

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/19/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/21/24	
Client Sample ID:	B-180-SB01		SDG No.:	P4471	
Lab Sample ID:	P4471-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	82.8	
Sample Wt/Vol:	8.32	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
VY019979.D	1		10/22/24 14:23	VY102224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	3.60	ug/Kg
74-87-3	Chloromethane	0.84	U	0.84	3.60	ug/Kg
75-01-4	Vinyl Chloride	0.56	U	0.56	3.60	ug/Kg
74-83-9	Bromomethane	0.75	U	0.75	3.60	ug/Kg
75-00-3	Chloroethane	0.73	U	0.73	3.60	ug/Kg
75-69-4	Trichlorofluoromethane	0.66	U	0.66	3.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.78	U	0.78	3.60	ug/Kg
75-35-4	1,1-Dichloroethene	0.57	U	0.57	3.60	ug/Kg
67-64-1	Acetone	4.50	U	4.50	18.1	ug/Kg
75-15-0	Carbon Disulfide	0.93	U	0.93	3.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.49	U	0.49	3.60	ug/Kg
79-20-9	Methyl Acetate	1.30	U	1.30	3.60	ug/Kg
75-09-2	Methylene Chloride	3.60	J	2.50	7.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.61	U	0.61	3.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.46	U	0.46	3.60	ug/Kg
110-82-7	Cyclohexane	0.50	U	0.50	3.60	ug/Kg
78-93-3	2-Butanone	4.10	U	4.10	18.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.63	U	0.63	3.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.44	U	0.44	3.60	ug/Kg
74-97-5	Bromochloromethane	1.80	U	1.80	3.60	ug/Kg
67-66-3	Chloroform	0.49	U	0.49	3.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.57	U	0.57	3.60	ug/Kg
108-87-2	Methylcyclohexane	0.75	J	0.63	3.60	ug/Kg
71-43-2	Benzene	0.52	U	0.52	3.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.44	U	0.44	3.60	ug/Kg
79-01-6	Trichloroethene	0.54	U	0.54	3.60	ug/Kg
78-87-5	1,2-Dichloropropane	0.48	U	0.48	3.60	ug/Kg
75-27-4	Bromodichloromethane	0.41	U	0.41	3.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.20	U	3.20	18.1	ug/Kg
108-88-3	Toluene	1.80	J	0.49	3.60	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	0.44	U	0.44	3.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.41	U	0.41	3.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.61	U	0.61	3.60	ug/Kg
591-78-6	2-Hexanone	3.50	U	3.50	18.1	ug/Kg
124-48-1	Dibromochloromethane	0.47	U	0.47	3.60	ug/Kg
106-93-4	1,2-Dibromoethane	0.57	U	0.57	3.60	ug/Kg
127-18-4	Tetrachloroethene	0.65	U	0.65	3.60	ug/Kg
108-90-7	Chlorobenzene	0.54	U	0.54	3.60	ug/Kg
100-41-4	Ethyl Benzene	0.45	U	0.45	3.60	ug/Kg
179601-23-1	m/p-Xylenes	2.00	J	0.98	7.30	ug/Kg
95-47-6	o-Xylene	0.85	J	0.51	3.60	ug/Kg
100-42-5	Styrene	0.44	U	0.44	3.60	ug/Kg
75-25-2	Bromoform	0.59	U	0.59	3.60	ug/Kg
98-82-8	Isopropylbenzene	0.49	U	0.49	3.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.80	U	0.80	3.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.54	U	0.54	3.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.58	U	0.58	3.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.43	U	0.43	3.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.10	U	1.10	3.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.57	U	0.57	3.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.57	U	0.57	3.60	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	55.9	70 (50) - 130 (163)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9	70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	51.1	70 (58) - 130 (134)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.6	70 (29) - 130 (146)	87%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	272000	7.707
540-36-3	1,4-Difluorobenzene	558000	8.616
3114-55-4	Chlorobenzene-d5	507000	11.414
3855-82-1	1,4-Dichlorobenzene-d4	178000	13.346

TENTATIVE IDENTIFIED COMPOUNDS

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95-63-6	1,2,4-Trimethylbenzene	2.30	J		13.0	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