

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-113-SB01	SDG No.:	Q1194
Lab Sample ID:	Q1194-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015194.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	0.44	U	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.56	J	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	2.78		0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.8		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1194-03	Acq On:	28 Jan 2025 21:05
Client Sample ID:	B-113-SB01	Operator:	YP\AJ
Data file:	FG015194.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.178	6.820	414680	3.121	300	ug/ml
Aliphatic C12-C16	6.821	10.273	1038349	7.353	200	ug/ml
Aliphatic C16-C21	10.274	13.656	5241753	36.27	300	ug/ml
Aliphatic C21-C28	13.657	17.330	604974	4.425	400	ug/ml
Aliphatic C28-C40	17.331	22.272	1486162	14.075	600	ug/ml
Aliphatic EPH	3.178	22.272	8785918	65.244		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.385	13.385	4607301	37.84		ug/ml
Aliphatic C9-C28	3.178	17.330	7299756	51.169	1200	ug/ml