

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	11/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/15/24	
Client Sample ID:	WB-310-TOP		SDG No.:	P4892	
Lab Sample ID:	P4892-01		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	59.8	
Sample Wt/Vol:	7.39	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
VY020395.D	1		11/21/24 18:27	VY112124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.90	U	1.90	5.70	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.70	ug/Kg
75-01-4	Vinyl Chloride	0.87	U	0.87	5.70	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.70	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	5.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.00	U	1.00	5.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.88	U	0.88	5.70	ug/Kg
67-64-1	Acetone	110		7.10	28.3	ug/Kg
75-15-0	Carbon Disulfide	7.20		1.40	5.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.76	U	0.76	5.70	ug/Kg
79-20-9	Methyl Acetate	2.00	U	2.00	5.70	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	5.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.71	U	0.71	5.70	ug/Kg
110-82-7	Cyclohexane	0.78	U	0.78	5.70	ug/Kg
78-93-3	2-Butanone	40.3		6.40	28.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.98	U	0.98	5.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.69	U	0.69	5.70	ug/Kg
74-97-5	Bromochloromethane	2.70	U	2.70	5.70	ug/Kg
67-66-3	Chloroform	0.76	U	0.76	5.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.88	U	0.88	5.70	ug/Kg
108-87-2	Methylcyclohexane	14.3		0.98	5.70	ug/Kg
71-43-2	Benzene	22.6		0.81	5.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.69	U	0.69	5.70	ug/Kg
79-01-6	Trichloroethene	0.85	U	0.85	5.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.75	U	0.75	5.70	ug/Kg
75-27-4	Bromodichloromethane	0.63	U	0.63	5.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.90	U	4.90	28.3	ug/Kg
108-88-3	Toluene	1.90	J	0.76	5.70	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	0.68	U	0.68	5.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.64	U	0.64	5.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.95	U	0.95	5.70	ug/Kg
591-78-6	2-Hexanone	5.40	U	5.40	28.3	ug/Kg
124-48-1	Dibromochloromethane	0.74	U	0.74	5.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.89	U	0.89	5.70	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	5.70	ug/Kg
108-90-7	Chlorobenzene	1.70	J	0.84	5.70	ug/Kg
100-41-4	Ethyl Benzene	1.20	J	0.70	5.70	ug/Kg
179601-23-1	m/p-Xylenes	11.5		1.50	11.3	ug/Kg
95-47-6	o-Xylene	17.2		0.79	5.70	ug/Kg
100-42-5	Styrene	0.68	U	0.68	5.70	ug/Kg
75-25-2	Bromoform	0.92	U	0.92	5.70	ug/Kg
98-82-8	Isopropylbenzene	1.50	J	0.76	5.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.90		0.84	5.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	6.10		0.91	5.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	J	0.67	5.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.89	U	0.89	5.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.88	U	0.88	5.70	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.0	70 (50) - 130 (163)	122%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7	70 (54) - 130 (147)	101%	SPK: 50
2037-26-5	Toluene-d8	48.9	70 (58) - 130 (134)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.9	70 (29) - 130 (146)	118%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	144000	7.713
540-36-3	1,4-Difluorobenzene	282000	8.616
3114-55-4	Chlorobenzene-d5	273000	11.414
3855-82-1	1,4-Dichlorobenzene-d4	113000	13.347

TENTATIVE IDENTIFIED COMPOUNDS

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000540-84-1	Pentane, 2,2,4-trimethyl-	30.0	J		8.25	ug/Kg
005911-04-6	Nonane, 3-methyl-	44.6	J		12.0	ug/Kg
	unknown12.127	46.4	J		12.1	ug/Kg
	unknown12.164	59.6	J		12.2	ug/Kg
	unknown12.499	53.2	J		12.5	ug/Kg
103-65-1	n-propylbenzene	1.50	J		12.6	ug/Kg
	unknown12.658	77.6	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	6.50	J		12.7	ug/Kg
002234-75-5	Cyclohexane, 1,2,4-trimethyl-	52.7	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	10.7	J		13.0	ug/Kg
013151-34-3	Decane, 3-methyl-	35.0	J		13.1	ug/Kg
135-98-8	sec-Butylbenzene	1.40	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	2.80	J		13.3	ug/Kg
104-51-8	n-Butylbenzene	1.60	J		13.6	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	53.1	J		14.2	ug/Kg
000767-99-7	Benzene, (1-methyl-1-propenyl)-, (	28.0	J		14.6	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