

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164847BSD	SDG No.:	P4718
Lab Sample ID:	PB164847BSD	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
FD048700.D	1	11/09/24	11/11/24	PB164847

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	104		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	191		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	394		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	657		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.2		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	37.3		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.5		40 - 140	79%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164847BSD	Acq On:	11 Nov 2024 16:33
Client Sample ID:	PB164847BSD	Operator:	YP/AJ
Data file:	FD048700.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	4.090	5.808	9225507	52.357	200	ug/ml
Aromatic C12-C16	5.809	8.414	16957343	95.656	300	ug/ml
Aromatic C16-C21	8.415	12.677	32299299	197.148	500	ug/ml
Aromatic C21-C36	12.678	18.084	50218843	328.844	800	ug/ml
Aromatic EPH	4.090	18.084	108700992	674.006		ug/ml
2-Bromonaphthalene (SURRE)	7.369	7.369	7162920	47.19		ug/ml
2-Fluorobiphenyl (SURRE)	8.218	8.218	3663603	37.31		ug/ml
ortho-Terphenyl (SURRE)	11.256	11.256	6726567	39.49		ug/ml