284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2027	**OrderDate:**	5/13/2025 12:52:00 PM
Client:	Scalamandre – Tully JV	**Project:**	NYC DOT Harper Street Yard North
Contact:	Dean Devoe	**Location:**	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2027-03	**B27-SOIL-SAMPLE**	**TCLP**			**05/12/25**			**05/13/25**
			TCLP BNA	8270E		05/15/25	05/17/25	
Q2027-04	**B28-SOIL-SAMPLE**	**TCLP**			**05/12/25**			**05/13/25**
			TCLP BNA	8270E		05/15/25	05/17/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2027

Client: Scalamandre – Tully JV

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

SAMPLE DATA

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/15/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/15/25
Client Sample ID:	PB167994TB	SDG No.:	Q2027
Lab Sample ID:	PB167994TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024670.D	1	05/15/25 12:00	05/17/25 00:29	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	129		10 - 134	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.2		49 - 133	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.7		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	83.3		48 - 125	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	116000	7.657			
1146-65-2	Naphthalene-d8	458000	10.434			
15067-26-2	Acenaphthene-d10	293000	14.292			
1517-22-2	Phenanthrene-d10	589000	17.092			
1719-03-5	Chrysene-d12	711000	21.521			
1520-96-3	Perylene-d12	834000	24.798			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/15/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/15/25
Client Sample ID:	PB167994TB	SDG No.:	Q2027
Lab Sample ID:	PB167994TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024670.D	1	05/15/25 12:00	05/17/25 00:29	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B27-SOIL-SAMPLE	SDG No.:	Q2027
Lab Sample ID:	Q2027-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024683.D	1	05/15/25 12:00	05/17/25 09:22	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	130		10 - 139	87%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 134	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.6		49 - 133	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.1		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		44 - 137	105%	SPK: 150
1718-51-0	Terphenyl-d14	88.9		48 - 125	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	124000	7.658			
1146-65-2	Naphthalene-d8	488000	10.428			
15067-26-2	Acenaphthene-d10	303000	14.287			
1517-22-2	Phenanthrene-d10	616000	17.092			
1719-03-5	Chrysene-d12	751000	21.516			
1520-96-3	Perylene-d12	888000	24.798			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B27-SOIL-SAMPLE	SDG No.:	Q2027
Lab Sample ID:	Q2027-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024683.D	1	05/15/25 12:00	05/17/25 09:22	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B28-SOIL-SAMPLE	SDG No.:	Q2027
Lab Sample ID:	Q2027-04	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024684.D	1	05/15/25 12:00	05/17/25 10:03	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	130		10 - 139	87%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.6		49 - 133	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.9		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	171		44 - 137	114%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		48 - 125	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	7.657			
1146-65-2	Naphthalene-d8	431000	10.428			
15067-26-2	Acenaphthene-d10	289000	14.292			
1517-22-2	Phenanthrene-d10	618000	17.086			
1719-03-5	Chrysene-d12	785000	21.521			
1520-96-3	Perylene-d12	941000	24.809			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B28-SOIL-SAMPLE	SDG No.:	Q2027
Lab Sample ID:	Q2027-04	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024684.D	1	05/15/25 12:00	05/17/25 10:03	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2027

