

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	SOILMS	SDG No.:	Q3301
Lab Sample ID:	Q3301-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02 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	51.3	E	1	0.15	0.41	0.82	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Total AliphaticEPH	Total AliphaticEPH	2530			2.58	3.70	7.39	mg/kg			
Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg			
Total EPH	Total EPH	3480			4.98	7.40	14.8	mg/kg			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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

Report of Analysis

Client:	Ronald Adams	Date Collected:	
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Client Sample ID:	SOILMS	SDG No.:	Q3301
Lab Sample ID:	Q3301-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02 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	51.3	E	1	0.15	0.41	0.82	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Total AliphaticEPH	Total AliphaticEPH	2530			2.58	3.70	7.39	mg/kg			
Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg			
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Prep Method :		Final Vol:	2000uL
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Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834.D	10/08/25 13:00	PB170011
Total AliphaticEPH	Total AliphaticEPH	2530			2.58	3.70	7.39	mg/kg			
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Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02 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											
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Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD049834.	10/08/25 13:00	PB170011
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834.	10/08/25 13:00	PB170011
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834.	10/08/25 13:00	PB170011
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Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg			
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Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD049834	10/08/25 13:00	PB170011
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834	10/08/25 13:00	PB170011
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834	10/08/25 13:00	PB170011
Total AliphaticEPH	Total AliphaticEPH	2530			2.58	3.70	7.39	mg/kg		10/08/25 13:43	PB170011
Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg		10/08/25 13:43	PB170011
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Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD0498	10/08/25 13:00	PB170011
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD0498	10/08/25 13:00	PB170011
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD0498	10/08/25 13:00	PB170011
Total AliphaticEPH	Total AliphaticEPH	2530			2.58	3.70	7.39	mg/kg		10/08/25 13:43	PB170011
Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg		10/08/25 13:43	PB170011
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Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02 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	51.3	E	1	0.15	0.41	0.82	mg/kg	FD0498	10/08/25 13:00	PB170011
Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD0498	10/08/25 13:00	PB170011
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD0498	10/08/25 13:00	PB170011
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD0498	10/08/25 13:00	PB170011
Total Aliphatic	EPH Total Aliphatic	2530			2.58	3.70	7.39	mg/kg		10/08/25 13:43	PB170011
Total Aromatic	EPH Total Aromatic	954			2.40	3.70	7.40	mg/kg		10/08/25 13:43	PB170011
Total EPH	Total EPH	3480			4.98	7.40	14.8	mg/kg		10/08/25 13:43	PB170011

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Client Sample ID:	SOILMS	SDG No.:	Q3301
Lab Sample ID:	Q3301-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02 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 13:00	PB170011

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	51.3	E	1	0.15	0.41	0.82	mg/kg	FD049834.D
Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD049834.D
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834.D
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834.D
Total AliphaticEPH	Total AliphaticEPH	2530			2.58	3.70	7.39	mg/kg	
Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg	
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Client:	Ronald Adams		Date Collected:		
Project:	19 Ashlynn Court		Date Received:		
Client Sample ID:	SOILMS		SDG No.:	Q3301	
Lab Sample ID:	Q3301-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81	
Sample Wt/Vol:	30.02	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 13:00	PB170011

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	51.3	E	1	0.15	0.41	0.82	mg/kg	FD049834.D
Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	0.62	1.23	mg/kg	FD049834.D
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834.D
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834.D
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Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg	
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Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	SOILMS	SDG No.:	Q3301
Lab Sample ID:	Q3301-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02 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 13:00	PB170011

Datafile

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Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	1.03	2.06	mg/kg	FD049834.D
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	1.65	3.29	mg/kg	FD049834.D
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Total AromaticEPH	Total AromaticEPH	954			2.40	3.70	7.40	mg/kg	
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Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH

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Datafile

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Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	2.06	mg/kg	FD049834.D
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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	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	270	E	1	0.17	1.23	mg/kg	FC069965.D
Aliphatic C12-C16	Aliphatic C12-C16	1020	E	1	0.14	0.82	mg/kg	FC069965.D
Aliphatic C16-C21	Aliphatic C16-C21	988	E	1	0.16	1.23	mg/kg	FC069965.D
Aliphatic C21-C28	Aliphatic C21-C28	187	E	1	0.65	1.64	mg/kg	FC069965.D
Aliphatic C28-C40	Aliphatic C28-C40	59.8	E	1	1.46	2.47	mg/kg	FC069965.D
Aromatic C10-C12	Aromatic C10-C12	51.3	E	1	0.15	0.82	mg/kg	FD049834.D
Aromatic C12-C16	Aromatic C12-C16	239	E	1	0.28	1.23	mg/kg	FD049834.D
Aromatic C16-C21	Aromatic C16-C21	526	E	1	0.49	2.06	mg/kg	FD049834.D
Aromatic C21-C36	Aromatic C21-C36	138	E	1	1.47	3.29	mg/kg	FD049834.D
Total AliphaticEPH	Total AliphaticEPH	2530			2.58	7.39	mg/kg	
Total AromaticEPH	Total AromaticEPH	954			2.40	7.40	mg/kg	
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Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069965.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	270	E	0.17	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1020	E	0.14	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	988	E	0.16	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	187	E	0.65	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	59.8	E	1.46	2.47	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.5		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3301-01MS	Acq On:	08 Oct 2025 13:43
Client Sample ID:	Q3301-01MS	Operator:	YP/AJ
Data file:	FC069965.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.284	6.578	476826986	3290	300	ug/ml
Aliphatic C12-C16	6.579	9.979	2033708441	12400	200	ug/ml
Aliphatic C16-C21	9.980	13.346	1946756294	12000	300	ug/ml
Aliphatic C21-C28	13.347	17.010	335165897	2280	400	ug/ml
Aliphatic C28-C40	17.011	21.966	78199318	726.761	600	ug/ml
Aliphatic EPH	3.284	21.966	4870656936	30700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	7263664	53.51		ug/ml
Aliphatic C9-C28	3.284	17.010	4792457618	30100	1200	ug/ml