

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-21.1-012825	SDG No.:	Q1216
Lab Sample ID:	Q1216-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.4
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021035.D	1		02/03/25 17:24	VY020325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	5.40	U	1.80	5.40	ug/Kg
74-87-3	Chloromethane	5.40	U	1.30	5.40	ug/Kg
75-01-4	Vinyl Chloride	5.40	U	0.83	5.40	ug/Kg
74-83-9	Bromomethane	5.40	U	1.10	5.40	ug/Kg
75-00-3	Chloroethane	5.40	U	1.10	5.40	ug/Kg
75-69-4	Trichlorofluoromethane	5.40	U	0.98	5.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.40	U	1.20	5.40	ug/Kg
75-65-0	Tert butyl alcohol	27.0	U	16.8	27.0	ug/Kg
75-35-4	1,1-Dichloroethene	5.40	U	0.84	5.40	ug/Kg
67-64-1	Acetone	27.0	U	6.70	27.0	ug/Kg
75-15-0	Carbon Disulfide	5.40	U	1.40	5.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.40	U	0.72	5.40	ug/Kg
79-20-9	Methyl Acetate	5.40	U	1.90	5.40	ug/Kg
75-09-2	Methylene Chloride	10.8	U	3.70	10.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.40	U	0.91	5.40	ug/Kg
75-34-3	1,1-Dichloroethane	5.40	U	0.68	5.40	ug/Kg
110-82-7	Cyclohexane	5.40	U	0.74	5.40	ug/Kg
78-93-3	2-Butanone	27.0	U	6.10	27.0	ug/Kg
56-23-5	Carbon Tetrachloride	5.40	U	0.94	5.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.40	U	0.66	5.40	ug/Kg
74-97-5	Bromochloromethane	5.40	U	2.60	5.40	ug/Kg
67-66-3	Chloroform	5.40	U	0.72	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.40	U	0.84	5.40	ug/Kg
108-87-2	Methylcyclohexane	5.40	U	0.94	5.40	ug/Kg
71-43-2	Benzene	5.40	U	0.78	5.40	ug/Kg
107-06-2	1,2-Dichloroethane	5.40	U	0.66	5.40	ug/Kg
79-01-6	Trichloroethene	5.40	U	0.81	5.40	ug/Kg
78-87-5	1,2-Dichloropropane	5.40	U	0.71	5.40	ug/Kg
75-27-4	Bromodichloromethane	5.40	U	0.60	5.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	27.0	U	4.70	27.0	ug/Kg

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108-88-3	Toluene	5.40	U	0.72	5.40	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.40	U	0.65	5.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.40	U	0.62	5.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	5.40	U	0.91	5.40	ug/Kg
591-78-6	2-Hexanone	27.0	U	5.20	27.0	ug/Kg
124-48-1	Dibromochloromethane	5.40	U	0.70	5.40	ug/Kg
106-93-4	1,2-Dibromoethane	5.40	U	0.85	5.40	ug/Kg
127-18-4	Tetrachloroethene	5.40	U	0.96	5.40	ug/Kg
108-90-7	Chlorobenzene	5.40	U	0.80	5.40	ug/Kg
100-41-4	Ethyl Benzene	5.40	U	0.67	5.40	ug/Kg
179601-23-1	m/p-Xylenes	10.8	U	1.50	10.8	ug/Kg
95-47-6	o-Xylene	5.40	U	0.76	5.40	ug/Kg
100-42-5	Styrene	5.40	U	0.65	5.40	ug/Kg
75-25-2	Bromoform	5.40	U	0.87	5.40	ug/Kg
98-82-8	Isopropylbenzene	5.40	U	0.72	5.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.40	U	1.20	5.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.40	U	0.80	5.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.40	U	0.86	5.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.40	U	0.64	5.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.40	U	1.70	5.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.40	U	0.85	5.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.40	U	0.84	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.7		50 - 163	121%	SPK: 50
1868-53-7	Dibromofluoromethane	60.2		54 - 147	120%	SPK: 50
2037-26-5	Toluene-d8	43.5		58 - 134	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	16.3		29 - 146	33%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	5140	7.707			
540-36-3	1,4-Difluorobenzene	8010	8.616			
3114-55-4	Chlorobenzene-d5	5640	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	744	13.346			

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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