

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB02	SDG No.:	Q2177
Lab Sample ID:	Q2177-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	62.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/11/25 08:45	06/12/25 14:21	PB168408

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.58	J	1	0.22	1.59	mg/kg	FC069186.D
Aliphatic C12-C16	Aliphatic C12-C16	0.82	J	1	0.18	1.06	mg/kg	FC069186.D
Aliphatic C16-C21	Aliphatic C16-C21	0.91	J	1	0.21	1.59	mg/kg	FC069186.D
Aliphatic C21-C28	Aliphatic C21-C28	2.31		1	0.84	2.12	mg/kg	FC069186.D
Aliphatic C28-C40	Aliphatic C28-C40	2.32	J	1	1.88	3.18	mg/kg	FC069186.D
Aromatic C10-C12	Aromatic C10-C12	0.74	J	1	0.19	1.06	mg/kg	FD049460.D
Aromatic C12-C16	Aromatic C12-C16	0.58	J	1	0.37	1.59	mg/kg	FD049460.D
Aromatic C16-C21	Aromatic C16-C21	7.19		1	0.64	2.65	mg/kg	FD049460.D
Aromatic C21-C36	Aromatic C21-C36	5.81		1	1.89	4.24	mg/kg	FD049460.D
Total AliphaticEPH	Total AliphaticEPH	6.95	J		3.33	9.54	mg/kg	
Total AromaticEPH	Total AromaticEPH	14.3			3.08	9.54	mg/kg	
Total EPH	Total EPH	21.3			6.41	19.1	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069186.D	1	06/11/25	06/12/25	PB168408

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.6		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2177-04	Acq On:	12 Jun 2025 14:21
Client Sample ID:	B-187-SB02	Operator:	YP/AJ
Data file:	FC069186.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.606	575906	5.448	300	ug/ml
Aliphatic C12-C16	6.607	10.010	791129	7.757	200	ug/ml
Aliphatic C16-C21	10.011	13.380	843112	8.615	300	ug/ml
Aliphatic C21-C28	13.381	17.048	2042466	21.774	400	ug/ml
Aliphatic C28-C40	17.049	22.036	2065583	21.872	600	ug/ml
Aliphatic EPH	3.305	22.036	6318196	65.466		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	2742024	30.56		ug/ml
Aliphatic C9-C28	3.305	17.048	4252613	43.594	1200	ug/ml