

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-SB02RE		SDG No.:	Q1415	
Lab Sample ID:	Q1415-03RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	72.4	
Sample Wt/Vol:	4.1	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
VY021355.D	1		02/27/25 14:01	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.80	U	2.80	8.40	ug/Kg
74-87-3	Chloromethane	2.00	U	2.00	8.40	ug/Kg
75-01-4	Vinyl Chloride	1.30	U	1.30	8.40	ug/Kg
74-83-9	Bromomethane	1.70	U	1.70	8.40	ug/Kg
75-00-3	Chloroethane	1.70	U	1.70	8.40	ug/Kg
75-69-4	Trichlorofluoromethane	1.50	U	1.50	8.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	1.80	8.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.30	U	1.30	8.40	ug/Kg
67-64-1	Acetone	490		10.5	42.1	ug/Kg
75-15-0	Carbon Disulfide	2.20	U	2.20	8.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	8.40	ug/Kg
79-20-9	Methyl Acetate	3.00	U	3.00	8.40	ug/Kg
75-09-2	Methylene Chloride	15.6	J	5.70	16.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.40	U	1.40	8.40	ug/Kg
75-34-3	1,1-Dichloroethane	1.10	U	1.10	8.40	ug/Kg
110-82-7	Cyclohexane	1.20	U	1.20	8.40	ug/Kg
78-93-3	2-Butanone	130		9.60	42.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	1.50	8.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.00	U	1.00	8.40	ug/Kg
74-97-5	Bromochloromethane	4.10	U	4.10	8.40	ug/Kg
67-66-3	Chloroform	1.10	U	1.10	8.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.30	U	1.30	8.40	ug/Kg
108-87-2	Methylcyclohexane	1.50	U	1.50	8.40	ug/Kg
71-43-2	Benzene	1.20	U	1.20	8.40	ug/Kg
107-06-2	1,2-Dichloroethane	1.00	U	1.00	8.40	ug/Kg
79-01-6	Trichloroethene	1.30	U	1.30	8.40	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	8.40	ug/Kg
75-27-4	Bromodichloromethane	0.94	U	0.94	8.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	7.30	U	7.30	42.1	ug/Kg
108-88-3	Toluene	1.10	U	1.10	8.40	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	1.00	U	1.00	8.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.96	U	0.96	8.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.40	U	1.40	8.40	ug/Kg
591-78-6	2-Hexanone	8.10	U	8.10	42.1	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	8.40	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	8.40	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	1.50	8.40	ug/Kg
108-90-7	Chlorobenzene	1.20	U	1.20	8.40	ug/Kg
100-41-4	Ethyl Benzene	1.00	U	1.00	8.40	ug/Kg
179601-23-1	m/p-Xylenes	2.90	J	2.30	16.8	ug/Kg
95-47-6	o-Xylene	1.20	U	1.20	8.40	ug/Kg
100-42-5	Styrene	1.00	U	1.00	8.40	ug/Kg
75-25-2	Bromoform	1.40	U	1.40	8.40	ug/Kg
98-82-8	Isopropylbenzene	1.10	U	1.10	8.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	1.90	8.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.20	U	1.20	8.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.30	U	1.30	8.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.99	U	0.99	8.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.60	U	2.60	8.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.30	U	1.30	8.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.30	U	1.30	8.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.2		70 (50) - 130 (163)	118%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		70 (54) - 130 (147)	108%	SPK: 50
2037-26-5	Toluene-d8	48.1		70 (58) - 130 (134)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (29) - 130 (146)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	98500	7.707			
540-36-3	1,4-Difluorobenzene	175000	8.61			
3114-55-4	Chlorobenzene-d5	165000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	72900	13.347			

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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