



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	1	SDG No.:	Q1290
Lab Sample ID:	Q1290-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/05/25 09:25	02/05/25 15:22	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.56		1	2.04	4.73	mg/kg	FC068196.D
Total EPH	Total EPH	6.56			2.04	4.73	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	1	SDG No.:	Q1290
Lab Sample ID:	Q1290-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068196.D	1	02/05/25	02/05/25	PB166564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.56		2.04	4.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.1		2.13	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.6		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1290-03	Acq On:	05 Feb 2025 15:22
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC068196.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	3.110	6.377	409367	2.956	300	ug/ml
Aliphatic C12-C16	6.378	9.761	962003	6.986	200	ug/ml
Aliphatic C16-C21	9.762	13.114	3298444	24.429	300	ug/ml
Aliphatic C21-C28	13.115	16.766	6585975	51.773	400	ug/ml
Aliphatic C28-C40	16.767	21.570	14593638	140.812	600	ug/ml
Aliphatic EPH	3.110	21.570	25849427	226.957		ug/ml
ortho-Terphenyl (SURR)	11.404	11.404	4900437	31.36		ug/ml
1-chlorooctadecane (SURR)	12.845	12.845	3754413	32.65		ug/ml
Aliphatic C9-C28	3.110	16.766	11255789	86.144	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	2	SDG No.:	Q1290
Lab Sample ID:	Q1290-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/05/25 09:25	02/05/25 17:11	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.7		1	1.99	4.63	mg/kg	FC068199.D
Total EPH	Total EPH	11.7			1.99	4.63	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	2	SDG No.:	Q1290
Lab Sample ID:	Q1290-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068199.D	1	02/05/25	02/05/25	PB166564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.7		1.99	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	35.1		2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.0		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.2		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1290-04	Acq On:	05 Feb 2025 17:11
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC068199.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	3.110	6.377	483020	3.488	300	ug/ml
Aliphatic C12-C16	6.378	9.761	922000	6.695	200	ug/ml
Aliphatic C16-C21	9.762	13.114	4443720	32.912	300	ug/ml
Aliphatic C21-C28	13.115	16.766	14327633	112.632	400	ug/ml
Aliphatic C28-C40	16.767	21.570	47214626	455.569	600	ug/ml
Aliphatic EPH	3.110	21.570	67390999	611.295		ug/ml
ortho-Terphenyl (SURR)	11.404	11.404	4097667	26.22		ug/ml
1-chlorooctadecane (SURR)	12.846	12.846	3215357	27.96		ug/ml
Aliphatic C9-C28	3.110	16.766	20176373	155.727	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	3	SDG No.:	Q1290
Lab Sample ID:	Q1290-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/05/25 09:25	02/05/25 17:47	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.43		1	1.97	4.59	mg/kg	FC068200.D
Total EPH	Total EPH	8.43			1.97	4.59	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	3	SDG No.:	Q1290
Lab Sample ID:	Q1290-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068200.D	1	02/05/25	02/05/25	PB166564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.43		1.97	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.9		2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.3		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.6		40 - 140	45%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1290-05	Acq On:	05 Feb 2025 17:47
Client Sample ID:	3	Operator:	YP/AJ
Data file:	FC068200.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.110	6.377	473093	3.416	300	ug/ml
Aliphatic C12-C16	6.378	9.761	1015927	7.377	200	ug/ml
Aliphatic C16-C21	9.762	13.114	4800561	35.555	300	ug/ml
Aliphatic C21-C28	13.115	16.766	8570474	67.374	400	ug/ml
Aliphatic C28-C40	16.767	21.570	44630515	430.635	600	ug/ml
Aliphatic EPH	3.110	21.570	59490570	544.357		ug/ml
ortho-Terphenyl (SURR)	11.405	11.405	3531484	22.6		ug/ml
1-chlorooctadecane (SURR)	12.846	12.846	2797387	24.32		ug/ml
Aliphatic C9-C28	3.110	16.766	14860055	113.722	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	4	SDG No.:	Q1290
Lab Sample ID:	Q1290-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/05/25 09:25	02/05/25 18:24	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	24.1		1	1.95	4.52	mg/kg	FC068201.D
Total EPH	Total EPH	24.1			1.95	4.52	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	4	SDG No.:	Q1290
Lab Sample ID:	Q1290-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068201.D	1	02/05/25	02/05/25	PB166564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	24.1		1.95	4.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.2		2.04	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.4		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.0		40 - 140	62%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1290-06	Acq On:	05 Feb 2025 18:24
Client Sample ID:	4	Operator:	YP/AJ
Data file:	FC068201.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.110	6.377	620743	4.482	300	ug/ml
Aliphatic C12-C16	6.378	9.761	1793644	13.025	200	ug/ml
Aliphatic C16-C21	9.762	13.114	16255747	120.396	300	ug/ml
Aliphatic C21-C28	13.115	16.766	23693573	186.259	400	ug/ml
Aliphatic C28-C40	16.767	21.570	59408321	573.224	600	ug/ml
Aliphatic EPH	3.110	21.570	101772028	897.386		ug/ml
ortho-Terphenyl (SURR)	11.407	11.407	4840379	30.98		ug/ml
1-chlorooctadecane (SURR)	12.848	12.848	4072965	35.42		ug/ml
Aliphatic C9-C28	3.110	16.766	42363707	324.162	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	5	SDG No.:	Q1290
Lab Sample ID:	Q1290-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/05/25 09:25	02/05/25 19:00	PB166564

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.11	J	1	1.98	4.61	mg/kg	FC068202.D
Total EPH	Total EPH	4.11	J		1.98	4.61	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

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MDL = Method Detection Limit

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N = Presumptive Evidence of a Compound

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D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	02/04/25
Project:	305 Central Ave, West Caldwell	Date Received:	02/04/25
Client Sample ID:	5	SDG No.:	Q1290
Lab Sample ID:	Q1290-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068202.D	1	02/05/25	02/05/25	PB166564

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.11	J	1.98	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.5		2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.7		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.7		40 - 140	51%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1290-07	Acq On:	05 Feb 2025 19:00
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FC068202.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.110	6.377	495988	3.581	300	ug/ml
Aliphatic C12-C16	6.378	9.761	790084	5.737	200	ug/ml
Aliphatic C16-C21	9.762	13.114	2536582	18.787	300	ug/ml
Aliphatic C21-C28	13.115	16.766	3696291	29.057	400	ug/ml
Aliphatic C28-C40	16.767	21.570	28950791	279.343	600	ug/ml
Aliphatic EPH	3.110	21.570	36469736	336.506		ug/ml
ortho-Terphenyl (SURR)	11.406	11.406	4020546	25.73		ug/ml
1-chlorooctadecane (SURR)	12.847	12.847	3072078	26.71		ug/ml
Aliphatic C9-C28	3.110	16.766	7518945	57.162	1200	ug/ml

LAB CHRONICLE

OrderID:	Q1290	OrderDate:	2/4/2025 2:25:00 PM
Client:	Sciacca General Contractors, LLC	Project:	305 Central Ave, West Caldwell
Contact:	Rosanne Scirica	Location:	D11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1290-03	1	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-04	2	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-05	3	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-06	4	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25
Q1290-07	5	Solid	EPH_F2	NJEPH	02/04/25	02/05/25	02/05/25	02/04/25