Client: Scalamandre – Tully JV

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167994TB	PB167994TB	2-Fluorophenol	150	134	89		10	139
		Phenol-d6	150	129	86		10	134
		Nitrobenzene-d5	100	74.2	74		49	133
		2-Fluorobiphenyl	100	72.7	73		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	83.3	83		48	125
PB168026BL	PB168026BL	2-Fluorophenol	150	132	88		10	139
		Phenol-d6	150	122	82		10	134
		Nitrobenzene-d5	100	76.1	76		49	133
		2-Fluorobiphenyl	100	76.4	76		52	132
		2,4,6-Tribromophenol	150	124	83		44	137
		Terphenyl-d14	100	78.6	79		48	125
PB168026BS	PB168026BS	2-Fluorophenol	150	127	85		10	139
		Phenol-d6	150	117	78		10	134
		Nitrobenzene-d5	100	68.3	68		49	133
		2-Fluorobiphenyl	100	76.9	77		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	79.2	79		48	125
Q2019-04MS	MH-KMS	2-Fluorophenol	150	127	85		10	139
		Phenol-d6	150	115	77		10	134
		Nitrobenzene-d5	100	76.4	76		49	133
		2-Fluorobiphenyl	100	76.4	76		52	132
		2,4,6-Tribromophenol	150	131	87		44	137
		Terphenyl-d14	100	78.6	79		48	125
Q2019-04MSD	MH-KMSD	2-Fluorophenol	150	128	85		10	139
		Phenol-d6	150	115	77		10	134
		Nitrobenzene-d5	100	78.9	79		49	133
		2-Fluorobiphenyl	100	77.4	77		52	132
		2,4,6-Tribromophenol	150	140	93		44	137
		Terphenyl-d14	100	85.1	85		48	125
Q2027-03	B27-SOIL-SAMPLE	2-Fluorophenol	150	130	87		10	139
		Phenol-d6	150	110	73		10	134
		Nitrobenzene-d5	100	83.6	84		49	133
		2-Fluorobiphenyl	100	81.1	81		52	132
		2,4,6-Tribromophenol	150	157	105		44	137
		Terphenyl-d14	100	88.9	89		48	125
Q2027-04	B28-SOIL-SAMPLE	2-Fluorophenol	150	130	87		10	139
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	82.6	83		49	133
		2-Fluorobiphenyl	100	80.9	81		52	132
		2,4,6-Tribromophenol	150	171	114		44	137
		Terphenyl-d14	100	85.8	86		48	125

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2027

Client: Scalamandre – Tully JV

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2019-04MS		**Client Sample ID:** MH-KMS						**DataFile:** BP024665.D			
Pyridine	500	0	350	ug/L	70				10	109	
1,4-Dichlorobenzene	500	0	380	ug/L	76				55	125	
2-Methylphenol	500	0	430	ug/L	86				60	131	
3+4-Methylphenols	500	0	430	ug/L	86				54	136	
Hexachloroethane	500	0	350	ug/L	70				19	146	
Nitrobenzene	500	0	430	ug/L	86				62	112	
Hexachlorobutadiene	500	0	400	ug/L	80				52	125	
2,4,6-Trichlorophenol	500	0	480	ug/L	96				78	112	
2,4,5-Trichlorophenol	500	0	470	ug/L	94				71	111	
2,4-Dinitrotoluene	500	0	480	ug/L	96				74	137	
Hexachlorobenzene	500	0	450	ug/L	90				72	115	
Pentachlorophenol	1000	0	940	ug/L	94				52	162	

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2027

Client: Scalamandre – Tully JV

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2019-04MSD		**Client Sample ID:** MH-KMSD						**DataFile:** BP024666.D			
Pyridine	500	0	320	ug/L	64	9			10	109	20
1,4-Dichlorobenzene	500	0	390	ug/L	78	3			55	125	20
2-Methylphenol	500	0	430	ug/L	86	0			60	131	20
3+4-Methylphenols	500	0	420	ug/L	84	2			54	136	20
Hexachloroethane	500	0	370	ug/L	74	6			19	146	20
Nitrobenzene	500	0	430	ug/L	86	0			62	112	20
Hexachlorobutadiene	500	0	420	ug/L	84	5			52	125	20
2,4,6-Trichlorophenol	500	0	500	ug/L	100	4			78	112	20
2,4,5-Trichlorophenol	500	0	490	ug/L	98	4			71	111	20
2,4-Dinitrotoluene	500	0	490	ug/L	98	2			74	137	20
Hexachlorobenzene	500	0	470	ug/L	94	4			72	115	20
Pentachlorophenol	1000	0	990	ug/L	99	5			52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2027

Client: Scalamandre – Tully JV

Analytical Method: 8270E **DataFile:** BP024740.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168026BS	Pyridine	50	34.6	ug/L	69				29	97	
	1,4-Dichlorobenzene	50	41.8	ug/L	84				76	103	
	2-Methylphenol	50	40.2	ug/L	80				69	109	
	3+4-Methylphenols	50	39.6	ug/L	79				67	106	
	Hexachloroethane	50	39.0	ug/L	78				76	118	
	Nitrobenzene	50	39.0	ug/L	78				58	106	
	Hexachlorobutadiene	50	47.3	ug/L	95				69	101	
	2,4,6-Trichlorophenol	50	48.5	ug/L	97				61	110	
	2,4,5-Trichlorophenol	50	47.2	ug/L	94				70	106	
	2,4-Dinitrotoluene	50	45.4	ug/L	91				60	115	
	Hexachlorobenzene	50	46.4	ug/L	93				73	106	
	Pentachlorophenol	100	110	ug/L	110				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168026BL

