

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-GW01	SDG No.:	Q1488
Lab Sample ID:	Q1488-14	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	970 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
FD049164.D	1	03/05/25	03/05/25	PB166976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	7.28	J	3.42	20.6	ug/l
Aromatic C12-C16	Aromatic C12-C16	72.1		3.80	30.9	ug/l
Aromatic C16-C21	Aromatic C16-C21	63.7		13.1	51.5	ug/l
Aromatic C21-C36	Aromatic C21-C36	235		26.0	82.5	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.5		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.4		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1488-14	Acq On:	05 Mar 2025 19:04
Client Sample ID:	ENV-104-GW01	Operator:	YP/AJ
Data file:	FD049164.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.075	5.793	561258	3.529	200	ug/ml
Aromatic C12-C16	5.794	8.395	5625234	34.953	300	ug/ml
Aromatic C16-C21	8.396	12.660	4741557	30.918	500	ug/ml
Aromatic C21-C36	12.661	18.072	16337879	114.159	800	ug/ml
Aromatic EPH	4.075	18.072	27265928	183.56		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	7345608	45.41		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	7709000	53.87		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	4707811	53.55		ug/ml