

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167056BSD	SDG No.:	Q1514
Lab Sample ID:	PB167056BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049182.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	147		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	237		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	510		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	893		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.6		40 - 140	111%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.1		40 - 140	134%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.6		40 - 140	93%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167056BSD	Acq On:	11 Mar 2025 09:52
Client Sample ID:	PB167056BSD	Operator:	YP/AJ
Data file:	FD049182.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.074	5.792	12153074	73.769	200	ug/ml
Aromatic C12-C16	5.793	8.394	20815329	118.988	300	ug/ml
Aromatic C16-C21	8.395	12.658	40403471	255.15	500	ug/ml
Aromatic C21-C36	12.659	18.072	59670132	446.525	800	ug/ml
Aromatic EPH	4.074	18.072	133042006	894.432		ug/ml
2-Bromonaphthalene (SURRE)	7.350	7.350	8458301	55.63		ug/ml
2-Fluorobiphenyl (SURRE)	8.200	8.200	5343847	67.09		ug/ml
ortho-Terphenyl (SURRE)	11.233	11.233	8139549	46.56		ug/ml