

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-BOT-1	SDG No.:	P4578
Lab Sample ID:	P4578-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048632.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.76	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.11	U	2.11	2.82	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.2		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.7		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4578-07	Acq On:	30 Oct 2024 22:56
Client Sample ID:	WB-305-BOT-1	Operator:	YP/AJ
Data file:	FD048632.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	413470	2.347	200	ug/ml
Aromatic C12-C16	5.813	8.417	140651	0.793	300	ug/ml
Aromatic C16-C21	8.418	12.679	694928	4.242	500	ug/ml
Aromatic C21-C36	12.680	18.085	1286522	8.424	800	ug/ml
Aromatic EPH	4.094	18.085	2535571	15.806		ug/ml
2-Bromonaphthalene (SURR)	7.372	7.372	7769712	51.19		ug/ml
2-Fluorobiphenyl (SURR)	8.222	8.222	4979570	50.71		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	4579944	26.89		ug/ml