

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/04/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/05/24
Client Sample ID:	WB-307-SB01	SDG No.:	P4718
Lab Sample ID:	P4718-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 18:08	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.83	J	1	0.49	1.28	mg/kg	FC067673.D
Aliphatic C12-C16	Aliphatic C12-C16	17.0		1	0.31	0.85	mg/kg	FC067673.D
Aliphatic C16-C21	Aliphatic C16-C21	0.48	J	1	0.38	1.28	mg/kg	FC067673.D
Aliphatic C21-C28	Aliphatic C21-C28	1.02	U	1	1.02	1.71	mg/kg	FC067673.D
Aliphatic C28-C40	Aliphatic C28-C40	3.53		1	2.30	2.56	mg/kg	FC067673.D
Aromatic C10-C12	Aromatic C10-C12	0.38	U	1	0.38	0.85	mg/kg	FD048676.D
Aromatic C12-C16	Aromatic C12-C16	5.14		1	0.44	1.28	mg/kg	FD048676.D
Aromatic C16-C21	Aromatic C16-C21	1.85	J	1	1.23	2.13	mg/kg	FD048676.D
Aromatic C21-C36	Aromatic C21-C36	2.94	J	1	2.56	3.41	mg/kg	FD048676.D
Total AliphaticEPH	Total AliphaticEPH	21.8			4.50	7.68	mg/kg	
Total AromaticEPH	Total AromaticEPH	9.93			4.61	7.67	mg/kg	
Total EPH	Total EPH	31.8			9.11	15.4	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067673.D	1	11/08/24	11/08/24	PB164790

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.1		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4718-01	Acq On:	08 Nov 2024 18:08
Client Sample ID:	WB-307-SB01	Operator:	YP/AJ
Data file:	FC067673.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	1317742	9.727	300	ug/ml
Aliphatic C12-C16	6.451	9.841	26229341	199.187	200	ug/ml
Aliphatic C16-C21	9.842	13.199	710513	5.584	300	ug/ml
Aliphatic C21-C28	13.200	16.853	635825	5.295	400	ug/ml
Aliphatic C28-C40	16.854	21.698	4180404	41.352	600	ug/ml
Aliphatic EPH	3.171	21.698	33073825	261.145		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	3796139	35.15		ug/ml
Aliphatic C9-C28	3.171	16.853	28893421	219.793	1200	ug/ml