

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB02	SDG No.:	Q1746
Lab Sample ID:	Q1746-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
FD049278.D	1	04/08/25	04/10/25	PB167513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.51	J	0.14	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.55	J	0.27	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.84		0.47	1.96	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.28	J	1.40	3.14	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	39.4		40 - 140	79%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.7		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1746-03	Acq On:	10 Apr 2025 20:21
Client Sample ID:	B-149-SB02	Operator:	YP/AJ
Data file:	FD049278.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.440	6.185	1022562	6.522	200	ug/ml
Aromatic C12-C16	6.186	8.813	1185906	6.967	300	ug/ml
Aromatic C16-C21	8.814	13.102	8214518	48.983	500	ug/ml
Aromatic C21-C36	13.103	18.519	4014322	29.06	800	ug/ml
Aromatic EPH	4.440	18.519	14437308	91.531		ug/ml
2-Bromonaphthalene (SURR)	7.750	7.750	5841715	39.44		ug/ml
2-Fluorobiphenyl (SURR)	8.614	8.614	3261837	31.98		ug/ml
ortho-Terphenyl (SURR)	11.658	11.658	7525191	42.71		ug/ml