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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/30/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/30/25
Client Sample ID:	JPP-3.5-013025	SDG No.:	Q1241
Lab Sample ID:	Q1241-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	84.6
Sample Wt/Vol:	7.16 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
VY021063.D	1		02/04/25 17:00	VY020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.10	U	1.40	4.10	ug/Kg
74-87-3	Chloromethane	4.10	U	0.96	4.10	ug/Kg
75-01-4	Vinyl Chloride	4.10	U	0.64	4.10	ug/Kg
74-83-9	Bromomethane	4.10	U	0.85	4.10	ug/Kg
75-00-3	Chloroethane	4.10	U	0.83	4.10	ug/Kg
75-69-4	Trichlorofluoromethane	4.10	U	0.75	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.10	U	0.88	4.10	ug/Kg
75-65-0	Tert butyl alcohol	20.6	U	12.9	20.6	ug/Kg
75-35-4	1,1-Dichloroethene	4.10	U	0.64	4.10	ug/Kg
67-64-1	Acetone	20.6	U	5.20	20.6	ug/Kg
75-15-0	Carbon Disulfide	4.10	U	1.10	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.10	U	0.55	4.10	ug/Kg
79-20-9	Methyl Acetate	4.10	U	1.50	4.10	ug/Kg
75-09-2	Methylene Chloride	8.30	U	2.80	8.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.10	U	0.69	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	4.10	U	0.52	4.10	ug/Kg
110-82-7	Cyclohexane	4.10	U	0.57	4.10	ug/Kg
78-93-3	2-Butanone	20.6	U	4.70	20.6	ug/Kg
56-23-5	Carbon Tetrachloride	4.10	U	0.72	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.10	U	0.50	4.10	ug/Kg
74-97-5	Bromochloromethane	4.10	U	2.00	4.10	ug/Kg
67-66-3	Chloroform	4.10	U	0.55	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.10	U	0.64	4.10	ug/Kg
108-87-2	Methylcyclohexane	4.10	U	0.72	4.10	ug/Kg
71-43-2	Benzene	4.10	U	0.59	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	4.10	U	0.50	4.10	ug/Kg
79-01-6	Trichloroethene	4.10	U	0.62	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	4.10	U	0.54	4.10	ug/Kg
75-27-4	Bromodichloromethane	4.10	U	0.46	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	20.6	U	3.60	20.6	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	4.10	U	0.55	4.10	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.10	U	0.50	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.10	U	0.47	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.10	U	0.69	4.10	ug/Kg
591-78-6	2-Hexanone	20.6	U	4.00	20.6	ug/Kg
124-48-1	Dibromochloromethane	4.10	U	0.54	4.10	ug/Kg
106-93-4	1,2-Dibromoethane	4.10	U	0.65	4.10	ug/Kg
127-18-4	Tetrachloroethene	4.10	U	0.73	4.10	ug/Kg
108-90-7	Chlorobenzene	4.10	U	0.61	4.10	ug/Kg
100-41-4	Ethyl Benzene	4.10	U	0.51	4.10	ug/Kg
179601-23-1	m/p-Xylenes	8.30	U	1.10	8.30	ug/Kg
95-47-6	o-Xylene	4.10	U	0.58	4.10	ug/Kg
100-42-5	Styrene	4.10	U	0.50	4.10	ug/Kg
75-25-2	Bromoform	4.10	U	0.67	4.10	ug/Kg
98-82-8	Isopropylbenzene	4.10	U	0.55	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.10	U	0.91	4.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.10	U	0.61	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.10	U	0.66	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.10	U	0.49	4.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.10	U	1.30	4.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.10	U	0.65	4.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.10	U	0.64	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.7		50 - 163	123%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		54 - 147	106%	SPK: 50
2037-26-5	Toluene-d8	49.9		58 - 134	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.5		29 - 146	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	149000	7.707			
540-36-3	1,4-Difluorobenzene	278000	8.616			
3114-55-4	Chlorobenzene-d5	241000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	81200	13.346			

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TENTATIVE IDENTIFIED COMPOUNDS						
91-20-3	Naphthalene	1.90	J		15.1	ug/Kg

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