

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	02/22/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	02/24/25	
Client Sample ID:	B-163-SB01		SDG No.:	Q1415	
Lab Sample ID:	Q1415-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	88.5	
Sample Wt/Vol:	5.16	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
VY021336.D	1		02/26/25 17:01	VY022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.80	U	1.80	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.84	U	0.84	5.50	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.50	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.00	U	1.00	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.85	U	0.85	5.50	ug/Kg
67-64-1	Acetone	13.5	J	6.80	27.4	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.50	ug/Kg
79-20-9	Methyl Acetate	2.00	U	2.00	5.50	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.92	U	0.92	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.69	U	0.69	5.50	ug/Kg
110-82-7	Cyclohexane	0.76	U	0.76	5.50	ug/Kg
78-93-3	2-Butanone	6.20	U	6.20	27.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.95	U	0.95	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.67	U	0.67	5.50	ug/Kg
74-97-5	Bromochloromethane	2.60	U	2.60	5.50	ug/Kg
67-66-3	Chloroform	0.73	U	0.73	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.85	U	0.85	5.50	ug/Kg
108-87-2	Methylcyclohexane	0.95	U	0.95	5.50	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.67	U	0.67	5.50	ug/Kg
79-01-6	Trichloroethene	0.82	U	0.82	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.72	U	0.72	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.61	U	0.61	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.80	U	4.80	27.4	ug/Kg
108-88-3	Toluene	0.73	U	0.73	5.50	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	0.66	U	0.66	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.50	ug/Kg
591-78-6	2-Hexanone	5.20	U	5.20	27.4	ug/Kg
124-48-1	Dibromochloromethane	0.71	U	0.71	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.86	U	0.86	5.50	ug/Kg
127-18-4	Tetrachloroethene	0.97	U	0.97	5.50	ug/Kg
108-90-7	Chlorobenzene	0.81	U	0.81	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.50	U	1.50	10.9	ug/Kg
95-47-6	o-Xylene	0.77	U	0.77	5.50	ug/Kg
100-42-5	Styrene	0.66	U	0.66	5.50	ug/Kg
75-25-2	Bromoform	0.89	U	0.89	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.73	U	0.73	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.65	U	0.65	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.86	U	0.86	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.85	U	0.85	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		70 (50) - 130 (163)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (54) - 130 (147)	101%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (58) - 130 (134)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (29) - 130 (146)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	7.707			
540-36-3	1,4-Difluorobenzene	391000	8.616			
3114-55-4	Chlorobenzene-d5	393000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	169000	13.346			

TENTATIVE IDENTIFIED COMPOUNDS

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000064-17-5	Ethanol	10.9	J		3.33	ug/Kg
141-78-6	Ethyl Acetate	1.40	J		6.99	ug/Kg
000105-58-8	Diethyl carbonate	450	J		10.5	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