

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.7
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
FF015637.D	1	03/10/25	03/10/25	PB167058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	U	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.60	J	0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.61		1.12	1.94	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.75	J	2.33	3.11	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.0		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.9		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.4		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-05	Acq On:	10 Mar 2025 20:42
Client Sample ID:	ENV-102-SB01	Operator:	YP\AJ
Data file:	FF015637.D	Misc:	
Instrument:	FID_F	ALS Vial:	79
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	261984	2.041	200	ug/ml
Aromatic C12-C16	6.378	9.069	1046657	7.651	300	ug/ml
Aromatic C16-C21	9.070	13.390	6180335	46.455	500	ug/ml
Aromatic C21-C36	13.391	18.845	4602180	35.386	800	ug/ml
Aromatic EPH	4.505	18.845	12091156	91.533		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	6672885	45.36		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6512903	55.95		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3908861	54.88		ug/ml