

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	B-149-SB01MSD	SDG No.:	Q1746
Lab Sample ID:	Q1746-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.3
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
FD049277.D	1	04/08/25	04/10/25	PB167513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.09		0.13	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.69		0.26	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	18.0		0.45	1.86	mg/kg
Aromatic C21-C36	Aromatic C21-C36	30.0		1.33	2.98	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	36.5		40 - 140	73%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	30.6		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.6		40 - 140	61%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1746-01MSD	Acq On:	10 Apr 2025 19:45
Client Sample ID:	B-149-SB01MSD	Operator:	YP/AJ
Data file:	FD049277.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.440	6.185	6505753	41.493	200	ug/ml
Aromatic C12-C16	6.186	8.813	15286302	89.801	300	ug/ml
Aromatic C16-C21	8.814	13.102	40540836	241.744	500	ug/ml
Aromatic C21-C36	13.103	18.519	55547232	402.107	800	ug/ml
Aromatic EPH	4.440	18.519	117880123	775.144		ug/ml
2-Bromonaphthalene (SURRE)	7.749	7.749	5402290	36.47		ug/ml
2-Fluorobiphenyl (SURRE)	8.615	8.615	3125160	30.64		ug/ml
ortho-Terphenyl (SURRE)	11.657	11.657	5397335	30.63		ug/ml