

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-307-SB01MSD	SDG No.:	P4718
Lab Sample ID:	P4718-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78
Sample Wt/Vol:	30.03 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 19:57	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	107			4.51	7.68	mg/kg
Total AromaticEPH	Total AromaticEPH	94.2			4.61	7.68	mg/kg
Total EPH	Total EPH	201			9.12	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

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067676.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	10.3		0.49	1.28	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	28.7	E	0.31	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.2		0.38	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	18.8		1.02	1.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	35.3		2.31	2.56	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.2		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4718-01MSD	Acq On:	08 Nov 2024 19:57
Client Sample ID:	P4718-01MSD	Operator:	YP/AJ
Data file:	FC067676.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	16310574	120.4	300	ug/ml
Aliphatic C12-C16	6.451	9.841	44318307	336.556	200	ug/ml
Aliphatic C16-C21	9.842	13.199	21203932	166.652	300	ug/ml
Aliphatic C21-C28	13.200	16.853	26474392	220.454	400	ug/ml
Aliphatic C28-C40	16.854	21.698	41781599	413.298	600	ug/ml
Aliphatic EPH	3.171	21.698	150088804	1260		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	3908382	36.19		ug/ml
Aliphatic C9-C28	3.171	16.853	108307205	844.062	1200	ug/ml