

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-07	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	940 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
FD049184.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	4.47	J	3.53	21.3	ug/l
Aromatic C12-C16	Aromatic C12-C16	9.43	J	3.93	31.9	ug/l
Aromatic C16-C21	Aromatic C16-C21	162		13.5	53.2	ug/l
Aromatic C21-C36	Aromatic C21-C36	46.8	J	26.8	85.1	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.3		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.2		40 - 140	134%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.2		40 - 140	92%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-07	Acq On:	11 Mar 2025 11:11
Client Sample ID:	ENV-105-GW01	Operator:	YP/AJ
Data file:	FD049184.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.074	5.792	346031	2.1	200	ug/ml
Aromatic C12-C16	5.793	8.394	775726	4.434	300	ug/ml
Aromatic C16-C21	8.395	12.658	12111866	76.487	500	ug/ml
Aromatic C21-C36	12.659	18.072	2937981	21.986	800	ug/ml
Aromatic EPH	4.074	18.072	16171604	105.007		ug/ml
ortho-Terphenyl (SURR)	11.276	11.276	8081910	46.23		ug/ml
2-Bromonaphthalene (SURR)	7.350	7.350	9009388	59.25		ug/ml
2-Fluorobiphenyl (SURR)	8.199	8.199	5352755	67.2		ug/ml