

Report of Analysis

Client:	AECOM	Date Collected:	08/21/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/21/25
Client Sample ID:	MW-19B-082125DL2	SDG No.:	Q2936
Lab Sample ID:	Q2936-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 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
BP025605.D	100	08/22/25 10:34	08/27/25 16:22	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	430	1100	ug/L
108-95-2	Phenol	560	UD	100	560	ug/L
111-44-4	bis(2-Chloroethyl)ether	560	UD	90.0	560	ug/L
95-57-8	2-Chlorophenol	560	UD	64.4	560	ug/L
95-48-7	2-Methylphenol	560	UD	120	560	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	560	UD	140	560	ug/L
98-86-2	Acetophenone	560	UD	82.2	560	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	280	UD	160	280	ug/L
67-72-1	Hexachloroethane	560	UD	72.2	560	ug/L
98-95-3	Nitrobenzene	560	UD	84.4	560	ug/L
78-59-1	Isophorone	560	UD	83.3	560	ug/L
88-75-5	2-Nitrophenol	560	UD	200	560	ug/L
105-67-9	2,4-Dimethylphenol	560	UD	210	560	ug/L
111-91-1	bis(2-Chloroethoxy)methane	560	UD	75.6	560	ug/L
120-83-2	2,4-Dichlorophenol	560	UD	57.8	560	ug/L
91-20-3	Naphthalene	4400	D	55.6	560	ug/L
106-47-8	4-Chloroaniline	560	UD	93.3	560	ug/L
87-68-3	Hexachlorobutadiene	560	UD	60.0	560	ug/L
105-60-2	Caprolactam	1100	UD	130	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	560	UD	65.6	560	ug/L
91-57-6	2-Methylnaphthalene	560	UD	62.2	560	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	400	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	560	UD	56.7	560	ug/L
95-95-4	2,4,5-Trichlorophenol	560	UD	68.9	560	ug/L
92-52-4	1,1-Biphenyl	560	UD	58.9	560	ug/L
91-58-7	2-Chloronaphthalene	560	UD	67.8	560	ug/L
88-74-4	2-Nitroaniline	560	UD	140	560	ug/L
131-11-3	Dimethylphthalate	560	UD	67.8	560	ug/L

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208-96-8	Acenaphthylene	560	UD	83.3	560	ug/L
606-20-2	2,6-Dinitrotoluene	560	UD	100	560	ug/L
99-09-2	3-Nitroaniline	560	UD	120	560	ug/L
83-32-9	Acenaphthene	560	UD	61.1	560	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	660	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	260	1100	ug/L
132-64-9	Dibenzofuran	560	UD	67.8	560	ug/L
121-14-2	2,4-Dinitrotoluene	560	UD	140	560	ug/L
84-66-2	Diethylphthalate	560	UD	76.7	560	ug/L
7005-72-3	4-Chlorophenyl-phenylether	560	UD	75.6	560	ug/L
86-73-7	Fluorene	560	UD	70.0	560	ug/L
100-01-6	4-Nitroaniline	560	UD	170	560	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	320	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	560	UD	64.4	560	ug/L
101-55-3	4-Bromophenyl-phenylether	560	UD	44.4	560	ug/L
118-74-1	Hexachlorobenzene	560	UD	57.8	560	ug/L
1912-24-9	Atrazine	560	UD	110	560	ug/L
87-86-5	Pentachlorophenol	1100	UD	180	1100	ug/L
85-01-8	Phenanthrene	560	UD	55.6	560	ug/L
120-12-7	Anthracene	560	UD	67.8	560	ug/L
86-74-8	Carbazole	560	UD	80.0	560	ug/L
84-74-2	Di-n-butylphthalate	560	UD	140	560	ug/L
206-44-0	Fluoranthene	560	UD	91.1	560	ug/L
129-00-0	Pyrene	560	UD	55.6	560	ug/L
85-68-7	Butylbenzylphthalate	560	UD	210	560	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UD	100	1100	ug/L
56-55-3	Benzo(a)anthracene	560	UD	50.0	560	ug/L
218-01-9	Chrysene	560	UD	48.9	560	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	560	UD	180	560	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	260	1100	ug/L
205-99-2	Benzo(b)fluoranthene	560	UD	54.4	560	ug/L

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207-08-9	Benzo(k)fluoranthene	560	UD	53.3	560	ug/L
50-32-8	Benzo(a)pyrene	560	UD	61.1	560	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	560	UD	65.6	560	ug/L
53-70-3	Dibenzo(a,h)anthracene	560	UD	74.4	560	ug/L
191-24-2	Benzo(g,h,i)perylene	560	UD	76.7	560	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	560	UD	57.8	560	ug/L
123-91-1	1,4-Dioxane	560	UD	110	560	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560	UD	80.0	560	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.6		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	33.7		10 - 134	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.8	*	67 - 132	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.1		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.7		44 - 137	65%	SPK: 150
1718-51-0	Terphenyl-d14	75.7		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	150000	7.778			
1146-65-2	Naphthalene-d8	593000	10.542			
15067-26-2	Acenaphthene-d10	368000	14.395			
1517-22-2	Phenanthrene-d10	754000	17.195			
1719-03-5	Chrysene-d12	896000	21.636			
1520-96-3	Perylene-d12	1050000	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