

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-201-082025DL	SDG No.:	Q2924
Lab Sample ID:	Q2924-02DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
Prep Method :		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025607.D	20	08/22/25 10:34	08/27/25 17:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	210	UD	82.3	210	ug/L
108-95-2	Phenol	110	UD	19.2	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.1	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.2	110	ug/L
95-48-7	2-Methylphenol	110	UD	23.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	26.9	110	ug/L
98-86-2	Acetophenone	110	UD	15.6	110	ug/L
65794-96-9	3+4-Methylphenols	210	UD	23.2	210	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.6	UD	29.7	52.6	ug/L
67-72-1	Hexachloroethane	110	UD	13.7	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.0	110	ug/L
78-59-1	Isophorone	110	UD	15.8	110	ug/L
88-75-5	2-Nitrophenol	110	UD	37.1	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	38.9	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.3	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	10.9	110	ug/L
91-20-3	Naphthalene	6000	ED	10.5	110	ug/L
106-47-8	4-Chloroaniline	110	UD	17.7	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.4	110	ug/L
105-60-2	Caprolactam	210	UD	23.8	210	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	12.4	110	ug/L
91-57-6	2-Methylnaphthalene	610	D	11.8	110	ug/L
77-47-4	Hexachlorocyclopentadiene	210	UD	76.4	210	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	10.7	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.1	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.2	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	12.8	110	ug/L
88-74-4	2-Nitroaniline	110	UD	26.5	110	ug/L
131-11-3	Dimethylphthalate	110	UD	12.8	110	ug/L

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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 :			

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208-96-8	Acenaphthylene	180	D	15.8	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	19.4	110	ug/L
99-09-2	3-Nitroaniline	110	UD	22.1	110	ug/L
83-32-9	Acenaphthene	110	UD	11.6	110	ug/L
51-28-5	2,4-Dinitrophenol	210	UD	130	210	ug/L
100-02-7	4-Nitrophenol	210	UD	50.1	210	ug/L
132-64-9	Dibenzofuran	110	UD	12.8	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	25.7	110	ug/L
84-66-2	Diethylphthalate	110	UD	14.5	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.3	110	ug/L
86-73-7	Fluorene	110	UD	13.3	110	ug/L
100-01-6	4-Nitroaniline	110	UD	31.6	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	210	UD	60.6	210	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.2	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.40	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	10.9	110	ug/L
1912-24-9	Atrazine	110	UD	21.3	110	ug/L
87-86-5	Pentachlorophenol	210	UD	33.3	210	ug/L
85-01-8	Phenanthrene	110	UD	10.5	110	ug/L
120-12-7	Anthracene	110	UD	12.8	110	ug/L
86-74-8	Carbazole	110	UD	15.2	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	25.7	110	ug/L
206-44-0	Fluoranthene	110	UD	17.3	110	ug/L
129-00-0	Pyrene	110	UD	10.5	110	ug/L
85-68-7	Butylbenzylphthalate	110	UD	40.6	110	ug/L
91-94-1	3,3-Dichlorobenzidine	210	UD	19.6	210	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.50	110	ug/L
218-01-9	Chrysene	110	UD	9.30	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	33.7	110	ug/L
117-84-0	Di-n-octyl phthalate	210	UD	49.3	210	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.3	110	ug/L

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207-08-9	Benzo(k)fluoranthene	110	UD	10.1	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	11.6	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	12.4	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.1	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	14.5	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	10.9	110	ug/L
123-91-1	1,4-Dioxane	110	UD	21.1	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.2	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.7		23 - 138	42%	SPK: 150
13127-88-3	Phenol-d6	31.8		10 - 134	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.1		67 - 132	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.0		52 - 132	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		44 - 137	76%	SPK: 150
1718-51-0	Terphenyl-d14	77.0		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	147000	7.772			
1146-65-2	Naphthalene-d8	575000	10.543			
15067-26-2	Acenaphthene-d10	353000	14.389			
1517-22-2	Phenanthrene-d10	694000	17.189			
1719-03-5	Chrysene-d12	837000	21.636			
1520-96-3	Perylene-d12	1050000	25.001			

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