

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	SOILMSD	SDG No.:	Q3301
Lab Sample ID:	Q3301-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.04 g	Test:	EPH
Prep Method :			
	Final Vol: 2000uL		
	Prep Date : 10/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS											
Aromatic C10-C12	Aromatic C10-C12	51.0	E	1	0.15	0.41	0.82	mg/kg	FD049835.D	10/08/25 13:43	PB170011
Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD049835.D	10/08/25 13:43	PB170011
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835.D	10/08/25 13:43	PB170011
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD049835.D	10/08/25 13:43	PB170011
Total AliphaticEPH	Total AliphaticEPH	2480			2.57	3.70	7.39	mg/kg			
Total AromaticEPH	Total AromaticEPH	964			2.40	3.70	7.39	mg/kg			
Total EPH	Total EPH	3440			4.97	7.39	14.8	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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Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	SOILMSD	SDG No.:	Q3301
Lab Sample ID:	Q3301-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.04 g	Test:	EPH
Prep Method :		Final Vol:	2000uL
		Prep Date :	10/07/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS											
Aromatic C10-C12	Aromatic C10-C12	51.0	E	1	0.15	0.41	0.82	mg/kg	FD049835.D	10/08/25 13:43	PB170011
Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD049835.D	10/08/25 13:43	PB170011
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835.D	10/08/25 13:43	PB170011
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD049835.D	10/08/25 13:43	PB170011
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Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.04 g	Test:	EPH
Prep Method :		Final Vol:	2000uL
		Prep Date :	10/07/25

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TARGETS											
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Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835.D	10/08/25 13:43	PB170011
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Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.04 g	Test:	EPH
Prep Method :		Final Vol:	2000uL
		Prep Date :	10/07/25

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TARGETS											
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Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD049835.	10/08/25 13:43	PB170011
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835.	10/08/25 13:43	PB170011
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD049835.	10/08/25 13:43	PB170011
Total AliphaticEPH	Total AliphaticEPH	2480			2.57	3.70	7.39	mg/kg			
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		Prep Date :	10/07/25

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TARGETS											
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Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD049835	10/08/25 13:43	PB170011
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835	10/08/25 13:43	PB170011
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD049835	10/08/25 13:43	PB170011
Total AliphaticEPH	Total AliphaticEPH	2480			2.57	3.70	7.39	mg/kg		10/08/25 14:25	PB170011
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TARGETS											
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Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD0498	10/08/25 13:43	PB170011
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD0498	10/08/25 13:43	PB170011
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD0498	10/08/25 13:43	PB170011
Total AliphaticEPH	Total AliphaticEPH	2480			2.57	3.70	7.39	mg/kg		10/08/25 14:25	PB170011
Total AromaticEPH	Total AromaticEPH	964			2.40	3.70	7.39	mg/kg		10/08/25 14:25	PB170011
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Sample Wt/Vol:	30.04 g	Test:	EPH
Prep Method :			

Final Vol: 2000uL
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TARGETS											
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Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD0498	10/08/25 13:43	PB170011
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD0498	10/08/25 13:43	PB170011
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD0498	10/08/25 13:43	PB170011
Total Aliphatic	EPH Total Aliphatic	2480			2.57	3.70	7.39	mg/kg		10/08/25 14:25	PB170011
Total Aromatic	EPH Total Aromatic	964			2.40	3.70	7.39	mg/kg		10/08/25 14:25	PB170011
Total EPH	Total EPH	3440			4.97	7.39	14.8	mg/kg		10/08/25 14:25	PB170011

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Lab Sample ID:	Q3301-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/07/25 11:25	10/08/25 13:43	PB170011

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	51.0	E	1	0.15	0.41	0.82	mg/kg	FD049835.D
Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD049835.D
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835.D
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD049835.D
Total AliphaticEPH	Total AliphaticEPH	2480			2.57	3.70	7.39	mg/kg	
Total AromaticEPH	Total AromaticEPH	964			2.40	3.70	7.39	mg/kg	
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Lab Sample ID:	Q3301-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/07/25 11:25	10/08/25 13:43	PB170011

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	51.0	E	1	0.15	0.41	0.82	mg/kg	FD049835.D
Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD049835.D
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835.D
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD049835.D
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Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/07/25 11:25	10/08/25 13:43	PB170011

Datafile

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TARGETS									
Aromatic C10-C12	Aromatic C10-C12	51.0	E	1	0.15	0.41	0.82	mg/kg	FD049835.D
Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	0.62	1.23	mg/kg	FD049835.D
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	1.02	2.05	mg/kg	FD049835.D
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	1.65	3.29	mg/kg	FD049835.D
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Total AromaticEPH	Total AromaticEPH	964			2.40	3.70	7.39	mg/kg	
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Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
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Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	1.23	mg/kg	FD049835.D
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	2.05	mg/kg	FD049835.D
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Soil Aliquot Vol:	uL	Test:	EPH
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Prep Date :	Date Analyzed :	Prep Batch ID
10/07/25 11:25	10/08/25 14:25	PB170011

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	273	E	1	0.17	1.23	mg/kg	FC069966.D
Aliphatic C12-C16	Aliphatic C12-C16	962	E	1	0.14	0.82	mg/kg	FC069966.D
Aliphatic C16-C21	Aliphatic C16-C21	997	E	1	0.16	1.23	mg/kg	FC069966.D
Aliphatic C21-C28	Aliphatic C21-C28	191	E	1	0.65	1.64	mg/kg	FC069966.D
Aliphatic C28-C40	Aliphatic C28-C40	56.0	E	1	1.45	2.47	mg/kg	FC069966.D
Aromatic C10-C12	Aromatic C10-C12	51.0	E	1	0.15	0.82	mg/kg	FD049835.D
Aromatic C12-C16	Aromatic C12-C16	246	E	1	0.28	1.23	mg/kg	FD049835.D
Aromatic C16-C21	Aromatic C16-C21	530	E	1	0.49	2.05	mg/kg	FD049835.D
Aromatic C21-C36	Aromatic C21-C36	137	E	1	1.47	3.29	mg/kg	FD049835.D
Total AliphaticEPH	Total AliphaticEPH	2480			2.57	7.39	mg/kg	
Total AromaticEPH	Total AromaticEPH	964			2.40	7.39	mg/kg	
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Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069966.D	1	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	273	E	0.17	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	962	E	0.14	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	997	E	0.16	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	191	E	0.65	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	56.0	E	1.45	2.47	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	55.9		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3301-01MSD	Acq On:	08 Oct 2025 14:25
Client Sample ID:	Q3301-01MSD	Operator:	YP/AJ
Data file:	FC069966.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	3.284	6.578	482063277	3330	300	ug/ml
Aliphatic C12-C16	6.579	9.979	1917658883	11800	200	ug/ml
Aliphatic C16-C21	9.980	13.346	1965363806	12100	300	ug/ml
Aliphatic C21-C28	13.347	17.010	342902043	2330	400	ug/ml
Aliphatic C28-C40	17.011	21.966	73354443	681.734	600	ug/ml
Aliphatic EPH	3.284	21.966	4781342452	30200		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.104	13.104	7583677	55.87		ug/ml
Aliphatic C9-C28	3.284	17.010	4707988009	29500	1200	ug/ml