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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-BOT-1	SDG No.:	P4578
Lab Sample ID:	P4578-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.4
Sample Wt/Vol:	9.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020035.D	1		10/28/24 12:43	VY102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.93	U	0.93	2.80	ug/Kg
74-87-3	Chloromethane	0.65	U	0.65	2.80	ug/Kg
75-01-4	Vinyl Chloride	0.43	U	0.43	2.80	ug/Kg
74-83-9	Bromomethane	0.58	U	0.58	2.80	ug/Kg
75-00-3	Chloroethane	0.57	U	0.57	2.80	ug/Kg
75-69-4	Trichlorofluoromethane	0.51	U	0.51	2.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.60	U	0.60	2.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.44	U	0.44	2.80	ug/Kg
67-64-1	Acetone	3.50	U	3.50	14.0	ug/Kg
75-15-0	Carbon Disulfide	0.72	U	0.72	2.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.38	U	0.38	2.80	ug/Kg
79-20-9	Methyl Acetate	1.00	U	1.00	2.80	ug/Kg
75-09-2	Methylene Chloride	1.90	U	1.90	5.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.47	U	0.47	2.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.35	U	0.35	2.80	ug/Kg
110-82-7	Cyclohexane	0.39	U	0.39	2.80	ug/Kg
78-93-3	2-Butanone	3.20	U	3.20	14.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.49	U	0.49	2.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.34	U	0.34	2.80	ug/Kg
74-97-5	Bromochloromethane	1.40	U	1.40	2.80	ug/Kg
67-66-3	Chloroform	0.38	U	0.38	2.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.44	U	0.44	2.80	ug/Kg
108-87-2	Methylcyclohexane	0.49	U	0.49	2.80	ug/Kg
71-43-2	Benzene	0.40	U	0.40	2.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.34	U	0.34	2.80	ug/Kg
79-01-6	Trichloroethene	0.42	U	0.42	2.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.37	U	0.37	2.80	ug/Kg
75-27-4	Bromodichloromethane	0.31	U	0.31	2.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.40	U	2.40	14.0	ug/Kg
108-88-3	Toluene	0.38	U	0.38	2.80	ug/Kg

Alliance TECHNICAL GROUP
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VY020035.D	1		10/28/24 12:43	VY102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.34	U	0.34	2.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.32	U	0.32	2.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.47	U	0.47	2.80	ug/Kg
591-78-6	2-Hexanone	2.70	U	2.70	14.0	ug/Kg
124-48-1	Dibromochloromethane	0.37	U	0.37	2.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.44	U	0.44	2.80	ug/Kg
127-18-4	Tetrachloroethene	0.50	U	0.50	2.80	ug/Kg
108-90-7	Chlorobenzene	0.42	U	0.42	2.80	ug/Kg
100-41-4	Ethyl Benzene	0.35	U	0.35	2.80	ug/Kg
179601-23-1	m/p-Xylenes	0.76	U	0.76	5.60	ug/Kg
95-47-6	o-Xylene	0.39	U	0.39	2.80	ug/Kg
100-42-5	Styrene	0.34	U	0.34	2.80	ug/Kg
75-25-2	Bromoform	0.45	U	0.45	2.80	ug/Kg
98-82-8	Isopropylbenzene	0.38	U	0.38	2.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	0.62	2.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.42	U	0.42	2.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.45	U	0.45	2.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.33	U	0.33	2.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.88	U	0.88	2.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.44	U	0.44	2.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.44	U	0.44	2.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.8		70 (50) - 130 (163)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	51.6		70 (58) - 130 (134)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.9		70 (29) - 130 (146)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	7.713			
540-36-3	1,4-Difluorobenzene	437000	8.615			
3114-55-4	Chlorobenzene-d5	399000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000575-41-7	Naphthalene, 1,3-dimethyl-	8.10	J		12.6	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