

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/27/25 13:10	02/28/25 12:50	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	1	0.43	1.13	mg/kg	FC068325.D
Aliphatic C12-C16	Aliphatic C12-C16	0.83		1	0.27	0.75	mg/kg	FC068325.D
Aliphatic C16-C21	Aliphatic C16-C21	0.48	J	1	0.34	1.13	mg/kg	FC068325.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	1	0.90	1.50	mg/kg	FC068325.D
Aliphatic C28-C40	Aliphatic C28-C40	2.38		1	2.03	2.26	mg/kg	FC068325.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.75	mg/kg	FD049133.D
Aromatic C12-C16	Aromatic C12-C16	0.55	J	1	0.38	1.13	mg/kg	FD049133.D
Aromatic C16-C21	Aromatic C16-C21	2.57		1	1.08	1.88	mg/kg	FD049133.D
Aromatic C21-C36	Aromatic C21-C36	3.40		1	2.26	3.01	mg/kg	FD049133.D
Total AliphaticEPH	Total AliphaticEPH	4.64	J		3.97	6.77	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.51	J		4.06	6.77	mg/kg	
Total EPH	Total EPH	11.2	J		8.03	13.5	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

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068325.D	1	02/27/25	02/28/25	PB166923

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.5		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1415-01	Acq On:	28 Feb 2025 12:50
Client Sample ID:	B-163-SB01	Operator:	YP/AJ
Data file:	FC068325.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	654794	4.643	300	ug/ml
Aliphatic C12-C16	6.370	9.754	1499637	10.974	200	ug/ml
Aliphatic C16-C21	9.755	13.107	831398	6.316	300	ug/ml
Aliphatic C21-C28	13.108	16.761	1571550	12.809	400	ug/ml
Aliphatic C28-C40	16.762	21.565	3260834	31.706	600	ug/ml
Aliphatic EPH	3.104	21.565	7818213	66.448		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	5678401	50.49		ug/ml
Aliphatic C9-C28	3.104	16.761	4557379	34.742	1200	ug/ml