

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166218BS	SDG No.:	Q1194
Lab Sample ID:	PB166218BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015184.D	1	01/28/25	01/28/25	PB166218

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.72		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	6.16		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	11.2		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.1		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.5		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.7		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166218BS	Acq On:	28 Jan 2025 16:20
Client Sample ID:	PB166218BS	Operator:	YP\AJ
Data file:	FG015184.D	Misc:	
Instrument:	FID_G	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.178	6.820	13399408	100.832	300	ug/ml
Aliphatic C12-C16	6.821	10.273	13046289	92.389	200	ug/ml
Aliphatic C16-C21	10.274	13.656	24368059	168.615	300	ug/ml
Aliphatic C21-C28	13.657	17.330	31064529	227.233	400	ug/ml
Aliphatic C28-C40	17.331	22.272	40438634	382.976	600	ug/ml
Aliphatic EPH	3.178	22.272	122316919	972.046		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.386	13.386	5562109	45.68		ug/ml
Aliphatic C9-C28	3.178	17.330	81878285	589.069	1200	ug/ml