

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	B-187-SB01MSD	SDG No.:	Q2198
Lab Sample ID:	Q2177-02MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.04 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	06/11/25 22:50	PB168408

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	7.51		1	0.17	1.19	mg/kg FC069166.D
Aliphatic C12-C16	Aliphatic C12-C16	9.32		1	0.13	0.79	mg/kg FC069166.D
Aliphatic C16-C21	Aliphatic C16-C21	8.85		1	0.15	1.19	mg/kg FC069166.D
Aliphatic C21-C28	Aliphatic C21-C28	16.7		1	0.63	1.58	mg/kg FC069166.D
Aliphatic C28-C40	Aliphatic C28-C40	22.3		1	1.40	2.37	mg/kg FC069166.D
Aromatic C10-C12	Aromatic C10-C12	2.73		1	0.14	0.79	mg/kg FD049485.D
Aromatic C12-C16	Aromatic C12-C16	4.61		1	0.27	1.19	mg/kg FD049485.D
Aromatic C16-C21	Aromatic C16-C21	10.6		1	0.47	1.98	mg/kg FD049485.D
Aromatic C21-C36	Aromatic C21-C36	15.8		1	1.41	3.16	mg/kg FD049485.D
Total AliphaticEPH	Total AliphaticEPH	64.7			2.48	7.12	mg/kg
Total AromaticEPH	Total AromaticEPH	33.7			2.30	7.12	mg/kg
Total EPH	Total EPH	98.4			4.78	14.2	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
FC069166.D	1	06/11/25	06/11/25	PB168408

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Aliphatic C16-C21	Aliphatic C16-C21	8.85		0.15	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.7		0.63	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.3		1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	68.0		40 - 140	136%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2177-02MSD	Acq On:	11 Jun 2025 22:50
Client Sample ID:	B-187-SB01MSD	Operator:	YP/AJ
Data file:	FC069166.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.605	10039489	94.965	300	ug/ml
Aliphatic C12-C16	6.606	10.010	12019786	117.858	200	ug/ml
Aliphatic C16-C21	10.011	13.380	10951250	111.902	300	ug/ml
Aliphatic C21-C28	13.381	17.048	19867548	211.799	400	ug/ml
Aliphatic C28-C40	17.049	22.033	26623937	281.917	600	ug/ml
Aliphatic EPH	3.303	22.033	79502010	818.44		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.118	13.118	6098846	67.98		ug/ml
Aliphatic C9-C28	3.303	17.048	52878073	536.524	1200	ug/ml