

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-BOT-1	SDG No.:	P4578
Lab Sample ID:	P4578-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 1:21	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.06	mg/kg	FC067579.D
Aliphatic C12-C16	Aliphatic C12-C16	1.95		1	0.25	0.70	mg/kg	FC067579.D
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	1	0.32	1.06	mg/kg	FC067579.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	J	1	0.85	1.41	mg/kg	FC067579.D
Aliphatic C28-C40	Aliphatic C28-C40	1.90	U	1	1.90	2.11	mg/kg	FC067579.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FD048632.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.06	mg/kg	FD048632.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.76	mg/kg	FD048632.D
Aromatic C21-C36	Aromatic C21-C36	2.11	U	1	2.11	2.82	mg/kg	FD048632.D
Total AliphaticEPH	Total AliphaticEPH	3.72	U		3.72	6.34	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.80	U		3.80	6.34	mg/kg	
Total EPH	Total EPH	7.51	U		7.51	12.7	mg/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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067579.D	1	10/30/24	10/31/24	PB164525

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.95		0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	0.32	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.89	J	0.85	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.90	U	1.90	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.6		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4578-07	Acq On:	31 Oct 2024 01:21
Client Sample ID:	WB-305-BOT-1	Operator:	YP/AJ
Data file:	FC067579.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.174	6.453	680358	5.022	300	ug/ml
Aliphatic C12-C16	6.454	9.842	3648617	27.708	200	ug/ml
Aliphatic C16-C21	9.843	13.199	621108	4.882	300	ug/ml
Aliphatic C21-C28	13.200	16.852	1518789	12.647	400	ug/ml
Aliphatic C28-C40	16.853	21.694	2374621	23.489	600	ug/ml
Aliphatic EPH	3.174	21.694	8843493	73.748		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	3849518	35.65		ug/ml
Aliphatic C9-C28	3.174	16.852	6468872	50.259	1200	ug/ml