

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167513BS	SDG No.:	Q1744
Lab Sample ID:	PB167513BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053259.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	6.61		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.03		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	10.4		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	14.3		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	58.1		40 - 140	116%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167513BS	Acq On:	09 Apr 2025 04:09
Client Sample ID:	PB167513BS	Operator:	YP\AJ
Data file:	FE053259.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.139	6.782	15496117	99.314	300	ug/ml
Aliphatic C12-C16	6.783	10.234	13911656	90.552	200	ug/ml
Aliphatic C16-C21	10.235	13.613	22486041	155.788	300	ug/ml
Aliphatic C21-C28	13.614	17.285	28858429	214.804	400	ug/ml
Aliphatic C28-C40	17.286	22.199	51098371	411.233	600	ug/ml
Aliphatic EPH	3.139	22.199	131850614	971.691		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	6971112	58.07		ug/ml
Aliphatic C9-C28	3.139	17.285	80752243	560.458	1200	ug/ml