

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-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.6
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
FD049326.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	0.37	J	0.14	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.63	J	0.28	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.47		0.48	2.01	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.76		1.44	3.22	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.9		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.0		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	57.2		40 - 140	114%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1901-02	Acq On:	08 May 2025 17:53
Client Sample ID:	B-167-SB01	Operator:	YP/AJ
Data file:	FD049326.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.431	6.176	587495	4.571	200	ug/ml
Aromatic C12-C16	6.177	8.805	1056316	7.783	300	ug/ml
Aromatic C16-C21	8.806	13.095	8915470	67.995	500	ug/ml
Aromatic C21-C36	13.0956	18.515	5479238	46.69	800	ug/ml
Aromatic EPH	4.431	18.515	16038519	127.038		ug/ml
2-Bromonaphthalene (SURRE)	7.741	7.741	5920352	49.93		ug/ml
2-Fluorobiphenyl (SURRE)	8.606	8.606	3946659	49.98		ug/ml
ortho-Terphenyl (SURRE)	11.653	11.653	7896457	57.21		ug/ml