

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	ENV-101-SB01MSD	SDG No.:	Q1488
Lab Sample ID:	Q1488-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015635.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	5.41		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.32		0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.4		1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	28.0		2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.6		40 - 140	105%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.1		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.2		40 - 140	62%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-01MSD	Acq On:	10 Mar 2025 19:43
Client Sample ID:	ENV-101-SB01MSD	Operator:	YP\AJ
Data file:	FF015635.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.377	9225495	71.871	200	ug/ml
Aromatic C12-C16	6.378	9.069	16936549	123.805	300	ug/ml
Aromatic C16-C21	9.070	13.390	34308114	257.88	500	ug/ml
Aromatic C21-C36	13.391	18.845	48358182	371.826	800	ug/ml
Aromatic EPH	4.505	18.845	108828340	825.383		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	4585479	31.17		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6125678	52.62		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	3708178	52.06		ug/ml