

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167513BSD	SDG No.:	Q1744
Lab Sample ID:	PB167513BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053260.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	6.25		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.72		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.82		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	13.5		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	23.3		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.5		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167513BSD	Acq On:	09 Apr 2025 04:39
Client Sample ID:	PB167513BSD	Operator:	YP\AJ
Data file:	FE053260.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.139	6.782	14637882	93.813	300	ug/ml
Aliphatic C12-C16	6.783	10.234	13177878	85.776	200	ug/ml
Aliphatic C16-C21	10.235	13.613	21263353	147.317	300	ug/ml
Aliphatic C21-C28	13.614	17.285	27248465	202.821	400	ug/ml
Aliphatic C28-C40	17.286	22.199	43399331	349.272	600	ug/ml
Aliphatic EPH	3.139	22.199	119726909	878.999		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	6295756	52.45		ug/ml
Aliphatic C9-C28	3.139	17.285	76327578	529.727	1200	ug/ml