

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	FB04262025	SDG No.:	Q1901
Lab Sample ID:	Q1901-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	940 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
FD049313.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	3.18	J	2.20	21.3	ug/l
Aromatic C12-C16	Aromatic C12-C16	4.53	U	4.53	31.9	ug/l
Aromatic C16-C21	Aromatic C16-C21	49.7	J	8.80	53.2	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.3	U	25.3	85.1	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	65.7		40 - 140	131%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.3		40 - 140	135%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	62.1		40 - 140	124%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1901-06	Acq On:	02 May 2025 14:40
Client Sample ID:	FB04262025	Operator:	YP/AJ
Data file:	FD049313.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.431	6.176	191868	1.493	200	ug/ml
Aromatic C12-C16	6.177	8.805	0	0	300	ug/ml
Aromatic C16-C21	8.806	13.095	3063364	23.363	500	ug/ml
Aromatic C21-C36	13.096	18.516	240602	2.05	800	ug/ml
Aromatic EPH	4.431	18.516	3495834	26.906		ug/ml
ortho-Terphenyl (SURR)	11.654	11.654	8573546	62.12		ug/ml
2-Bromonaphthalene (SURR)	7.742	7.742	7791580	65.71		ug/ml
2-Fluorobiphenyl (SURR)	8.608	8.608	5316724	67.32		ug/ml