

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	B-110-SB01MSD	SDG No.:	Q1194
Lab Sample ID:	Q1194-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015192.D	1	01/28/25	01/28/25	PB166218

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	8.23		0.43	1.13	mg/kg
	Aliphatic C12-C16	7.39		0.27	0.75	mg/kg
	Aliphatic C16-C21	11.1		0.34	1.13	mg/kg
	Aliphatic C21-C28	14.5		0.90	1.51	mg/kg
	Aliphatic C28-C40	24.5		2.04	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1194-01MSD	Acq On:	28 Jan 2025 20:08
Client Sample ID:	B-110-SB01MSD	Operator:	YP\AJ
Data file:	FG015192.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.178	6.820	14513284	109.214	300	ug/ml
Aliphatic C12-C16	6.821	10.273	13835543	97.979	200	ug/ml
Aliphatic C16-C21	10.274	13.656	21260708	147.114	300	ug/ml
Aliphatic C21-C28	13.657	17.330	26335525	192.641	400	ug/ml
Aliphatic C28-C40	17.331	22.272	34291567	324.76	600	ug/ml
Aliphatic EPH	3.178	22.272	110236627	871.708		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.384	13.384	4747788	38.99		ug/ml
Aliphatic C9-C28	3.178	17.330	75945060	546.948	1200	ug/ml