

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	FB03062025	SDG No.:	Q1514
Lab Sample ID:	Q1514-09	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	800 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049186.D	1	03/10/25	03/11/25	PB167056

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.40	J	4.15	25.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	8.56	J	4.61	37.5	ug/l
Aromatic C16-C21	Aromatic C16-C21	30.4	J	15.9	62.5	ug/l
Aromatic C21-C36	Aromatic C21-C36	46.4	J	31.5	100	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.6		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.2		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.6		40 - 140	93%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-09	Acq On:	11 Mar 2025 12:25
Client Sample ID:	FB03062025	Operator:	YP/AJ
Data file:	FD049186.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.074	5.792	356117	2.162	200	ug/ml
Aromatic C12-C16	5.793	8.394	599098	3.425	300	ug/ml
Aromatic C16-C21	8.395	12.658	1926944	12.169	500	ug/ml
Aromatic C21-C36	12.659	18.072	2481066	18.566	800	ug/ml
Aromatic EPH	4.074	18.072	5363225	36.321		ug/ml
ortho-Terphenyl (SURR)	11.233	11.233	8150096	46.62		ug/ml
2-Bromonaphthalene (SURR)	7.349	7.349	7237617	47.6		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	4077938	51.2		ug/ml