

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/29/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/30/25
Client Sample ID:	JPP-46.2-012925DL	SDG No.:	Q1232
Lab Sample ID:	Q1232-03DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.2
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
BF141426.D	5	01/31/25 10:20	02/04/25 23:04	PB166418

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1800	UD	1000	1800	ug/Kg
108-95-2	Phenol	950	UD	460	950	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	950	UD	470	950	ug/Kg
95-57-8	2-Chlorophenol	950	UD	470	950	ug/Kg
95-48-7	2-Methylphenol	950	UD	450	950	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950	UD	510	950	ug/Kg
98-86-2	Acetophenone	950	UDQ	490	950	ug/Kg
65794-96-9	3+4-Methylphenols	1800	UD	450	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	450	UD	230	450	ug/Kg
67-72-1	Hexachloroethane	950	UD	460	950	ug/Kg
98-95-3	Nitrobenzene	950	UD	510	950	ug/Kg
78-59-1	Isophorone	950	UD	470	950	ug/Kg
88-75-5	2-Nitrophenol	950	UD	530	950	ug/Kg
105-67-9	2,4-Dimethylphenol	950	UD	520	950	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950	UD	480	950	ug/Kg
120-83-2	2,4-Dichlorophenol	950	UD	420	950	ug/Kg
91-20-3	Naphthalene	950	UD	460	950	ug/Kg
106-47-8	4-Chloroaniline	950	UD	460	950	ug/Kg
87-68-3	Hexachlorobutadiene	950	UD	470	950	ug/Kg
105-60-2	Caprolactam	1800	UD	490	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950	UD	430	950	ug/Kg
91-57-6	2-Methylnaphthalene	950	UD	460	950	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	UDQ	870	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	950	UD	400	950	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950	UD	410	950	ug/Kg
92-52-4	1,1-Biphenyl	950	UD	490	950	ug/Kg
91-58-7	2-Chloronaphthalene	950	UD	470	950	ug/Kg
88-74-4	2-Nitroaniline	950	UD	530	950	ug/Kg
131-11-3	Dimethylphthalate	950	UD	460	950	ug/Kg

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208-96-8	Acenaphthylene	950	UD	480	950	ug/Kg
606-20-2	2,6-Dinitrotoluene	950	UD	470	950	ug/Kg
99-09-2	3-Nitroaniline	950	UD	500	950	ug/Kg
83-32-9	Acenaphthene	950	UD	450	950	ug/Kg
51-28-5	2,4-Dinitrophenol	1800	UD	1400	1800	ug/Kg
100-02-7	4-Nitrophenol	1800	UD	650	1800	ug/Kg
132-64-9	Dibenzofuran	950	UD	470	950	ug/Kg
121-14-2	2,4-Dinitrotoluene	950	UD	480	950	ug/Kg
84-66-2	Diethylphthalate	950	UD	450	950	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950	UD	480	950	ug/Kg
86-73-7	Fluorene	950	UD	480	950	ug/Kg
100-01-6	4-Nitroaniline	950	UD	600	950	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800	UD	650	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	950	UD	460	950	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950	UD	440	950	ug/Kg
118-74-1	Hexachlorobenzene	950	UD	480	950	ug/Kg
1912-24-9	Atrazine	950	UD	510	950	ug/Kg
87-86-5	Pentachlorophenol	1800	UD	430	1800	ug/Kg
85-01-8	Phenanthrene	4700	D	470	950	ug/Kg
120-12-7	Anthracene	1100	D	470	950	ug/Kg
86-74-8	Carbazole	950	UD	450	950	ug/Kg
84-74-2	Di-n-butylphthalate	950	UD	470	950	ug/Kg
206-44-0	Fluoranthene	9000	D	460	950	ug/Kg
129-00-0	Pyrene	7100	D	460	950	ug/Kg
85-68-7	Butylbenzylphthalate	950	UD	540	950	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800	UD	550	1800	ug/Kg
56-55-3	Benzo(a)anthracene	4200	D	450	950	ug/Kg
218-01-9	Chrysene	3900	D	440	950	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	950	UD	510	950	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	UD	620	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	4600	D	450	950	ug/Kg

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207-08-9	Benzo(k)fluoranthene	2000	D	460	950	ug/Kg
50-32-8	Benzo(a)pyrene	4600	D	520	950	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200	D	440	950	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	690	JD	450	950	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2500	D	450	950	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950	UD	490	950	ug/Kg
123-91-1	1,4-Dioxane	950	UD	620	950	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950	UD	420	950	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	82.1		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	83.1		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.2		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.3		20 - 109	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.8		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	51.6		10 - 105	52%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	75600	6.787
1146-65-2	Naphthalene-d8	307000	8.069
15067-26-2	Acenaphthene-d10	169000	9.822
1517-22-2	Phenanthrene-d10	294000	11.31
1719-03-5	Chrysene-d12	204000	13.957
1520-96-3	Perylene-d12	215000	15.415

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