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-5.4-013025	SDG No.:	Q1241
Lab Sample ID:	Q1241-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87
Sample Wt/Vol:	10.03 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
VY021066.D	1		02/04/25 18:10	VY020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.90	U	0.95	2.90	ug/Kg
74-87-3	Chloromethane	2.90	U	0.66	2.90	ug/Kg
75-01-4	Vinyl Chloride	2.90	U	0.44	2.90	ug/Kg
74-83-9	Bromomethane	2.90	U	0.59	2.90	ug/Kg
75-00-3	Chloroethane	2.90	U	0.58	2.90	ug/Kg
75-69-4	Trichlorofluoromethane	2.90	U	0.52	2.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.90	U	0.61	2.90	ug/Kg
75-65-0	Tert butyl alcohol	14.3	U	8.90	14.3	ug/Kg
75-35-4	1,1-Dichloroethene	2.90	U	0.45	2.90	ug/Kg
67-64-1	Acetone	7.70	J	3.60	14.3	ug/Kg
75-15-0	Carbon Disulfide	2.90	U	0.73	2.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.90	U	0.38	2.90	ug/Kg
79-20-9	Methyl Acetate	2.90	U	1.00	2.90	ug/Kg
75-09-2	Methylene Chloride	5.70	U	2.00	5.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.90	U	0.48	2.90	ug/Kg
75-34-3	1,1-Dichloroethane	2.90	U	0.36	2.90	ug/Kg
110-82-7	Cyclohexane	2.90	U	0.40	2.90	ug/Kg
78-93-3	2-Butanone	14.3	U	3.30	14.3	ug/Kg
56-23-5	Carbon Tetrachloride	2.90	U	0.50	2.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.90	U	0.35	2.90	ug/Kg
74-97-5	Bromochloromethane	2.90	U	1.40	2.90	ug/Kg
67-66-3	Chloroform	2.90	U	0.38	2.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.90	U	0.45	2.90	ug/Kg
108-87-2	Methylcyclohexane	2.90	U	0.50	2.90	ug/Kg
71-43-2	Benzene	2.90	U	0.41	2.90	ug/Kg
107-06-2	1,2-Dichloroethane	2.90	U	0.35	2.90	ug/Kg
79-01-6	Trichloroethene	2.90	U	0.43	2.90	ug/Kg
78-87-5	1,2-Dichloropropane	2.90	U	0.38	2.90	ug/Kg
75-27-4	Bromodichloromethane	2.90	U	0.32	2.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	14.3	U	2.50	14.3	ug/Kg

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-5.4-013025	SDG No.:	Q1241
Lab Sample ID:	Q1241-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87
Sample Wt/Vol:	10.03 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
VY021066.D	1		02/04/25 18:10	VY020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	4.80		0.38	2.90	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.90	U	0.34	2.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.90	U	0.33	2.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.90	U	0.48	2.90	ug/Kg
591-78-6	2-Hexanone	14.3	U	2.70	14.3	ug/Kg
124-48-1	Dibromochloromethane	2.90	U	0.37	2.90	ug/Kg
106-93-4	1,2-Dibromoethane	2.90	U	0.45	2.90	ug/Kg
127-18-4	Tetrachloroethene	2.90	U	0.51	2.90	ug/Kg
108-90-7	Chlorobenzene	2.90	U	0.42	2.90	ug/Kg
100-41-4	Ethyl Benzene	2.90	U	0.36	2.90	ug/Kg
179601-23-1	m/p-Xylenes	0.88	J	0.77	5.70	ug/Kg
95-47-6	o-Xylene	2.90	U	0.40	2.90	ug/Kg
100-42-5	Styrene	2.90	U	0.34	2.90	ug/Kg
75-25-2	Bromoform	2.90	U	0.46	2.90	ug/Kg
98-82-8	Isopropylbenzene	2.90	U	0.38	2.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.90	U	0.63	2.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.90	U	0.42	2.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.90	U	0.46	2.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.90	U	0.34	2.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.90	U	0.89	2.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.90	U	0.45	2.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.90	U	0.45	2.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.1		50 - 163	130%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		54 - 147	107%	SPK: 50
2037-26-5	Toluene-d8	50.9		58 - 134	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		29 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	156000	7.707			
540-36-3	1,4-Difluorobenzene	293000	8.616			
3114-55-4	Chlorobenzene-d5	278000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	112000	13.346			

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-5.4-013025	SDG No.:	Q1241
Lab Sample ID:	Q1241-13	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87
Sample Wt/Vol:	10.03 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
VY021066.D	1		02/04/25 18:10	VY020425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TENTATIVE IDENTIFIED COMPOUNDS						
000115-07-1	Propene	4.10	J		1.82	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