

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-BOT	SDG No.:	P4397
Lab Sample ID:	P4397-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	76
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139976.D	1	10/14/24 10:40	10/23/24 20:51	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	240	U	240	430	ug/Kg
108-95-2	Phenol	110	U	110	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	220	ug/Kg
95-48-7	2-Methylphenol	110	U	110	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	220	ug/Kg
98-86-2	Acetophenone	110	U	110	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.0	U	53.0	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
78-59-1	Isophorone	110	U	110	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99.3	U	99.3	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
106-47-8	4-Chloroaniline	110	UQ	110	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	220	ug/Kg
105-60-2	Caprolactam	110	U	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	UQ	210	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.9	U	93.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.3	U	97.3	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	220	ug/Kg

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208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	220	ug/Kg
99-09-2	3-Nitroaniline	120	UQ	120	220	ug/Kg
83-32-9	Acenaphthene	140	J	110	220	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	UQ	150	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
1912-24-9	Atrazine	120	U	120	220	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	430	ug/Kg
85-01-8	Phenanthrene	330		110	220	ug/Kg
120-12-7	Anthracene	110	J	110	220	ug/Kg
86-74-8	Carbazole	110	U	110	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	150	J	110	220	ug/Kg
129-00-0	Pyrene	130	J	110	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	220	ug/Kg
218-01-9	Chrysene	100	U	100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	220	ug/Kg

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207-08-9	Benzo(k)fluoranthene	110	U	110	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.2	U	98.2	220	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	113		30 (18) - 130 (112)	76%	SPK: 150
13127-88-3	Phenol-d6	108		30 (15) - 130 (107)	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.8		30 (18) - 130 (107)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.6		30 (20) - 130 (109)	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	102		30 (10) - 130 (116)	68%	SPK: 150
1718-51-0	Terphenyl-d14	57.6		30 (10) - 130 (105)	58%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	146000	6.893
1146-65-2	Naphthalene-d8	542000	8.169
15067-26-2	Acenaphthene-d10	263000	9.922
1517-22-2	Phenanthrene-d10	381000	11.41
1719-03-5	Chrysene-d12	321000	14.051
1520-96-3	Perylene-d12	307000	15.527

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	4000	JB	2.22	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB	5.12	ug/Kg
000544-76-3	Hexadecane	91.6	J	9.32	ug/Kg
000581-40-8	Naphthalene, 2,3-dimethyl-	110	J	9.58	ug/Kg
000629-92-5	Nonadecane	91.2	J	10.4	ug/Kg
000119-61-9	Benzophenone	690	J	10.6	ug/Kg
013187-99-0	2-Bromo dodecane	110	J	10.8	ug/Kg

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000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	96.9	J		10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	340	J		11.9	ug/Kg
	unknown12.022	150	J		12.0	ug/Kg
	unknown12.498	100	J		12.5	ug/Kg
959085-66-6	Heptadecyl heptafluorobutyrate	160	J		13.9	ug/Kg
015600-08-5	Cholestan-3-one	100	J		16.5	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