

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	B-110-SB01MS	SDG No.:	Q1194
Lab Sample ID:	Q1194-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015191.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	8.38	0.43	1.13	mg/kg
	Aliphatic C12-C16	Aliphatic C12-C16	7.50	0.27	0.75	mg/kg
	Aliphatic C16-C21	Aliphatic C16-C21	11.2	0.34	1.13	mg/kg
	Aliphatic C21-C28	Aliphatic C21-C28	14.6	0.90	1.51	mg/kg
	Aliphatic C28-C40	Aliphatic C28-C40	24.3	2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.8		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1194-01MS	Acq On:	28 Jan 2025 19:40
Client Sample ID:	B-110-SB01MS	Operator:	YP\AJ
Data file:	FG015191.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.178	6.820	14792599	111.316	300	ug/ml
Aliphatic C12-C16	6.821	10.273	14065783	99.609	200	ug/ml
Aliphatic C16-C21	10.274	13.656	21464089	148.521	300	ug/ml
Aliphatic C21-C28	13.657	17.330	26422998	193.281	400	ug/ml
Aliphatic C28-C40	17.331	22.272	34019941	322.188	600	ug/ml
Aliphatic EPH	3.178	22.272	110765410	874.915		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.385	13.385	4847143	39.81		ug/ml
Aliphatic C9-C28	3.178	17.330	76745469	552.727	1200	ug/ml