

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-S02	SDG No.:	Q2832
Lab Sample ID:	Q2832-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
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
FE055475.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	0.51	J	0.15	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.79		0.12	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.67	J	0.14	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.95	J	0.56	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.7		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.7		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2832-03	Acq On:	25 Aug 2025 10:23
Client Sample ID:	TG-S02	Operator:	YP\AJ
Data file:	FE055475.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.318	6.954	840958	7.201	300	ug/ml
Aliphatic C12-C16	6.955	10.408	1394164	11.133	200	ug/ml
Aliphatic C16-C21	10.409	13.788	1188907	9.406	300	ug/ml
Aliphatic C21-C28	13.789	17.461	1622151	13.461	400	ug/ml
Aliphatic C28-C40	17.462	22.488	20498638	179.833	600	ug/ml
Aliphatic EPH	3.318	22.488	25544818	221.034		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	5450147	50.69		ug/ml
Aliphatic C9-C28	3.318	17.461	5046180	41.201	1200	ug/ml