

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-SB01	SDG No.:	Q1415
Lab Sample ID:	Q1415-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049133.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	0.34	U	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.55	J	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.57		1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.40		2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.3		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.1		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.2		40 - 140	102%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-01	Acq On:	28 Feb 2025 12:50
Client Sample ID:	B-163-SB01	Operator:	YP/AJ
Data file:	FD049133.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	639802	4.023	200	ug/ml
Aromatic C12-C16	5.795	8.396	1166774	7.25	300	ug/ml
Aromatic C16-C21	8.397	12.661	5246823	34.213	500	ug/ml
Aromatic C21-C36	12.662	18.073	6465271	45.175	800	ug/ml
Aromatic EPH	4.076	18.073	13518670	90.661		ug/ml
ortho-Terphenyl (SURR)	11.236	11.236	8287576	51.23		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	7340019	51.29		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	4052606	46.1		ug/ml