Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-26.1-012825DL	SDG No.:	Q1216
Lab Sample ID:	Q1216-15DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.8
Sample Wt/Vol:	30.05 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
BF141548.D	5	01/30/25 09:15	02/10/25 21:12	PB166360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2000	UD	1100	2000	ug/Kg
108-95-2	Phenol	1000	UD	500	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000	UD	500	1000	ug/Kg
95-57-8	2-Chlorophenol	1000	UD	500	1000	ug/Kg
95-48-7	2-Methylphenol	1000	UD	490	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	UD	550	1000	ug/Kg
98-86-2	Acetophenone	1000	UD	520	1000	ug/Kg
65794-96-9	3+4-Methylphenols	2000	UD	480	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	480	UD	240	480	ug/Kg
67-72-1	Hexachloroethane	1000	UD	500	1000	ug/Kg
98-95-3	Nitrobenzene	1000	UD	550	1000	ug/Kg
78-59-1	Isophorone	1000	UD	510	1000	ug/Kg
88-75-5	2-Nitrophenol	1000	UD	570	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	UD	560	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000	UD	520	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	1000	UD	460	1000	ug/Kg
91-20-3	Naphthalene	1000	UD	500	1000	ug/Kg
106-47-8	4-Chloroaniline	1000	UD	500	1000	ug/Kg
87-68-3	Hexachlorobutadiene	1000	UD	500	1000	ug/Kg
105-60-2	Caprolactam	2000	UD	520	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	UD	470	1000	ug/Kg
91-57-6	2-Methylnaphthalene	1000	UD	500	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	UDQ	940	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000	UD	430	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000	UD	450	1000	ug/Kg
92-52-4	1,1-Biphenyl	1000	UD	530	1000	ug/Kg
91-58-7	2-Chloronaphthalene	1000	UD	500	1000	ug/Kg
88-74-4	2-Nitroaniline	1000	UD	570	1000	ug/Kg
131-11-3	Dimethylphthalate	1000	UD	490	1000	ug/Kg

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208-96-8	Acenaphthylene	1000	UD	520	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000	UD	500	1000	ug/Kg
99-09-2	3-Nitroaniline	1000	UD	540	1000	ug/Kg
83-32-9	Acenaphthene	1000	UD	490	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	UD	1500	2000	ug/Kg
100-02-7	4-Nitrophenol	2000	UD	700	2000	ug/Kg
132-64-9	Dibenzofuran	1000	UD	510	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	UD	520	1000	ug/Kg
84-66-2	Diethylphthalate	1000	UD	480	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000	UD	520	1000	ug/Kg
86-73-7	Fluorene	1000	UD	520	1000	ug/Kg
100-01-6	4-Nitroaniline	1000	UD	650	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000	UD	710	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000	UD	490	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	UD	480	1000	ug/Kg
118-74-1	Hexachlorobenzene	1000	UD	510	1000	ug/Kg
1912-24-9	Atrazine	1000	UD	550	1000	ug/Kg
87-86-5	Pentachlorophenol	2000	UD	470	2000	ug/Kg
85-01-8	Phenanthrene	6800	D	510	1000	ug/Kg
120-12-7	Anthracene	1900	D	510	1000	ug/Kg
86-74-8	Carbazole	1000	UD	480	1000	ug/Kg
84-74-2	Di-n-butylphthalate	1000	UD	510	1000	ug/Kg
206-44-0	Fluoranthene	15100	D	490	1000	ug/Kg
129-00-0	Pyrene	12000	D	500	1000	ug/Kg
85-68-7	Butylbenzylphthalate	1000	UD	580	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	UDQ	590	2000	ug/Kg
56-55-3	Benzo(a)anthracene	9200	D	490	1000	ug/Kg
218-01-9	Chrysene	7100	D	480	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000	UD	550	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	UD	660	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	9500	D	490	1000	ug/Kg

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207-08-9	Benzo(k)fluoranthene	4300	D	500	1000	ug/Kg
50-32-8	Benzo(a)pyrene	8400	D	560	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3500	D	470	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970	JD	490	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3700	D	480	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000	UD	520	1000	ug/Kg
123-91-1	1,4-Dioxane	1000	UD	660	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000	UD	450	1000	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	94.1		18 - 112	63%	SPK: 150
13127-88-3	Phenol-d6	92.0		15 - 107	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.0		18 - 107	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.7		20 - 109	63%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.0		10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	41.9		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	74000	6.786			
1146-65-2	Naphthalene-d8	290000	8.069			
15067-26-2	Acenaphthene-d10	145000	9.822			
1517-22-2	Phenanthrene-d10	197000	11.31			
1719-03-5	Chrysene-d12	175000	13.951			
1520-96-3	Perylene-d12	154000	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