

Report of Analysis

Client:	AECOM		Date Collected:	08/20/25	
Project:	National Grid Equity - Brooklyn NY		Date Received:	08/20/25	
Client Sample ID:	MW-201-082025DL2		SDG No.:	Q2924	
Lab Sample ID:	Q2924-02DL2		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
BP025608.D	200	08/22/25 10:34	08/27/25 18:26	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	2100	UD	820	2100	ug/L
108-95-2	Phenol	1100	UD	190	1100	ug/L
111-44-4	bis(2-Chloroethyl)ether	1100	UD	170	1100	ug/L
95-57-8	2-Chlorophenol	1100	UD	120	1100	ug/L
95-48-7	2-Methylphenol	1100	UD	240	1100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1100	UD	270	1100	ug/L
98-86-2	Acetophenone	1100	UD	160	1100	ug/L
65794-96-9	3+4-Methylphenols	2100	UD	230	2100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	530	UD	300	530	ug/L
67-72-1	Hexachloroethane	1100	UD	140	1100	ug/L
98-95-3	Nitrobenzene	1100	UD	160	1100	ug/L
78-59-1	Isophorone	1100	UD	160	1100	ug/L
88-75-5	2-Nitrophenol	1100	UD	370	1100	ug/L
105-67-9	2,4-Dimethylphenol	1100	UD	390	1100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1100	UD	140	1100	ug/L
120-83-2	2,4-Dichlorophenol	1100	UD	110	1100	ug/L
91-20-3	Naphthalene	6800	D	110	1100	ug/L
106-47-8	4-Chloroaniline	1100	UD	180	1100	ug/L
87-68-3	Hexachlorobutadiene	1100	UD	110	1100	ug/L
105-60-2	Caprolactam	2100	UD	240	2100	ug/L
59-50-7	4-Chloro-3-methylphenol	1100	UD	120	1100	ug/L
91-57-6	2-Methylnaphthalene	570	JD	120	1100	ug/L
77-47-4	Hexachlorocyclopentadiene	2100	UD	760	2100	ug/L
88-06-2	2,4,6-Trichlorophenol	1100	UD	110	1100	ug/L
95-95-4	2,4,5-Trichlorophenol	1100	UD	130	1100	ug/L
92-52-4	1,1-Biphenyl	1100	UD	110	1100	ug/L
91-58-7	2-Chloronaphthalene	1100	UD	130	1100	ug/L
88-74-4	2-Nitroaniline	1100	UD	270	1100	ug/L
131-11-3	Dimethylphthalate	1100	UD	130	1100	ug/L

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208-96-8	Acenaphthylene	1100	UD	160	1100	ug/L
606-20-2	2,6-Dinitrotoluene	1100	UD	190	1100	ug/L
99-09-2	3-Nitroaniline	1100	UD	220	1100	ug/L
83-32-9	Acenaphthene	1100	UD	120	1100	ug/L
51-28-5	2,4-Dinitrophenol	2100	UD	1300	2100	ug/L
100-02-7	4-Nitrophenol	2100	UD	500	2100	ug/L
132-64-9	Dibenzofuran	1100	UD	130	1100	ug/L
121-14-2	2,4-Dinitrotoluene	1100	UD	260	1100	ug/L
84-66-2	Diethylphthalate	1100	UD	150	1100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	UD	140	1100	ug/L
86-73-7	Fluorene	1100	UD	130	1100	ug/L
100-01-6	4-Nitroaniline	1100	UD	320	1100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2100	UD	610	2100	ug/L
86-30-6	n-Nitrosodiphenylamine	1100	UD	120	1100	ug/L
101-55-3	4-Bromophenyl-phenylether	1100	UD	84.2	1100	ug/L
118-74-1	Hexachlorobenzene	1100	UD	110	1100	ug/L
1912-24-9	Atrazine	1100	UD	210	1100	ug/L
87-86-5	Pentachlorophenol	2100	UD	330	2100	ug/L
85-01-8	Phenanthrene	1100	UD	110	1100	ug/L
120-12-7	Anthracene	1100	UD	130	1100	ug/L
86-74-8	Carbazole	1100	UD	150	1100	ug/L
84-74-2	Di-n-butylphthalate	1100	UD	260	1100	ug/L
206-44-0	Fluoranthene	1100	UD	170	1100	ug/L
129-00-0	Pyrene	1100	UD	110	1100	ug/L
85-68-7	Butylbenzylphthalate	1100	UD	410	1100	ug/L
91-94-1	3,3-Dichlorobenzidine	2100	UD	200	2100	ug/L
56-55-3	Benzo(a)anthracene	1100	UD	94.7	1100	ug/L
218-01-9	Chrysene	1100	UD	92.6	1100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1100	UD	340	1100	ug/L
117-84-0	Di-n-octyl phthalate	2100	UD	490	2100	ug/L
205-99-2	Benzo(b)fluoranthene	1100	UD	100	1100	ug/L

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207-08-9	Benzo(k)fluoranthene	1100	UD	100	1100	ug/L
50-32-8	Benzo(a)pyrene	1100	UD	120	1100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1100	UD	120	1100	ug/L
53-70-3	Dibenzo(a,h)anthracene	1100	UD	140	1100	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	UD	150	1100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	UD	110	1100	ug/L
123-91-1	1,4-Dioxane	1100	UD	210	1100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100	UD	150	1100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.8		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	14.0	*	10 - 134	9%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.0		67 - 132	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.2		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.2		44 - 137	61%	SPK: 150
1718-51-0	Terphenyl-d14	73.4		42 - 152	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.772			
1146-65-2	Naphthalene-d8	582000	10.542			
15067-26-2	Acenaphthene-d10	354000	14.389			
1517-22-2	Phenanthrene-d10	660000	17.183			
1719-03-5	Chrysene-d12	857000	21.636			
1520-96-3	Perylene-d12	1040000	25.006			

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