

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-S03	SDG No.:	Q2832
Lab Sample ID:	Q2832-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055476.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	0.62	J	0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.98		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.94	J	0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.87		0.56	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.6		1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	68.5		40 - 140	137%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2832-05	Acq On:	25 Aug 2025 10:53
Client Sample ID:	TG-S03	Operator:	YP\AJ
Data file:	FE055476.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.318	6.954	1021248	8.745	300	ug/ml
Aliphatic C12-C16	6.955	10.408	1729389	13.81	200	ug/ml
Aliphatic C16-C21	10.409	13.788	1664343	13.167	300	ug/ml
Aliphatic C21-C28	13.789	17.461	3172595	26.327	400	ug/ml
Aliphatic C28-C40	17.462	22.488	58837846	516.179	600	ug/ml
Aliphatic EPH	3.318	22.488	66425421	578.228		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	7366700	68.51		ug/ml
Aliphatic C9-C28	3.318	17.461	7587575	62.049	1200	ug/ml