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

Lab File ID: BP024652.D Lab Sample ID: PB168026BL

Instrument ID: BNA_P Date Extracted: 05/15/2025

Matrix: (soil/water) water Date Analyzed: 05/16/2025

Level: (low/med) LOW Time Analyzed: 11:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-KMS	Q2019-04MS	BP024665.D	05/16/2025
MH-KMSD	Q2019-04MSD	BP024666.D	05/16/2025
B27-SOIL-SAMPLE	Q2027-03	BP024683.D	05/17/2025
B28-SOIL-SAMPLE	Q2027-04	BP024684.D	05/17/2025
PB168026BS	PB168026BS	BP024740.D	05/21/2025
PB167994TB	PB167994TB	BP024670.D	05/17/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2027 SDG NO.: Q2027

Lab File ID: BP024613.D DFTPP Injection Date: 05/13/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.8
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024614.D	05/13/2025	10:41
SSTDICC005	SSTDICC005	BP024615.D	05/13/2025	11:22
SSTDICC010	SSTDICC010	BP024616.D	05/13/2025	12:03
SSTDICC020	SSTDICC020	BP024617.D	05/13/2025	12:43
SSTDICCC040	SSTDICCC040	BP024618.D	05/13/2025	13:24
SSTDICC050	SSTDICC050	BP024619.D	05/13/2025	14:05
SSTDICC060	SSTDICC060	BP024620.D	05/13/2025	14:45
SSTDICC080	SSTDICC080	BP024621.D	05/13/2025	15:26

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2027 SDG NO.: Q2027

Lab File ID: BP024650.D DFTPP Injection Date: 05/16/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	38.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024651.D	05/16/2025	10:49
PB168026BL	PB168026BL	BP024652.D	05/16/2025	11:30
MH-KMS	Q2019-04MS	BP024665.D	05/16/2025	20:22
MH-KMSD	Q2019-04MSD	BP024666.D	05/16/2025	21:03

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2027 SDG NO.: Q2027

Lab File ID: BP024668.D DFTPP Injection Date: 05/16/2025

Instrument ID: BNA_P DFTPP Injection Time: 23:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.6
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	25.4
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024669.D	05/16/2025	23:48
PB167994TB	PB167994TB	BP024670.D	05/17/2025	00:29
B27-SOIL-SAMPLE	Q2027-03	BP024683.D	05/17/2025	09:22
B28-SOIL-SAMPLE	Q2027-04	BP024684.D	05/17/2025	10:03

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2027 SDG NO.: Q2027

Lab File ID: BP024736.D DFTPP Injection Date: 05/21/2025

Instrument ID: BNA_P DFTPP Injection Time: 12:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	34.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024737.D	05/21/2025	14:48
PB168026BS	PB168026BS	BP024740.D	05/21/2025	16:50

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BP024651.D Time Analyzed: 10:49

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	118329	7.657	478267	10.43	294926	14.29
	UPPER LIMIT	236658	8.157	956534	10.928	589852	14.792
	LOWER LIMIT	59164.5	7.157	239134	9.928	147463	13.792
	EPA SAMPLE NO.						
01	PB168026BL	146507	7.66	552664	10.43	320573	14.29
02	MH-KMS	147267	7.66	583402	10.43	362698	14.29
03	MH-KMSD	154221	7.66	604431	10.43	384414	14.29

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BP024651.D Time Analyzed: 10:49

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	598372	17.092	737536	21.521	900629	24.809
	UPPER LIMIT	1196740	17.592	1475070	22.021	1801260	25.309
	LOWER LIMIT	299186	16.592	368768	21.021	450315	24.309
	EPA SAMPLE NO.						
01	PB168026BL	613837	17.09	714296	21.52	864537	24.81
02	MH-KMS	717901	17.09	829483	21.53	1012510	24.80
03	MH-KMSD	774001	17.09	841480	21.52	998856	24.81

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BP024669.D Time Analyzed: 23:48

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	115474	7.657	498465	10.43	335025	14.29
	UPPER LIMIT	230948	8.157	996930	10.928	670050	14.792
	LOWER LIMIT	57737	7.157	249233	9.928	167513	13.792
	EPA SAMPLE NO.						
01	PB167994TB	116197	7.66	458489	10.43	292863	14.29
02	B27-SOIL-SAMPLE	123558	7.66	488456	10.43	302716	14.29
03	B28-SOIL-SAMPLE	114942	7.66	431025	10.43	288797	14.29

