

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-TOP	SDG No.:	P4397
Lab Sample ID:	P4397-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	63.3
Sample Wt/Vol:	6.24 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
VY019890.D	1		10/14/24 14:31	VY101424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.10	U	2.10	6.30	ug/Kg
74-87-3	Chloromethane	1.50	U	1.50	6.30	ug/Kg
75-01-4	Vinyl Chloride	0.97	U	0.97	6.30	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.30	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	6.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	6.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.30	ug/Kg
75-35-4	1,1-Dichloroethene	0.99	U	0.99	6.30	ug/Kg
67-64-1	Acetone	120		7.90	31.6	ug/Kg
75-15-0	Carbon Disulfide	5.50	J	1.60	6.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.85	U	0.85	6.30	ug/Kg
79-20-9	Methyl Acetate	2.30	U	2.30	6.30	ug/Kg
75-09-2	Methylene Chloride	4.30	U	4.30	12.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	6.30	ug/Kg
110-82-7	Cyclohexane	0.87	U	0.87	6.30	ug/Kg
78-93-3	2-Butanone	36.3		7.20	31.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	6.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.77	U	0.77	6.30	ug/Kg
74-97-5	Bromochloromethane	3.10	U	3.10	6.30	ug/Kg
67-66-3	Chloroform	0.85	U	0.85	6.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	6.30	ug/Kg
108-87-2	Methylcyclohexane	3.70	J	1.10	6.30	ug/Kg
71-43-2	Benzene	0.91	U	0.91	6.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.77	U	0.77	6.30	ug/Kg
79-01-6	Trichloroethene	0.95	U	0.95	6.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.84	U	0.84	6.30	ug/Kg
75-27-4	Bromodichloromethane	0.71	U	0.71	6.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.50	U	5.50	31.6	ug/Kg
108-88-3	Toluene	0.85	U	0.85	6.30	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	0.76	U	0.76	6.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.72	U	0.72	6.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.30	ug/Kg
591-78-6	2-Hexanone	6.10	U	6.10	31.6	ug/Kg
124-48-1	Dibromochloromethane	0.82	U	0.82	6.30	ug/Kg
106-93-4	1,2-Dibromoethane	1.00	U	1.00	6.30	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	6.30	ug/Kg
108-90-7	Chlorobenzene	0.94	U	0.94	6.30	ug/Kg
100-41-4	Ethyl Benzene	3.70	J	0.78	6.30	ug/Kg
179601-23-1	m/p-Xylenes	3.10	J	1.70	12.7	ug/Kg
95-47-6	o-Xylene	8.50		0.89	6.30	ug/Kg
100-42-5	Styrene	0.76	U	0.76	6.30	ug/Kg
75-25-2	Bromoform	1.00	U	1.00	6.30	ug/Kg
98-82-8	Isopropylbenzene	17.6		0.85	6.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	6.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.94	U	0.94	6.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.00	U	1.00	6.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.75	U	0.75	6.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	6.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1.00	6.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.99	U	0.99	6.30	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	63.1	70 (50) - 130 (163)	126%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8	70 (54) - 130 (147)	104%	SPK: 50
2037-26-5	Toluene-d8	50.7	70 (58) - 130 (134)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.9	70 (29) - 130 (146)	88%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	258000	7.713
540-36-3	1,4-Difluorobenzene	523000	8.616
3114-55-4	Chlorobenzene-d5	477000	11.414
3855-82-1	1,4-Dichlorobenzene-d4	164000	13.347

TENTATIVE IDENTIFIED COMPOUNDS

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108-20-3	Diisopropyl ether	1.60	J		6.03	ug/Kg
103-65-1	n-propylbenzene	3.40	J		12.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	10.5	J		12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	33.0	J		13.0	ug/Kg
135-98-8	sec-Butylbenzene	1.40	J		13.2	ug/Kg
99-87-6	p-Isopropyltoluene	11.7	J		13.3	ug/Kg
004439-45-6	Benzene, 1,1-(1,5-hexadiene-1,6-d	130	J		13.5	ug/Kg
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	70.2	J		13.6	ug/Kg
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	100	J		13.9	ug/Kg
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	130	J		14.0	ug/Kg
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	140	J		14.6	ug/Kg
002177-47-1	2-Methylindene	74.2	J		14.7	ug/Kg
000767-59-9	1H-Indene, 1-methyl-	83.6	J		14.7	ug/Kg
004489-84-3	Benzene, (3-methyl-2-butenyl)-	130	J		14.9	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