

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164109BSD	SDG No.:	P4397
Lab Sample ID:	PB164109BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048507.D	1	10/14/24	10/15/24	PB164109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.67		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.77		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.3		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	23.2		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.9		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.4		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.1		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164109BSD	Acq On:	15 Oct 2024 01:17
Client Sample ID:	PB164109BSD	Operator:	YP/AJ
Data file:	FD048507.D	Misc:	
Instrument:	FID_D	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.099	5.817	12686302	70.096	200	ug/ml
Aromatic C12-C16	5.818	8.424	22161971	116.645	300	ug/ml
Aromatic C16-C21	8.425	12.687	41157785	230.281	500	ug/ml
Aromatic C21-C36	12.688	18.094	57627675	348.497	800	ug/ml
Aromatic EPH	4.099	18.094	133633733	765.519		ug/ml
ortho-Terphenyl (SURR)	11.266	11.266	7750803	42.12		ug/ml
2-Bromonaphthalene (SURR)	7.378	7.378	7923978	47.86		ug/ml
2-Fluorobiphenyl (SURR)	8.229	8.229	5224281	50.38		ug/ml