

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	B-173-GW01	SDG No.:	Q1415
Lab Sample ID:	Q1415-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	900 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
FD049105.D	1	02/25/25	02/25/25	PB166863

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.69	U	3.69	22.2	ug/l
Aromatic C12-C16	Aromatic C12-C16	4.10	U	4.10	33.3	ug/l
Aromatic C16-C21	Aromatic C16-C21	14.1	U	14.1	55.6	ug/l
Aromatic C21-C36	Aromatic C21-C36	28.0	U	28.0	88.9	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.6		40 - 140	123%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.5		40 - 140	127%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.1		40 - 140	56%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1415-06	Acq On:	25 Feb 2025 18:13
Client Sample ID:	B-173-GW01	Operator:	YP/AJ
Data file:	FD049105.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	4.075	5.793	158473	0.997	200	ug/ml
Aromatic C12-C16	5.794	8.396	202999	1.261	300	ug/ml
Aromatic C16-C21	8.397	12.660	871427	5.682	500	ug/ml
Aromatic C21-C36	12.661	18.070	996427	6.962	800	ug/ml
Aromatic EPH	4.075	18.070	2229326	14.903		ug/ml
ortho-Terphenyl (SURR)	11.234	11.234	4550424	28.13		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	8810523	61.57		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5586333	63.54		ug/ml