

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-163-SB02	SDG No.:	Q1415
Lab Sample ID:	Q1415-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	72.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049135.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.41	U	0.41	0.92	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.00		0.47	1.38	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.02	J	1.32	2.30	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.87	J	2.76	3.68	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.7		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.1		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.3		40 - 140	79%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-03	Acq On:	28 Feb 2025 14:03
Client Sample ID:	B-163-SB02	Operator:	YP/AJ
Data file:	FD049135.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	4.076	5.794	436225	2.743	200	ug/ml
Aromatic C12-C16	5.795	8.396	5257060	32.666	300	ug/ml
Aromatic C16-C21	8.397	12.661	3364506	21.939	500	ug/ml
Aromatic C21-C36	12.662	18.073	4463401	31.188	800	ug/ml
Aromatic EPH	4.076	18.073	13521192	88.535		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6363238	39.33		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	7538273	52.67		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	4320522	49.15		ug/ml