

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-081825DL		SDG No.:	Q2900	
Lab Sample ID:	Q2900-02DL		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
BF143522.D	20	08/19/25 09:29	08/21/25 11:18	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	220	UD	85.9	220	ug/L
108-95-2	Phenol	110	UD	20.0	110	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	UD	17.8	110	ug/L
95-57-8	2-Chlorophenol	110	UD	12.7	110	ug/L
95-48-7	2-Methylphenol	110	UD	24.6	110	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	110	UD	28.1	110	ug/L
98-86-2	Acetophenone	110	UD	16.3	110	ug/L
65794-96-9	3+4-Methylphenols	220	UD	24.2	220	ug/L
621-64-7	n-Nitroso-di-n-propylamine	54.9	UD	31.0	54.9	ug/L
67-72-1	Hexachloroethane	110	UD	14.3	110	ug/L
98-95-3	Nitrobenzene	110	UD	16.7	110	ug/L
78-59-1	Isophorone	110	UD	16.5	110	ug/L
88-75-5	2-Nitrophenol	110	UD	38.7	110	ug/L
105-67-9	2,4-Dimethylphenol	110	UD	40.7	110	ug/L
111-91-1	bis(2-Chloroethoxy)methane	110	UD	14.9	110	ug/L
120-83-2	2,4-Dichlorophenol	110	UD	11.4	110	ug/L
91-20-3	Naphthalene	4600	ED	11.0	110	ug/L
106-47-8	4-Chloroaniline	110	UD	18.5	110	ug/L
87-68-3	Hexachlorobutadiene	110	UD	11.9	110	ug/L
105-60-2	Caprolactam	220	UD	24.8	220	ug/L
59-50-7	4-Chloro-3-methylphenol	110	UD	13.0	110	ug/L
91-57-6	2-Methylnaphthalene	550	D	12.3	110	ug/L
77-47-4	Hexachlorocyclopentadiene	220	UD	79.8	220	ug/L
88-06-2	2,4,6-Trichlorophenol	110	UD	11.2	110	ug/L
95-95-4	2,4,5-Trichlorophenol	110	UD	13.6	110	ug/L
92-52-4	1,1-Biphenyl	110	UD	11.6	110	ug/L
91-58-7	2-Chloronaphthalene	110	UD	13.4	110	ug/L
88-74-4	2-Nitroaniline	110	UD	27.7	110	ug/L
131-11-3	Dimethylphthalate	110	UD	13.4	110	ug/L

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208-96-8	Acenaphthylene	200	D	16.5	110	ug/L
606-20-2	2,6-Dinitrotoluene	110	UD	20.2	110	ug/L
99-09-2	3-Nitroaniline	110	UD	23.1	110	ug/L
83-32-9	Acenaphthene	110	UD	12.1	110	ug/L
51-28-5	2,4-Dinitrophenol	220	UD	130	220	ug/L
100-02-7	4-Nitrophenol	220	UD	52.3	220	ug/L
132-64-9	Dibenzofuran	110	UD	13.4	110	ug/L
121-14-2	2,4-Dinitrotoluene	110	UD	26.8	110	ug/L
84-66-2	Diethylphthalate	110	UD	15.2	110	ug/L
7005-72-3	4-Chlorophenyl-phenylether	110	UD	14.9	110	ug/L
86-73-7	Fluorene	110	UD	13.8	110	ug/L
100-01-6	4-Nitroaniline	110	UD	33.0	110	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	220	UD	63.3	220	ug/L
86-30-6	n-Nitrosodiphenylamine	110	UD	12.7	110	ug/L
101-55-3	4-Bromophenyl-phenylether	110	UD	8.80	110	ug/L
118-74-1	Hexachlorobenzene	110	UD	11.4	110	ug/L
1912-24-9	Atrazine	110	UD	22.2	110	ug/L
87-86-5	Pentachlorophenol	220	UD	34.7	220	ug/L
85-01-8	Phenanthrene	110	UD	11.0	110	ug/L
120-12-7	Anthracene	110	UD	13.4	110	ug/L
86-74-8	Carbazole	110	UD	15.8	110	ug/L
84-74-2	Di-n-butylphthalate	110	UD	26.8	110	ug/L
206-44-0	Fluoranthene	110	UD	18.0	110	ug/L
129-00-0	Pyrene	110	UD	11.0	110	ug/L
85-68-7	Butylbenzylphthalate	110	UDQ	42.4	110	ug/L
91-94-1	3,3-Dichlorobenzidine	220	UDQ	20.4	220	ug/L
56-55-3	Benzo(a)anthracene	110	UD	9.90	110	ug/L
218-01-9	Chrysene	110	UD	9.70	110	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	UD	35.2	110	ug/L
117-84-0	Di-n-octyl phthalate	220	UD	51.4	220	ug/L
205-99-2	Benzo(b)fluoranthene	110	UD	10.8	110	ug/L

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207-08-9	Benzo(k)fluoranthene	110	UD	10.5	110	ug/L
50-32-8	Benzo(a)pyrene	110	UD	12.1	110	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	UD	13.0	110	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	UD	14.7	110	ug/L
191-24-2	Benzo(g,h,i)perylene	110	UD	15.2	110	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	110	UD	11.4	110	ug/L
123-91-1	1,4-Dioxane	110	UD	22.0	110	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	UD	15.8	110	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	51.2		23 - 138	34%	SPK: 150
13127-88-3	Phenol-d6	37.2		10 - 134	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.4		67 - 132	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.9		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.2		44 - 137	65%	SPK: 150
1718-51-0	Terphenyl-d14	80.9		42 - 152	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	110000	6.928			
1146-65-2	Naphthalene-d8	414000	8.21			
15067-26-2	Acenaphthene-d10	236000	9.963			
1517-22-2	Phenanthrene-d10	348000	11.451			
1719-03-5	Chrysene-d12	223000	14.092			
1520-96-3	Perylene-d12	252000	15.592			

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