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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/30/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/30/25
Client Sample ID:	JPP-5.4-013025DL	SDG No.:	Q1241
Lab Sample ID:	Q1241-15DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.6
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141549.D	10	01/31/25 10:20	02/10/25 21:38	PB166418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	3800	UD	2100	3800	ug/Kg
108-95-2	Phenol	2000	UD	960	2000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000	UD	970	2000	ug/Kg
95-57-8	2-Chlorophenol	2000	UD	960	2000	ug/Kg
95-48-7	2-Methylphenol	2000	UD	930	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	UD	1000	2000	ug/Kg
98-86-2	Acetophenone	2000	UDQ	1000	2000	ug/Kg
65794-96-9	3+4-Methylphenols	3800	UD	920	3800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	920	UD	460	920	ug/Kg
67-72-1	Hexachloroethane	2000	UD	960	2000	ug/Kg
98-95-3	Nitrobenzene	2000	UD	1000	2000	ug/Kg
78-59-1	Isophorone	2000	UD	980	2000	ug/Kg
88-75-5	2-Nitrophenol	2000	UD	1100	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	2000	UD	1100	2000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000	UD	990	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	2000	UD	870	2000	ug/Kg
91-20-3	Naphthalene	2000	UD	950	2000	ug/Kg
106-47-8	4-Chloroaniline	2000	UD	950	2000	ug/Kg
87-68-3	Hexachlorobutadiene	2000	UD	960	2000	ug/Kg
105-60-2	Caprolactam	3800	UD	1000	3800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000	UD	890	2000	ug/Kg
91-57-6	2-Methylnaphthalene	2000	UD	950	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3800	UDQ	1800	3800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000	UD	820	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000	UD	850	2000	ug/Kg
92-52-4	1,1-Biphenyl	2000	UD	1000	2000	ug/Kg
91-58-7	2-Chloronaphthalene	2000	UD	960	2000	ug/Kg
88-74-4	2-Nitroaniline	2000	UD	1100	2000	ug/Kg
131-11-3	Dimethylphthalate	2000	UD	940	2000	ug/Kg

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208-96-8	Acenaphthylene	2000	UD	1000	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000	UD	960	2000	ug/Kg
99-09-2	3-Nitroaniline	2000	UD	1000	2000	ug/Kg
83-32-9	Acenaphthene	2000	UD	940	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	UD	2800	3800	ug/Kg
100-02-7	4-Nitrophenol	3800	UD	1300	3800	ug/Kg
132-64-9	Dibenzofuran	2000	UD	970	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000	UD	990	2000	ug/Kg
84-66-2	Diethylphthalate	2000	UD	920	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000	UD	990	2000	ug/Kg
86-73-7	Fluorene	2000	UD	990	2000	ug/Kg
100-01-6	4-Nitroaniline	2000	UD	1200	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3800	UD	1300	3800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000	UD	940	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000	UD	910	2000	ug/Kg
118-74-1	Hexachlorobenzene	2000	UD	980	2000	ug/Kg
1912-24-9	Atrazine	2000	UD	1100	2000	ug/Kg
87-86-5	Pentachlorophenol	3800	UD	890	3800	ug/Kg
85-01-8	Phenanthrene	9000	D	970	2000	ug/Kg
120-12-7	Anthracene	2900	D	970	2000	ug/Kg
86-74-8	Carbazole	2000	UD	930	2000	ug/Kg
84-74-2	Di-n-butylphthalate	2000	UD	970	2000	ug/Kg
206-44-0	Fluoranthene	17800	D	940	2000	ug/Kg
129-00-0	Pyrene	12900	D	960	2000	ug/Kg
85-68-7	Butylbenzylphthalate	2000	UD	1100	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3800	UD	1100	3800	ug/Kg
56-55-3	Benzo(a)anthracene	8900	D	930	2000	ug/Kg
218-01-9	Chrysene	7600	D	920	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000	UD	1000	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	3800	UD	1300	3800	ug/Kg
205-99-2	Benzo(b)fluoranthene	10700	D	940	2000	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	4300	D	950	2000	ug/Kg
50-32-8	Benzo(a)pyrene	9500	D	1100	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3900	D	900	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	JD	940	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200	D	920	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000	UD	1000	2000	ug/Kg
123-91-1	1,4-Dioxane	2000	UD	1300	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000	UD	860	2000	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	122		18 - 112	81%	SPK: 150
13127-88-3	Phenol-d6	124		15 - 107	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.8		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.2		20 - 109	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.3		10 - 116	58%	SPK: 150
1718-51-0	Terphenyl-d14	64.5		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	77700	6.787			
1146-65-2	Naphthalene-d8	311000	8.069			
15067-26-2	Acenaphthene-d10	156000	9.822			
1517-22-2	Phenanthrene-d10	213000	11.31			
1719-03-5	Chrysene-d12	190000	13.951			
1520-96-3	Perylene-d12	158000	15.409			

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