

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164790BSD	SDG No.:	P4718
Lab Sample ID:	PB164790BSD	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
FD048675.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.08		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	12.8		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.5		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.3		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	35.3		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.6		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164790BSD	Acq On:	08 Nov 2024 17:32
Client Sample ID:	PB164790BSD	Operator:	YP/AJ
Data file:	FD048675.D	Misc:	
Instrument:	FID_D	ALS Vial:	58
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	8774301	49.797	200	ug/ml
Aromatic C12-C16	5.811	8.415	16174778	91.242	300	ug/ml
Aromatic C16-C21	8.416	12.678	31495336	192.241	500	ug/ml
Aromatic C21-C36	12.679	18.083	47020005	307.898	800	ug/ml
Aromatic EPH	4.092	18.083	103464420	641.177		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	6405825	37.61		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	6877746	45.31		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	3464981	35.29		ug/ml