284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-20.1-012725	SDG No.:	Q1206
Lab Sample ID:	Q1206-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	85.5
Sample Wt/Vol:	5.08 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
VY021039.D	1		02/03/25 18:58	VY020325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	5.80	U	1.90	5.80	ug/Kg
74-87-3	Chloromethane	5.80	U	1.30	5.80	ug/Kg
75-01-4	Vinyl Chloride	5.80	U	0.89	5.80	ug/Kg
74-83-9	Bromomethane	5.80	U	1.20	5.80	ug/Kg
75-00-3	Chloroethane	5.80	U	1.20	5.80	ug/Kg
75-69-4	Trichlorofluoromethane	5.80	U	1.00	5.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.80	U	1.20	5.80	ug/Kg
75-65-0	Tert butyl alcohol	28.8	U	18.0	28.8	ug/Kg
75-35-4	1,1-Dichloroethene	5.80	U	0.90	5.80	ug/Kg
67-64-1	Acetone	28.8	U	7.20	28.8	ug/Kg
75-15-0	Carbon Disulfide	5.80	U	1.50	5.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.80	U	0.77	5.80	ug/Kg
79-20-9	Methyl Acetate	5.80	U	2.10	5.80	ug/Kg
75-09-2	Methylene Chloride	11.5	U	3.90	11.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.80	U	0.97	5.80	ug/Kg
75-34-3	1,1-Dichloroethane	5.80	U	0.73	5.80	ug/Kg
110-82-7	Cyclohexane	5.80	U	0.79	5.80	ug/Kg
78-93-3	2-Butanone	28.8	U	6.50	28.8	ug/Kg
56-23-5	Carbon Tetrachloride	5.80	U	1.00	5.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.80	U	0.70	5.80	ug/Kg
74-97-5	Bromochloromethane	5.80	U	2.80	5.80	ug/Kg
67-66-3	Chloroform	5.80	U	0.77	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.80	U	0.90	5.80	ug/Kg
108-87-2	Methylcyclohexane	5.80	U	1.00	5.80	ug/Kg
71-43-2	Benzene	5.80	U	0.83	5.80	ug/Kg
107-06-2	1,2-Dichloroethane	5.80	U	0.70	5.80	ug/Kg
79-01-6	Trichloroethene	5.80	U	0.86	5.80	ug/Kg
78-87-5	1,2-Dichloropropane	5.80	U	0.76	5.80	ug/Kg
75-27-4	Bromodichloromethane	5.80	U	0.64	5.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	28.8	U	5.00	28.8	ug/Kg

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VY021039.D	1		02/03/25 18:58	VY020325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	5.80	U	0.77	5.80	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.80	U	0.69	5.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.80	U	0.66	5.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	5.80	U	0.97	5.80	ug/Kg
591-78-6	2-Hexanone	28.8	U	5.50	28.8	ug/Kg
124-48-1	Dibromochloromethane	5.80	U	0.75	5.80	ug/Kg
106-93-4	1,2-Dibromoethane	5.80	U	0.91	5.80	ug/Kg
127-18-4	Tetrachloroethene	5.80	U	1.00	5.80	ug/Kg
108-90-7	Chlorobenzene	5.80	U	0.85	5.80	ug/Kg
100-41-4	Ethyl Benzene	5.80	U	0.71	5.80	ug/Kg
179601-23-1	m/p-Xylenes	11.5	U	1.60	11.5	ug/Kg
95-47-6	o-Xylene	5.80	U	0.81	5.80	ug/Kg
100-42-5	Styrene	5.80	U	0.69	5.80	ug/Kg
75-25-2	Bromoform	5.80	U	0.93	5.80	ug/Kg
98-82-8	Isopropylbenzene	5.80	U	0.77	5.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.80	U	1.30	5.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.80	U	0.85	5.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.80	U	0.92	5.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.80	U	0.68	5.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.80	U	1.80	5.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.80	U	0.91	5.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.80	U	0.90	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.7		50 - 163	125%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		54 - 147	107%	SPK: 50
2037-26-5	Toluene-d8	50.3		58 - 134	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		29 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	179000	7.707			
540-36-3	1,4-Difluorobenzene	339000	8.616			
3114-55-4	Chlorobenzene-d5	316000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.352			

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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