

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-46.2-012925		SDG No.:	Q1232	
Lab Sample ID:	Q1232-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	89.7	
Sample Wt/Vol:	16.92	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
VY021056.D	1		02/04/25 14:16	VY020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	0.54	1.60	ug/Kg
74-87-3	Chloromethane	1.60	U	0.38	1.60	ug/Kg
75-01-4	Vinyl Chloride	1.60	U	0.25	1.60	ug/Kg
74-83-9	Bromomethane	1.60	U	0.34	1.60	ug/Kg
75-00-3	Chloroethane	1.60	U	0.33	1.60	ug/Kg
75-69-4	Trichlorofluoromethane	1.60	U	0.30	1.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	U	0.35	1.60	ug/Kg
75-65-0	Tert butyl alcohol	8.20	U	5.10	8.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.60	U	0.26	1.60	ug/Kg
67-64-1	Acetone	8.20	U	2.10	8.20	ug/Kg
75-15-0	Carbon Disulfide	1.60	U	0.42	1.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.60	U	0.22	1.60	ug/Kg
79-20-9	Methyl Acetate	1.60	U	0.59	1.60	ug/Kg
75-09-2	Methylene Chloride	3.30	U	1.10	3.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.60	U	0.28	1.60	ug/Kg
75-34-3	1,1-Dichloroethane	1.60	U	0.21	1.60	ug/Kg
110-82-7	Cyclohexane	1.60	U	0.23	1.60	ug/Kg
78-93-3	2-Butanone	8.20	U	1.90	8.20	ug/Kg
56-23-5	Carbon Tetrachloride	1.60	U	0.29	1.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.60	U	0.20	1.60	ug/Kg
74-97-5	Bromochloromethane	1.60	U	0.80	1.60	ug/Kg
67-66-3	Chloroform	1.60	U	0.22	1.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.60	U	0.26	1.60	ug/Kg
108-87-2	Methylcyclohexane	1.60	U	0.29	1.60	ug/Kg
71-43-2	Benzene	1.60	U	0.24	1.60	ug/Kg
107-06-2	1,2-Dichloroethane	1.60	U	0.20	1.60	ug/Kg
79-01-6	Trichloroethene	1.60	U	0.25	1.60	ug/Kg
78-87-5	1,2-Dichloropropane	1.60	U	0.22	1.60	ug/Kg
75-27-4	Bromodichloromethane	1.60	U	0.18	1.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8.20	U	1.40	8.20	ug/Kg

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108-88-3	Toluene	1.60	U	0.22	1.60	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.60	U	0.20	1.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.60	U	0.19	1.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.60	U	0.28	1.60	ug/Kg
591-78-6	2-Hexanone	8.20	U	1.60	8.20	ug/Kg
124-48-1	Dibromochloromethane	1.60	U	0.21	1.60	ug/Kg
106-93-4	1,2-Dibromoethane	1.60	U	0.26	1.60	ug/Kg
127-18-4	Tetrachloroethene	1.60	U	0.29	1.60	ug/Kg
108-90-7	Chlorobenzene	1.60	U	0.24	1.60	ug/Kg
100-41-4	Ethyl Benzene	1.60	U	0.20	1.60	ug/Kg
179601-23-1	m/p-Xylenes	3.30	U	0.44	3.30	ug/Kg
95-47-6	o-Xylene	1.60	U	0.23	1.60	ug/Kg
100-42-5	Styrene	1.60	U	0.20	1.60	ug/Kg
75-25-2	Bromoform	1.60	U	0.27	1.60	ug/Kg
98-82-8	Isopropylbenzene	1.60	U	0.22	1.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	0.36	1.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.60	U	0.24	1.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	0.26	1.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	0.19	1.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	0.51	1.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.60	U	0.26	1.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.60	U	0.26	1.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	66.4		50 - 163	133%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		54 - 147	107%	SPK: 50
2037-26-5	Toluene-d8	50.5		58 - 134	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		29 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	162000	7.707			
540-36-3	1,4-Difluorobenzene	311000	8.616			
3114-55-4	Chlorobenzene-d5	294000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	122000	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