

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-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	960 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
FD049185.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	4.45	J	3.46	20.8	ug/l
Aromatic C12-C16	Aromatic C12-C16	7.00	J	3.84	31.2	ug/l
Aromatic C16-C21	Aromatic C16-C21	30.6	J	13.2	52.1	ug/l
Aromatic C21-C36	Aromatic C21-C36	100		26.2	83.3	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	57.4		40 - 140	115%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	64.8		40 - 140	130%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.4		40 - 140	89%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1514-08	Acq On:	11 Mar 2025 11:48
Client Sample ID:	ENV-103-GW01	Operator:	YP/AJ
Data file:	FD049185.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.074	5.792	352146	2.138	200	ug/ml
Aromatic C12-C16	5.793	8.394	587709	3.36	300	ug/ml
Aromatic C16-C21	8.395	12.658	2323555	14.673	500	ug/ml
Aromatic C21-C36	12.659	18.072	6439752	48.19	800	ug/ml
Aromatic EPH	4.074	18.072	9703162	68.361		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	7762988	44.41		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	8734113	57.44		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5165352	64.85		ug/ml