	4.00	11.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.50	U	0.56	5.50	ug/L
95-95-4	2,4,5-Trichlorophenol	5.50	U	0.68	5.50	ug/L
92-52-4	1,1-Biphenyl	5.50	U	0.58	5.50	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	0.67	5.50	ug/L
88-74-4	2-Nitroaniline	5.50	U	1.40	5.50	ug/L
131-11-3	Dimethylphthalate	5.50	U	0.67	5.50	ug/L

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208-96-8	Acenaphthylene	5.50	U	0.82	5.50	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	U	1.00	5.50	ug/L
99-09-2	3-Nitroaniline	5.50	U	1.20	5.50	ug/L
83-32-9	Acenaphthene	5.50	U	0.60	5.50	ug/L
51-28-5	2,4-Dinitrophenol	11.0	U	6.60	11.0	ug/L
100-02-7	4-Nitrophenol	11.0	U	2.60	11.0	ug/L
132-64-9	Dibenzofuran	5.50	U	0.67	5.50	ug/L
121-14-2	2,4-Dinitrotoluene	5.50	U	1.30	5.50	ug/L
84-66-2	Diethylphthalate	5.50	U	0.76	5.50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	0.75	5.50	ug/L
86-73-7	Fluorene	5.50	U	0.69	5.50	ug/L
100-01-6	4-Nitroaniline	5.50	U	1.60	5.50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.0	U	3.20	11.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.50	U	0.64	5.50	ug/L
101-55-3	4-Bromophenyl-phenylether	5.50	U	0.44	5.50	ug/L
118-74-1	Hexachlorobenzene	5.50	U	0.57	5.50	ug/L
1912-24-9	Atrazine	5.50	U	1.10	5.50	ug/L
87-86-5	Pentachlorophenol	11.0	U	1.70	11.0	ug/L
85-01-8	Phenanthrene	5.50	U	0.55	5.50	ug/L
120-12-7	Anthracene	5.50	U	0.67	5.50	ug/L
86-74-8	Carbazole	5.50	U	0.79	5.50	ug/L
84-74-2	Di-n-butylphthalate	5.50	U	1.30	5.50	ug/L
206-44-0	Fluoranthene	5.50	U	0.90	5.50	ug/L
129-00-0	Pyrene	5.50	U	0.55	5.50	ug/L
85-68-7	Butylbenzylphthalate	5.50	UQ	2.10	5.50	ug/L
91-94-1	3,3-Dichlorobenzidine	11.0	UQ	1.00	11.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	0.49	5.50	ug/L
218-01-9	Chrysene	5.50	U	0.48	5.50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.50	U	1.80	5.50	ug/L
117-84-0	Di-n-octyl phthalate	11.0	U	2.60	11.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.50	U	0.54	5.50	ug/L

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50-32-8	Benzo(a)pyrene	5.50	U	0.60	5.50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.50	U	0.65	5.50	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.50	U	0.74	5.50	ug/L
191-24-2	Benzo(g,h,i)perylene	5.50	U	0.76	5.50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	U	0.57	5.50	ug/L
123-91-1	1,4-Dioxane	5.50	U	1.10	5.50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.50	U	0.79	5.50	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	69.8		23 - 138	47%	SPK: 150
13127-88-3	Phenol-d6	51.4		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.1		67 - 132	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	137		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.928			
1146-65-2	Naphthalene-d8	522000	8.204			
15067-26-2	Acenaphthene-d10	285000	9.963			
1517-22-2	Phenanthrene-d10	459000	11.451			
1719-03-5	Chrysene-d12	263000	14.098			
1520-96-3	Perylene-d12	271000	15.592			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J		2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.90	AB		5.16	ug/L

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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