

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-TOP	SDG No.:	P4460
Lab Sample ID:	P4460-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	51.5
Sample Wt/Vol:	30.01 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
BF140068.D	1	10/21/24 09:28	10/26/24 19:09	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	640	ug/Kg
108-95-2	Phenol	160	U	160	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	U	160	330	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	330	ug/Kg
95-48-7	2-Methylphenol	160	U	160	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	330	ug/Kg
98-86-2	Acetophenone	170	U	170	330	ug/Kg
65794-96-9	3+4-Methylphenols	150	U	150	640	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.2	U	78.2	160	ug/Kg
67-72-1	Hexachloroethane	160	U	160	330	ug/Kg
98-95-3	Nitrobenzene	180	U	180	330	ug/Kg
78-59-1	Isophorone	160	U	160	330	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	330	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	180	330	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	330	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	330	ug/Kg
91-20-3	Naphthalene	160	U	160	330	ug/Kg
106-47-8	4-Chloroaniline	160	UQ	160	330	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	330	ug/Kg
105-60-2	Caprolactam	170	U	170	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	330	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	UQ	300	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	330	ug/Kg
92-52-4	1,1-Biphenyl	170	U	170	330	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	330	ug/Kg
88-74-4	2-Nitroaniline	180	U	180	330	ug/Kg
131-11-3	Dimethylphthalate	160	U	160	330	ug/Kg

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208-96-8	Acenaphthylene	170	U	170	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	330	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	330	ug/Kg
83-32-9	Acenaphthene	160	U	160	330	ug/Kg
51-28-5	2,4-Dinitrophenol	470	U	470	640	ug/Kg
100-02-7	4-Nitrophenol	230	U	230	640	ug/Kg
132-64-9	Dibenzofuran	160	U	160	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	170	330	ug/Kg
84-66-2	Diethylphthalate	160	U	160	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	170	330	ug/Kg
86-73-7	Fluorene	170	U	170	330	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	640	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	U	160	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	330	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	330	ug/Kg
1912-24-9	Atrazine	180	U	180	330	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	640	ug/Kg
85-01-8	Phenanthrene	160	U	160	330	ug/Kg
120-12-7	Anthracene	160	U	160	330	ug/Kg
86-74-8	Carbazole	160	U	160	330	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	330	ug/Kg
206-44-0	Fluoranthene	210	J	160	330	ug/Kg
129-00-0	Pyrene	290	J	160	330	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	640	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	160	330	ug/Kg
218-01-9	Chrysene	160	J	150	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	330	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	330	ug/Kg

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207-08-9	Benzo(k)fluoranthene	160	U	160	330	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	180	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	330	ug/Kg
123-91-1	1,4-Dioxane	210	U	210	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	330	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	84.0		30 (18) - 130 (112)	56%	SPK: 150
13127-88-3	Phenol-d6	82.9		30 (15) - 130 (107)	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.6		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.1		30 (20) - 130 (109)	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.2		30 (10) - 130 (116)	55%	SPK: 150
1718-51-0	Terphenyl-d14	54.1		30 (10) - 130 (105)	54%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	142000	6.886
1146-65-2	Naphthalene-d8	555000	8.169
15067-26-2	Acenaphthene-d10	315000	9.922
1517-22-2	Phenanthrene-d10	503000	11.41
1719-03-5	Chrysene-d12	252000	14.045
1520-96-3	Perylene-d12	283000	15.527

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	4000	JB	2.20	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	AB	5.12	ug/Kg
000119-61-9	Benzophenone	270	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	380	J	11.9	ug/Kg
	unknown12.021	270	J	12.0	ug/Kg
025276-70-4	1-Pentadecanethiol	140	J	13.9	ug/Kg
	unknown17.286	180	J	17.3	ug/Kg

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006831-17-0	2H-Cyclopropa[a]naphthalen-2-one,	140	J		17.9	ug/Kg
000638-96-0	.alpha.-Amyrone	760	J		18.2	ug/Kg
058801-23-3	Hop-22(29)-en-3.beta.-ol	330	J		18.5	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