

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-167-SB02	SDG No.:	Q1901
Lab Sample ID:	Q1901-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	53.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049328.D	1	05/07/25	05/08/25	PB167903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.51	J	0.23	1.25	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.65	J	0.43	1.88	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.65		0.75	3.13	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.46	J	2.24	5.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.7		40 - 140	107%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	36.9		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.7		40 - 140	81%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1901-04	Acq On:	08 May 2025 19:09
Client Sample ID:	B-167-SB02	Operator:	YP/AJ
Data file:	FD049328.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.431	6.176	522195	4.063	200	ug/ml
Aromatic C12-C16	6.177	8.805	708194	5.218	300	ug/ml
Aromatic C16-C21	8.806	13.095	3817305	29.113	500	ug/ml
Aromatic C21-C36	13.0956	18.515	3237785	27.59	800	ug/ml
Aromatic EPH	4.431	18.515	8285479	65.983		ug/ml
2-Bromonaphthalene (SURRE)	7.742	7.742	6364997	53.68		ug/ml
2-Fluorobiphenyl (SURRE)	8.605	8.605	2914629	36.91		ug/ml
ortho-Terphenyl (SURRE)	11.651	11.651	5613078	40.67		ug/ml