

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-082025DL		SDG No.:	Q2924	
Lab Sample ID:	Q2924-05DL		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	960	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
BP025583.D	20	08/22/25 10:34	08/26/25 13:10	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	81.5	210	ug/L
108-95-2	Phenol	100	UD	19.0	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	100	UD	16.9	100	ug/L
95-57-8	2-Chlorophenol	100	UD	12.1	100	ug/L
95-48-7	2-Methylphenol	100	UD	23.3	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	100	UD	26.7	100	ug/L
98-86-2	Acetophenone	100	UD	15.4	100	ug/L
65794-96-9	3+4-Methylphenols	210	UD	22.9	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.1	UD	29.4	52.1	ug/L
67-72-1	Hexachloroethane	100	UD	13.5	100	ug/L
98-95-3	Nitrobenzene	100	UD	15.8	100	ug/L
78-59-1	Isophorone	100	UD	15.6	100	ug/L
88-75-5	2-Nitrophenol	100	UD	36.7	100	ug/L
105-67-9	2,4-Dimethylphenol	100	UD	38.5	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	100	UD	14.2	100	ug/L
120-83-2	2,4-Dichlorophenol	100	UD	10.8	100	ug/L
91-20-3	Naphthalene	1800	ED	10.4	100	ug/L
106-47-8	4-Chloroaniline	100	UD	17.5	100	ug/L
87-68-3	Hexachlorobutadiene	100	UD	11.3	100	ug/L
105-60-2	Caprolactam	210	UD	23.5	210	ug/L
59-50-7	4-Chloro-3-methylphenol	100	UD	12.3	100	ug/L
91-57-6	2-Methylnaphthalene	180	D	11.7	100	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	75.6	210	ug/L
88-06-2	2,4,6-Trichlorophenol	100	UD	10.6	100	ug/L
95-95-4	2,4,5-Trichlorophenol	100	UD	12.9	100	ug/L
92-52-4	1,1-Biphenyl	100	UD	11.0	100	ug/L
91-58-7	2-Chloronaphthalene	100	UD	12.7	100	ug/L
88-74-4	2-Nitroaniline	100	UD	26.3	100	ug/L
131-11-3	Dimethylphthalate	100	UD	12.7	100	ug/L

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208-96-8	Acenaphthylene	100	UD	15.6	100	ug/L
606-20-2	2,6-Dinitrotoluene	100	UD	19.2	100	ug/L
99-09-2	3-Nitroaniline	100	UD	21.9	100	ug/L
83-32-9	Acenaphthene	72.5	JD	11.5	100	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	120	210	ug/L
100-02-7	4-Nitrophenol	210	UD	49.6	210	ug/L
132-64-9	Dibenzofuran	100	UD	12.7	100	ug/L
121-14-2	2,4-Dinitrotoluene	100	UD	25.4	100	ug/L
84-66-2	Diethylphthalate	100	UD	14.4	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	100	UD	14.2	100	ug/L
86-73-7	Fluorene	100	UD	13.1	100	ug/L
100-01-6	4-Nitroaniline	100	UD	31.3	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.0	210	ug/L
86-30-6	n-Nitrosodiphenylamine	100	UD	12.1	100	ug/L
101-55-3	4-Bromophenyl-phenylether	100	UD	8.30	100	ug/L
118-74-1	Hexachlorobenzene	100	UD	10.8	100	ug/L
1912-24-9	Atrazine	100	UD	21.0	100	ug/L
87-86-5	Pentachlorophenol	210	UD	32.9	210	ug/L
85-01-8	Phenanthrene	100	UD	10.4	100	ug/L
120-12-7	Anthracene	100	UD	12.7	100	ug/L
86-74-8	Carbazole	100	UD	15.0	100	ug/L
84-74-2	Di-n-butylphthalate	100	UD	25.4	100	ug/L
206-44-0	Fluoranthene	100	UD	17.1	100	ug/L
129-00-0	Pyrene	100	UD	10.4	100	ug/L
85-68-7	Butylbenzylphthalate	100	UD	40.2	100	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UD	19.4	210	ug/L
56-55-3	Benzo(a)anthracene	100	UD	9.40	100	ug/L
218-01-9	Chrysene	100	UD	9.20	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	100	UD	33.3	100	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	48.8	210	ug/L
205-99-2	Benzo(b)fluoranthene	100	UD	10.2	100	ug/L

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50-32-8	Benzo(a)pyrene	100	UD	11.5	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	100	UD	12.3	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	100	UD	14.0	100	ug/L
191-24-2	Benzo(g,h,i)perylene	100	UD	14.4	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	100	UD	10.8	100	ug/L
123-91-1	1,4-Dioxane	100	UD	20.8	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	100	UD	15.0	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.0		23 - 138	53%	SPK: 150
13127-88-3	Phenol-d6	51.4		10 - 134	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.6		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.6		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		44 - 137	100%	SPK: 150
1718-51-0	Terphenyl-d14	93.2		42 - 152	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167000	7.772			
1146-65-2	Naphthalene-d8	645000	10.549			
15067-26-2	Acenaphthene-d10	404000	14.39			
1517-22-2	Phenanthrene-d10	820000	17.189			
1719-03-5	Chrysene-d12	923000	21.63			
1520-96-3	Perylene-d12	1100000	24.995			

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