

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164847BSD	SDG No.:	P4718
Lab Sample ID:	PB164847BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/09/24 08:38	11/11/24 16:33	PB164847

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	179		1	5.76	30.0	ug/l	FC067696.D
Aliphatic C12-C16	Aliphatic C12-C16	155		1	3.61	20.0	ug/l	FC067696.D
Aliphatic C16-C21	Aliphatic C16-C21	279		1	5.14	30.0	ug/l	FC067696.D
Aliphatic C21-C28	Aliphatic C21-C28	395		1	8.97	40.0	ug/l	FC067696.D
Aliphatic C28-C40	Aliphatic C28-C40	660		1	17.0	60.0	ug/l	FC067696.D
Aromatic C10-C12	Aromatic C10-C12	104		1	3.32	20.0	ug/l	FD048700.D
Aromatic C12-C16	Aromatic C12-C16	191		1	3.69	30.0	ug/l	FD048700.D
Aromatic C16-C21	Aromatic C16-C21	394		1	12.7	50.0	ug/l	FD048700.D
Aromatic C21-C36	Aromatic C21-C36	657		1	25.2	80.0	ug/l	FD048700.D
Total AliphaticEPH	Total AliphaticEPH	1670			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1350			44.9	180	ug/l	
Total EPH	Total EPH	3010			85.4	360	ug/l	

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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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067696.D	1	11/09/24	11/11/24	PB164847

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Aliphatic C28-C40	Aliphatic C28-C40	660		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.7		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164847BSD	Acq On:	11 Nov 2024 16:33
Client Sample ID:	PB164847BSD	Operator:	YP/AJ
Data file:	FC067696.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	12153536	89.714	300	ug/ml
Aliphatic C12-C16	6.451	9.840	10228578	77.677	200	ug/ml
Aliphatic C16-C21	9.841	13.198	17798092	139.884	300	ug/ml
Aliphatic C21-C28	13.199	16.853	23724061	197.552	400	ug/ml
Aliphatic C28-C40	16.854	21.695	33396175	330.35	600	ug/ml
Aliphatic EPH	3.170	21.695	97300442	835.176		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	4938817	45.73		ug/ml
Aliphatic C9-C28	3.170	16.853	63904267	504.827	1200	ug/ml