

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-104-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015639.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	0.36	U	0.36	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.76	J	0.41	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.84		1.16	2.02	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.72		2.42	3.22	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.3		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.1		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.5		40 - 140	95%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-09	Acq On:	10 Mar 2025 21:41
Client Sample ID:	ENV-104-SB01	Operator:	YP\AJ
Data file:	FF015639.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	575436	4.483	200	ug/ml
Aromatic C12-C16	6.378	9.069	1280754	9.362	300	ug/ml
Aromatic C16-C21	9.070	13.390	6340740	47.661	500	ug/ml
Aromatic C21-C36	13.391	18.845	6003199	46.159	800	ug/ml
Aromatic EPH	4.505	18.845	14200129	107.665		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	6986134	47.49		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	5743878	49.34		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3641411	51.12		ug/ml