

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167840BSD	SDG No.:	Q1901
Lab Sample ID:	PB167840BSD	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
FD049312.D	1	05/01/25	05/02/25	PB167840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	163		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	289		4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	624		8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	1040		23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.8		40 - 140	130%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	68.0		40 - 140	136%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	57.3		40 - 140	115%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB167840BSD	Acq On:	02 May 2025 14:03
Client Sample ID:	PB167840BSD	Operator:	YP/AJ
Data file:	FD049312.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	4.431	6.176	10502601	81.712	200	ug/ml
Aromatic C12-C16	6.177	8.805	19635568	144.669	300	ug/ml
Aromatic C16-C21	8.806	13.095	40948752	312.299	500	ug/ml
Aromatic C21-C36	13.096	18.516	60838111	518.416	800	ug/ml
Aromatic EPH	4.431	18.516	131925032	1060		ug/ml
ortho-Terphenyl (SURR)	11.653	11.653	7914730	57.34		ug/ml
2-Bromonaphthalene (SURR)	7.742	7.742	7685443	64.82		ug/ml
2-Fluorobiphenyl (SURR)	8.608	8.608	5373602	68.04		ug/ml