

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164525BSD	SDG No.:	P4578
Lab Sample ID:	PB164525BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048625.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	3.57		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.25		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.4		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	22.5		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.0		40 - 140	104%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.2		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.6		40 - 140	89%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164525BSD	Acq On:	30 Oct 2024 18:41
Client Sample ID:	PB164525BSD	Operator:	YP/AJ
Data file:	FD048625.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	9440252	53.576	200	ug/ml
Aromatic C12-C16	5.813	8.417	19303427	108.891	300	ug/ml
Aromatic C16-C21	8.418	12.679	35308940	215.518	500	ug/ml
Aromatic C21-C36	12.680	18.085	51655732	338.253	800	ug/ml
Aromatic EPH	4.094	18.085	115708351	716.239		ug/ml
2-Bromonaphthalene (SURR)	7.373	7.373	7894586	52.01		ug/ml
2-Fluorobiphenyl (SURR)	8.223	8.223	5226799	53.23		ug/ml
ortho-Terphenyl (SURR)	11.259	11.259	7598459	44.61		ug/ml