

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	B-149-SB01MSD	SDG No.:	Q1744
Lab Sample ID:	Q1746-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053266.D	1	04/08/25	04/09/25	PB167513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.95		0.16	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	10.2		0.12	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	12.5		0.14	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	14.5		0.59	1.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.0		1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.2		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1746-01MSD	Acq On:	09 Apr 2025 07:39
Client Sample ID:	B-149-SB01MSD	Operator:	YP\AJ
Data file:	FE053266.D	Misc:	
Instrument:	FID_E	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.139	6.782	12455546	79.827	300	ug/ml
Aliphatic C12-C16	6.783	10.234	21068852	137.139	200	ug/ml
Aliphatic C16-C21	10.235	13.613	24249234	168.004	300	ug/ml
Aliphatic C21-C28	13.614	17.285	26153809	194.673	400	ug/ml
Aliphatic C28-C40	17.286	22.199	40092944	322.662	600	ug/ml
Aliphatic EPH	3.139	22.199	124020385	902.305		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	5422250	45.17		ug/ml
Aliphatic C9-C28	3.139	17.285	83927441	579.643	1200	ug/ml