284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	AECOM	Date Collected:	08/18/25
Project:	National Grid Equity - Brooklyn NY	Date Received:	08/18/25
Client Sample ID:	DUP-01-081825DL2	SDG No.:	Q2900
Lab Sample ID:	Q2900-03DL2	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	930 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
BF143528.D	100	08/19/25 09:29	08/21/25 14:13	PB169313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	1100	UD	420	1100	ug/L
108-95-2	Phenol	540	UD	97.8	540	ug/L
111-44-4	bis(2-Chloroethyl)ether	540	UD	87.1	540	ug/L
95-57-8	2-Chlorophenol	540	UD	62.4	540	ug/L
95-48-7	2-Methylphenol	540	UD	120	540	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	540	UD	140	540	ug/L
98-86-2	Acetophenone	540	UD	79.6	540	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	540	UD	69.9	540	ug/L
98-95-3	Nitrobenzene	540	UD	81.7	540	ug/L
78-59-1	Isophorone	540	UD	80.6	540	ug/L
88-75-5	2-Nitrophenol	540	UD	190	540	ug/L
105-67-9	2,4-Dimethylphenol	540	UD	200	540	ug/L
111-91-1	bis(2-Chloroethoxy)methane	540	UD	73.1	540	ug/L
120-83-2	2,4-Dichlorophenol	540	UD	55.9	540	ug/L
91-20-3	Naphthalene	8300	D	53.8	540	ug/L
106-47-8	4-Chloroaniline	540	UD	90.3	540	ug/L
87-68-3	Hexachlorobutadiene	540	UD	58.1	540	ug/L
105-60-2	Caprolactam	1100	UD	120	1100	ug/L
59-50-7	4-Chloro-3-methylphenol	540	UD	63.4	540	ug/L
91-57-6	2-Methylnaphthalene	760	D	60.2	540	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	UD	390	1100	ug/L
88-06-2	2,4,6-Trichlorophenol	540	UD	54.8	540	ug/L
95-95-4	2,4,5-Trichlorophenol	540	UD	66.7	540	ug/L
92-52-4	1,1-Biphenyl	540	UD	57.0	540	ug/L
91-58-7	2-Chloronaphthalene	540	UD	65.6	540	ug/L
88-74-4	2-Nitroaniline	540	UD	140	540	ug/L
131-11-3	Dimethylphthalate	540	UD	65.6	540	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	270	JD	80.6	540	ug/L
606-20-2	2,6-Dinitrotoluene	540	UD	98.9	540	ug/L
99-09-2	3-Nitroaniline	540	UD	110	540	ug/L
83-32-9	Acenaphthene	540	UD	59.1	540	ug/L
51-28-5	2,4-Dinitrophenol	1100	UD	640	1100	ug/L
100-02-7	4-Nitrophenol	1100	UD	260	1100	ug/L
132-64-9	Dibenzofuran	540	UD	65.6	540	ug/L
121-14-2	2,4-Dinitrotoluene	540	UD	130	540	ug/L
84-66-2	Diethylphthalate	540	UD	74.2	540	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540	UD	73.1	540	ug/L
86-73-7	Fluorene	540	UD	67.7	540	ug/L
100-01-6	4-Nitroaniline	540	UD	160	540	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1100	UD	310	1100	ug/L
86-30-6	n-Nitrosodiphenylamine	540	UD	62.4	540	ug/L
101-55-3	4-Bromophenyl-phenylether	540	UD	43.0	540	ug/L
118-74-1	Hexachlorobenzene	540	UD	55.9	540	ug/L
1912-24-9	Atrazine	540	UD	110	540	ug/L
87-86-5	Pentachlorophenol	1100	UD	170	1100	ug/L
85-01-8	Phenanthrene	540	UD	53.8	540	ug/L
120-12-7	Anthracene	540	UD	65.6	540	ug/L
86-74-8	Carbazole	540	UD	77.4	540	ug/L
84-74-2	Di-n-butylphthalate	540	UD	130	540	ug/L
206-44-0	Fluoranthene	540	UD	88.2	540	ug/L
129-00-0	Pyrene	540	UD	53.8	540	ug/L
85-68-7	Butylbenzylphthalate	540	UDQ	210	540	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	UDQ	100	1100	ug/L
56-55-3	Benzo(a)anthracene	540	UD	48.4	540	ug/L
218-01-9	Chrysene	540	UD	47.3	540	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540	UD	170	540	ug/L
117-84-0	Di-n-octyl phthalate	1100	UD	250	1100	ug/L
205-99-2	Benzo(b)fluoranthene	540	UD	52.7	540	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	540	UD	51.6	540	ug/L
50-32-8	Benzo(a)pyrene	540	UD	59.1	540	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	540	UD	63.4	540	ug/L
53-70-3	Dibenzo(a,h)anthracene	540	UD	72.0	540	ug/L
191-24-2	Benzo(g,h,i)perylene	540	UD	74.2	540	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	540	UD	55.9	540	ug/L
123-91-1	1,4-Dioxane	540	UD	110	540	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540	UD	77.4	540	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	37.8		23 - 138	25%	SPK: 150
13127-88-3	Phenol-d6	31.3		10 - 134	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.9		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	115		52 - 132	115%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.6	*	44 - 137	40%	SPK: 150
1718-51-0	Terphenyl-d14	89.0		42 - 152	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	106000	6.928			
1146-65-2	Naphthalene-d8	407000	8.21			
15067-26-2	Acenaphthene-d10	216000	9.963			
1517-22-2	Phenanthrene-d10	311000	11.451			
1719-03-5	Chrysene-d12	211000	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