

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167524BSD	SDG No.:	Q1746
Lab Sample ID:	PB167524BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 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
FD049260.D	1	04/09/25	04/09/25	PB167524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	105		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	184		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	401		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	717		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.4		40 - 140	85%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.6		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167524BSD	Acq On:	09 Apr 2025 17:54
Client Sample ID:	PB167524BSD	Operator:	YP/AJ
Data file:	FD049260.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	4.440	6.185	8238321	52.543	200	ug/ml
Aromatic C12-C16	6.186	8.813	15715743	92.323	300	ug/ml
Aromatic C16-C21	8.814	13.103	33634415	200.561	500	ug/ml
Aromatic C21-C36	13.104	18.518	49552047	358.708	800	ug/ml
Aromatic EPH	4.440	18.518	107140526	704.135		ug/ml
ortho-Terphenyl (SURR)	11.659	11.659	6801908	38.61		ug/ml
2-Bromonaphthalene (SURR)	7.750	7.750	6278614	42.39		ug/ml
2-Fluorobiphenyl (SURR)	8.617	8.617	3962978	38.85		ug/ml