

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-2B-082025DL2	SDG No.:	Q2924
Lab Sample ID:	Q2924-05DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :		Level :	LOW
		Final Vol:	1000
		Test:	SVOC-TCL BNA -20
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025586.D	40	08/22/25 10:34	08/26/25 15:14	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	420	UD	160	420	ug/L
108-95-2	Phenol	210	UD	37.9	210	ug/L
111-44-4	bis(2-Chloroethyl)ether	210	UD	33.8	210	ug/L
95-57-8	2-Chlorophenol	210	UD	24.2	210	ug/L
95-48-7	2-Methylphenol	210	UD	46.7	210	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	210	UD	53.3	210	ug/L
98-86-2	Acetophenone	210	UD	30.8	210	ug/L
65794-96-9	3+4-Methylphenols	420	UD	45.8	420	ug/L
621-64-7	n-Nitroso-di-n-propylamine	100	UD	58.8	100	ug/L
67-72-1	Hexachloroethane	210	UD	27.1	210	ug/L
98-95-3	Nitrobenzene	210	UD	31.7	210	ug/L
78-59-1	Isophorone	210	UD	31.3	210	ug/L
88-75-5	2-Nitrophenol	210	UD	73.3	210	ug/L
105-67-9	2,4-Dimethylphenol	210	UD	77.1	210	ug/L
111-91-1	bis(2-Chloroethoxy)methane	210	UD	28.3	210	ug/L
120-83-2	2,4-Dichlorophenol	210	UD	21.7	210	ug/L
91-20-3	Naphthalene	1800	D	20.8	210	ug/L
106-47-8	4-Chloroaniline	210	UD	35.0	210	ug/L
87-68-3	Hexachlorobutadiene	210	UD	22.5	210	ug/L
105-60-2	Caprolactam	420	UD	47.1	420	ug/L
59-50-7	4-Chloro-3-methylphenol	210	UD	24.6	210	ug/L
91-57-6	2-Methylnaphthalene	180	JD	23.3	210	ug/L
77-47-4	Hexachlorocyclopentadiene	420	UD	150	420	ug/L
88-06-2	2,4,6-Trichlorophenol	210	UD	21.3	210	ug/L
95-95-4	2,4,5-Trichlorophenol	210	UD	25.8	210	ug/L
92-52-4	1,1-Biphenyl	210	UD	22.1	210	ug/L
91-58-7	2-Chloronaphthalene	210	UD	25.4	210	ug/L
88-74-4	2-Nitroaniline	210	UD	52.5	210	ug/L
131-11-3	Dimethylphthalate	210	UD	25.4	210	ug/L

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208-96-8	Acenaphthylene	210	UD	31.3	210	ug/L
606-20-2	2,6-Dinitrotoluene	210	UD	38.3	210	ug/L
99-09-2	3-Nitroaniline	210	UD	43.8	210	ug/L
83-32-9	Acenaphthene	210	UD	22.9	210	ug/L
51-28-5	2,4-Dinitrophenol	420	UD	250	420	ug/L
100-02-7	4-Nitrophenol	420	UD	99.2	420	ug/L
132-64-9	Dibenzofuran	210	UD	25.4	210	ug/L
121-14-2	2,4-Dinitrotoluene	210	UD	50.8	210	ug/L
84-66-2	Diethylphthalate	210	UD	28.8	210	ug/L
7005-72-3	4-Chlorophenyl-phenylether	210	UD	28.3	210	ug/L
86-73-7	Fluorene	210	UD	26.3	210	ug/L
100-01-6	4-Nitroaniline	210	UD	62.5	210	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	420	UD	120	420	ug/L
86-30-6	n-Nitrosodiphenylamine	210	UD	24.2	210	ug/L
101-55-3	4-Bromophenyl-phenylether	210	UD	16.7	210	ug/L
118-74-1	Hexachlorobenzene	210	UD	21.7	210	ug/L
1912-24-9	Atrazine	210	UD	42.1	210	ug/L
87-86-5	Pentachlorophenol	420	UD	65.8	420	ug/L
85-01-8	Phenanthrene	210	UD	20.8	210	ug/L
120-12-7	Anthracene	210	UD	25.4	210	ug/L
86-74-8	Carbazole	210	UD	30.0	210	ug/L
84-74-2	Di-n-butylphthalate	210	UD	50.8	210	ug/L
206-44-0	Fluoranthene	210	UD	34.2	210	ug/L
129-00-0	Pyrene	210	UD	20.8	210	ug/L
85-68-7	Butylbenzylphthalate	210	UD	80.4	210	ug/L
91-94-1	3,3-Dichlorobenzidine	420	UD	38.8	420	ug/L
56-55-3	Benzo(a)anthracene	210	UD	18.8	210	ug/L
218-01-9	Chrysene	210	UD	18.3	210	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	210	UD	66.7	210	ug/L
117-84-0	Di-n-octyl phthalate	420	UD	97.5	420	ug/L
205-99-2	Benzo(b)fluoranthene	210	UD	20.4	210	ug/L

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207-08-9	Benzo(k)fluoranthene	210	UD	20.0	210	ug/L
50-32-8	Benzo(a)pyrene	210	UD	22.9	210	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	210	UD	24.6	210	ug/L
53-70-3	Dibenzo(a,h)anthracene	210	UD	27.9	210	ug/L
191-24-2	Benzo(g,h,i)perylene	210	UD	28.8	210	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	210	UD	21.7	210	ug/L
123-91-1	1,4-Dioxane	210	UD	41.7	210	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	210	UD	30.0	210	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	79.8		23 - 138	53%	SPK: 150
13127-88-3	Phenol-d6	48.0		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.4		67 - 132	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.2		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	101		42 - 152	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	701000	10.543			
15067-26-2	Acenaphthene-d10	444000	14.389			
1517-22-2	Phenanthrene-d10	857000	17.189			
1719-03-5	Chrysene-d12	880000	21.63			
1520-96-3	Perylene-d12	1060000	24.989			

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