

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-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.1
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
FF015640.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	0.37	U	0.37	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.42	U	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.18	U	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.46	U	2.46	3.28	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.5		40 - 140	107%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.5		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-11	Acq On:	10 Mar 2025 22:10
Client Sample ID:	ENV-104-SB02	Operator:	YP\AJ
Data file:	FF015640.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	0	0	200	ug/ml
Aromatic C12-C16	6.378	9.069	0	0	300	ug/ml
Aromatic C16-C21	9.070	13.390	1658092	12.463	500	ug/ml
Aromatic C21-C36	13.391	18.845	265196	2.039	800	ug/ml
Aromatic EPH	4.505	18.845	1923288	14.502		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	4906237	33.35		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6223400	53.46		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3813525	53.54		ug/ml