

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-6B-081925MS		SDG No.:	Q2903	
Lab Sample ID:	Q2903-05MS		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	940	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
BF143570.D	1	08/21/25 08:50	08/22/25 13:58	PB169330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	24.8		4.20	10.6	ug/L
108-95-2	Phenol	17.8		0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.5		0.86	5.30	ug/L
95-57-8	2-Chlorophenol	37.2		0.62	5.30	ug/L
95-48-7	2-Methylphenol	35.3		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.4		1.40	5.30	ug/L
98-86-2	Acetophenone	47.9		0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	33.1		1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.0		1.50	2.70	ug/L
67-72-1	Hexachloroethane	20.0		0.69	5.30	ug/L
98-95-3	Nitrobenzene	44.2		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
88-75-5	2-Nitrophenol	46.3		1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	43.5		2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.1		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	45.1		0.55	5.30	ug/L
91-20-3	Naphthalene	35.4		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	25.2		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	26.7		0.57	5.30	ug/L
105-60-2	Caprolactam	13.3		1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	49.0		0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	38.8		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	81.1		3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	49.8		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	48.9		0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	45.4		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	43.8		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	54.6		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	56.2		0.65	5.30	ug/L

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208-96-8	Acenaphthylene	52.3		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	57.7		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	31.6		1.10	5.30	ug/L
83-32-9	Acenaphthene	52.3		0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	98.1	E	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	43.9		2.50	10.6	ug/L
132-64-9	Dibenzofuran	48.9		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	58.9		1.30	5.30	ug/L
84-66-2	Diethylphthalate	60.5		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.1		0.72	5.30	ug/L
86-73-7	Fluorene	50.9		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	55.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.9		3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	49.4		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	50.2		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	49.8		0.55	5.30	ug/L
1912-24-9	Atrazine	63.3		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.6	ug/L
85-01-8	Phenanthrene	48.6		0.53	5.30	ug/L
120-12-7	Anthracene	49.0		0.65	5.30	ug/L
86-74-8	Carbazole	49.9		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	71.5		1.30	5.30	ug/L
206-44-0	Fluoranthene	50.5		0.87	5.30	ug/L
129-00-0	Pyrene	49.0		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	74.7		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	30.0		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	51.1		0.48	5.30	ug/L
218-01-9	Chrysene	49.8		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	69.0		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	54.2		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	58.2		0.52	5.30	ug/L

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207-08-9	Benzo(k)fluoranthene	48.0		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	53.6		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.5		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	20.0		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.9		0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.0		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	44.9		10 - 134	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.2		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.1		52 - 132	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		44 - 137	99%	SPK: 150
1718-51-0	Terphenyl-d14	97.5		42 - 152	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	6.922			
1146-65-2	Naphthalene-d8	425000	8.21			
15067-26-2	Acenaphthene-d10	250000	9.969			
1517-22-2	Phenanthrene-d10	414000	11.457			
1719-03-5	Chrysene-d12	243000	14.098			
1520-96-3	Perylene-d12	233000	15.598			

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