



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q1290
Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID: 0

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

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:	VOC		SDG No.:	Q1290	
Lab Sample ID:	Q1290-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	84.9	
Sample Wt/Vol:	5.03	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021138.D	1		02/07/25 14:39	VY020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.90	U	1.90	5.90	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	5.90	ug/Kg
75-01-4	Vinyl Chloride	0.90	U	0.90	5.90	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.90	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	5.90	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	5.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	5.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.91	U	0.91	5.90	ug/Kg
67-64-1	Acetone	7.30	U	7.30	29.3	ug/Kg
75-15-0	Carbon Disulfide	1.50	U	1.50	5.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.78	U	0.78	5.90	ug/Kg
79-20-9	Methyl Acetate	2.10	U	2.10	5.90	ug/Kg
75-09-2	Methylene Chloride	4.00	U	4.00	11.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	5.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.74	U	0.74	5.90	ug/Kg
110-82-7	Cyclohexane	0.81	U	0.81	5.90	ug/Kg
78-93-3	2-Butanone	6.70	U	6.70	29.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.71	U	0.71	5.90	ug/Kg
74-97-5	Bromochloromethane	2.80	U	2.80	5.90	ug/Kg
67-66-3	Chloroform	0.78	U	0.78	5.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.91	U	0.91	5.90	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.90	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.71	U	0.71	5.90	ug/Kg
79-01-6	Trichloroethene	0.88	U	0.88	5.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.77	U	0.77	5.90	ug/Kg
75-27-4	Bromodichloromethane	0.66	U	0.66	5.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.10	U	5.10	29.3	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.90	ug/Kg

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:	VOC		SDG No.:	Q1290	
Lab Sample ID:	Q1290-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	84.9	
Sample Wt/Vol:	5.03	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021138.D	1		02/07/25 14:39	VY020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.70	U	0.70	5.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.67	U	0.67	5.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	5.90	ug/Kg
591-78-6	2-Hexanone	5.60	U	5.60	29.3	ug/Kg
124-48-1	Dibromochloromethane	0.76	U	0.76	5.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.92	U	0.92	5.90	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	5.90	ug/Kg
108-90-7	Chlorobenzene	0.87	U	0.87	5.90	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	5.90	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	11.7	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.90	ug/Kg
100-42-5	Styrene	0.70	U	0.70	5.90	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.90	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.87	U	0.87	5.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.94	U	0.94	5.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.69	U	0.69	5.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.92	U	0.92	5.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.91	U	0.91	5.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.8		70 (50) - 130 (163)	90%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 (54) - 130 (147)	100%	SPK: 50
2037-26-5	Toluene-d8	45.9		70 (58) - 130 (134)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	23.4	*	70 (29) - 130 (146)	47%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	11800	7.713			
540-36-3	1,4-Difluorobenzene	17100	8.616			
3114-55-4	Chlorobenzene-d5	12300	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	2080	13.353			

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:	VOC		SDG No.:	Q1290	
Lab Sample ID:	Q1290-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	84.9	
Sample Wt/Vol:	5.03	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021138.D	1		02/07/25 14:39	VY020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

M = MS/MSD acceptance 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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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
Q1290-02	VOC	SOIL	VOC-TCLVOA-10	8260D	02/04/25		02/07/25	02/04/25



SAMPLE DATA

A

B

C

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:	WASTE	SDG No.:	Q1290
Lab Sample ID:	Q1290-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	87.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015366.D	10	02/07/25 08:13	02/07/25 18:43	PB166607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	117000		3630	32300	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	1.67		37 - 130	84%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance 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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

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
Q1290-01	WASTE	SOIL	TPH GC	8015D	02/04/25	02/07/25	02/07/25	02/04/25
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



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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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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:	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:	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 :			

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

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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:	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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N = Presumptive Evidence of a Compound

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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:	Sciaccia 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.

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:	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

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:	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