

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-172-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
FD049134.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	0.35	U	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.41	J	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.32	J	1.11	1.92	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.31	U	2.31	3.07	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.2		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.0		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.9		40 - 140	80%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-02	Acq On:	28 Feb 2025 13:26
Client Sample ID:	B-172-SB01	Operator:	YP/AJ
Data file:	FD049134.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	431662	2.715	200	ug/ml
Aromatic C12-C16	5.795	8.396	865079	5.375	300	ug/ml
Aromatic C16-C21	8.397	12.661	2625310	17.119	500	ug/ml
Aromatic C21-C36	12.662	18.073	3900889	27.257	800	ug/ml
Aromatic EPH	4.076	18.073	7822940	52.466		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6456380	39.91		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	6756272	47.21		ug/ml
2-Fluorobiphenyl (SURR)	8.203	8.203	3783597	43.04		ug/ml