

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S01	SDG No.:	Q2832
Lab Sample ID:	Q2832-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
FE055474.D	1	08/21/25	08/25/25	PB169364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.34	J	0.15	1.07	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.44		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.97	J	0.14	1.07	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	2.00		0.57	1.43	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	39.0		1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	60.5		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2832-01	Acq On:	25 Aug 2025 09:53
Client Sample ID:	TG-S01	Operator:	YP\AJ
Data file:	FE055474.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.318	6.954	562234	4.814	300	ug/ml
Aliphatic C12-C16	6.955	10.408	2524196	20.157	200	ug/ml
Aliphatic C16-C21	10.409	13.788	1725157	13.648	300	ug/ml
Aliphatic C21-C28	13.789	17.461	3382679	28.071	400	ug/ml
Aliphatic C28-C40	17.462	22.488	62395141	547.387	600	ug/ml
Aliphatic EPH	3.318	22.488	70589407	614.077		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	6506417	60.51		ug/ml
Aliphatic C9-C28	3.318	17.461	8194266	66.69	1200	ug/ml