

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	VNJ-236MS	SDG No.:	Q1207
Lab Sample ID:	Q1205-02MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141347.D	1	01/29/25 12:35	01/31/25 22:16	PB166354

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	240		15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	370		8.40	50.0	ug/L
95-48-7	2-Methylphenol	430		11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	100	ug/L
67-72-1	Hexachloroethane	380		10.1	50.0	ug/L
98-95-3	Nitrobenzene	420		12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	400		12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	470		8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	470		10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	450		15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	490		11.4	50.0	ug/L
87-86-5	Pentachlorophenol	940	E	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		10 - 139	84%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 134	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.2		49 - 133	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.4		52 - 132	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	75.4		48 - 125	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	143000		6.798		
1146-65-2	Naphthalene-d8	564000		8.081		
15067-26-2	Acenaphthene-d10	295000		9.839		
1517-22-2	Phenanthrene-d10	432000		11.327		
1719-03-5	Chrysene-d12	276000		13.968		
1520-96-3	Perylene-d12	282000		15.421		

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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