

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	MN-12C-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-02DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	910 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
BF143527.D	100	08/19/25 09:29	08/21/25 13:44	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	430	1100	ug/L
108-95-2	Phenol	550	UD	100	550	ug/L
111-44-4	bis(2-Chloroethyl)ether	550	UD	89.0	550	ug/L
95-57-8	2-Chlorophenol	550	UD	63.7	550	ug/L
95-48-7	2-Methylphenol	550	UD	120	550	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	550	UD	140	550	ug/L
98-86-2	Acetophenone	550	UD	81.3	550	ug/L
65794-96-9	3+4-Methylphenols	1100	UD	120	1100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	270	UD	150	270	ug/L
67-72-1	Hexachloroethane	550	UD	71.4	550	ug/L
98-95-3	Nitrobenzene	550	UD	83.5	550	ug/L
78-59-1	Isophorone	550	UD	82.4	550	ug/L
88-75-5	2-Nitrophenol	550	UD	190	550	ug/L
105-67-9	2,4-Dimethylphenol	550	UD	200	550	ug/L
111-91-1	bis(2-Chloroethoxy)methane	550	UD	74.7	550	ug/L
120-83-2	2,4-Dichlorophenol	550	UD	57.1	550	ug/L
91-20-3	Naphthalene	8000	D	54.9	550	ug/L
106-47-8	4-Chloroaniline	550	UD	92.3	550	ug/L
87-68-3	Hexachlorobutadiene	550	UD	59.3	550	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	550	UD	64.8	550	ug/L
91-57-6	2-Methylnaphthalene	690	D	61.5	550	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	400	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	550	UD	56.0	550	ug/L
95-95-4	2,4,5-Trichlorophenol	550	UD	68.1	550	ug/L
92-52-4	1,1-Biphenyl	550	UD	58.2	550	ug/L
91-58-7	2-Chloronaphthalene	550	UD	67.0	550	ug/L
88-74-4	2-Nitroaniline	550	UD	140	550	ug/L
131-11-3	Dimethylphthalate	550	UD	67.0	550	ug/L

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208-96-8	Acenaphthylene	240	JD	82.4	550	ug/L
606-20-2	2,6-Dinitrotoluene	550	UD	100	550	ug/L
99-09-2	3-Nitroaniline	550	UD	120	550	ug/L
83-32-9	Acenaphthene	550	UD	60.4	550	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	550	UD	67.0	550	ug/L
121-14-2	2,4-Dinitrotoluene	550	UD	130	550	ug/L
84-66-2	Diethylphthalate	550	UD	75.8	550	ug/L
7005-72-3	4-Chlorophenyl-phenylether	550	UD	74.7	550	ug/L
86-73-7	Fluorene	550	UD	69.2	550	ug/L
100-01-6	4-Nitroaniline	550	UD	160	550	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	320	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	550	UD	63.7	550	ug/L
101-55-3	4-Bromophenyl-phenylether	550	UD	44.0	550	ug/L
118-74-1	Hexachlorobenzene	550	UD	57.1	550	ug/L
1912-24-9	Atrazine	550	UD	110	550	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	550	UD	54.9	550	ug/L
120-12-7	Anthracene	550	UD	67.0	550	ug/L
86-74-8	Carbazole	550	UD	79.1	550	ug/L
84-74-2	Di-n-butylphthalate	550	UD	130	550	ug/L
206-44-0	Fluoranthene	550	UD	90.1	550	ug/L
129-00-0	Pyrene	550	UD	54.9	550	ug/L
85-68-7	Butylbenzylphthalate	550	UDQ	210	550	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	100	1100	ug/L
56-55-3	Benzo(a)anthracene	550	UD	49.5	550	ug/L
218-01-9	Chrysene	550	UD	48.4	550	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	550	UD	180	550	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	260	1100	ug/L
205-99-2	Benzo(b)fluoranthene	550	UD	53.8	550	ug/L

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207-08-9	Benzo(k)fluoranthene	550	UD	52.7	550	ug/L
50-32-8	Benzo(a)pyrene	550	UD	60.4	550	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	550	UD	64.8	550	ug/L
53-70-3	Dibenzo(a,h)anthracene	550	UD	73.6	550	ug/L
191-24-2	Benzo(g,h,i)perylene	550	UD	75.8	550	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	550	UD	57.1	550	ug/L
123-91-1	1,4-Dioxane	550	UD	110	550	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550	UD	79.1	550	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	46.4		23 - 138	31%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.9		67 - 132	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	133	*	52 - 132	133%	SPK: 100
118-79-6	2,4,6-Tribromophenol	74.4		44 - 137	50%	SPK: 150
1718-51-0	Terphenyl-d14	96.7		42 - 152	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	6.928			
1146-65-2	Naphthalene-d8	382000	8.21			
15067-26-2	Acenaphthene-d10	199000	9.963			
1517-22-2	Phenanthrene-d10	282000	11.451			
1719-03-5	Chrysene-d12	192000	14.098			
1520-96-3	Perylene-d12	235000	15.598			

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