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/16/2025

Lab File ID: BP024669.D Time Analyzed: 23:48

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	663361	17.086	775754	21.521	918787	24.792
	UPPER LIMIT	1326720	17.586	1551510	22.021	1837570	25.292
	LOWER LIMIT	331681	16.586	387877	21.021	459394	24.292
	EPA SAMPLE NO.						
01	PB167994TB	588603	17.09	710936	21.52	834201	24.80
02	B27-SOIL-SAMPLE	616433	17.09	751392	21.52	888364	24.80
03	B28-SOIL-SAMPLE	618450	17.09	785209	21.52	941035	24.81

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/21/2025

Lab File ID: BP024737.D Time Analyzed: 14:48

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	128557	7.646	504282	10.42	338214	14.29
	UPPER LIMIT	257114	8.146	1008560	10.916	676428	14.787
	LOWER LIMIT	64278.5	7.146	252141	9.916	169107	13.787
	EPA SAMPLE NO.						
01	PB168026BS	134273	7.65	511993	10.42	321175	14.29

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG NO.: Q2027

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/21/2025

Lab File ID: BP024737.D Time Analyzed: 14:48

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	643332	17.081	728456	21.51	831576	24.786
	UPPER LIMIT	1286660	17.581	1456910	22.01	1663150	25.286
	LOWER LIMIT	321666	16.581	364228	21.01	415788	24.286
	EPA SAMPLE NO.						
01	PB168026BS	621819	17.09	697911	21.51	814994	24.79

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	PB168026BL	SDG No.:	Q2027
Lab Sample ID:	PB168026BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024652.D	1	05/15/25 12:00	05/16/25 11:30	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		10 - 139	88%	SPK: 150
13127-88-3	Phenol-d6	122		10 - 134	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.1		49 - 133	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.4		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		44 - 137	83%	SPK: 150
1718-51-0	Terphenyl-d14	78.6		48 - 125	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	147000	7.663			
1146-65-2	Naphthalene-d8	553000	10.428			
15067-26-2	Acenaphthene-d10	321000	14.292			
1517-22-2	Phenanthrene-d10	614000	17.086			
1719-03-5	Chrysene-d12	714000	21.522			
1520-96-3	Perylene-d12	865000	24.81			

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Report of Analysis

Client:	Scalamandre – Tully JV			Date Collected:	
Project:	NYC DOT Harper Street Yard North			Date Received:	
Client Sample ID:	PB168026BL			SDG No.:	Q2027
Lab Sample ID:	PB168026BL			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024652.D	1	05/15/25 12:00	05/16/25 11:30	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	PB168026BS	SDG No.:	Q2027
Lab Sample ID:	PB168026BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024740.D	1	05/15/25 12:00	05/21/25 16:50	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	34.6		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	41.8		0.53	5.00	ug/L
95-48-7	2-Methylphenol	40.2		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	39.6		1.10	10.0	ug/L
67-72-1	Hexachloroethane	39.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	39.0		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.3		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	48.5		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.2		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	45.4		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	46.4		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		10 - 139	85%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 134	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.3		49 - 133	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.9		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		48 - 125	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000	7.652			
1146-65-2	Naphthalene-d8	512000	10.422			
15067-26-2	Acenaphthene-d10	321000	14.287			
1517-22-2	Phenanthrene-d10	622000	17.087			
1719-03-5	Chrysene-d12	698000	21.51			
1520-96-3	Perylene-d12	815000	24.792			

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Report of Analysis

Client:	Scalamandre – Tully JV			Date Collected:	
Project:	NYC DOT Harper Street Yard North			Date Received:	
Client Sample ID:	PB168026BS			SDG No.:	Q2027
Lab Sample ID:	PB168026BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024740.D	1	05/15/25 12:00	05/21/25 16:50	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/13/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	MH-KMS	SDG No.:	Q2027
Lab Sample ID:	Q2019-04MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024665.D	1	05/15/25 12:00	05/16/25 20:22	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	350		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	380		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	430		11.0	100	ug/L
67-72-1	Hexachloroethane	350		6.50	50.0	ug/L
98-95-3	Nitrobenzene	430		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	400		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	480		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	470		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	480		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	450		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	940	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		10 - 139	85%	SPK: 150
13127-88-3	Phenol-d6	115		10 - 134	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.4		49 - 133	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.4		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		44 - 137	87%	SPK: 150
1718-51-0	Terphenyl-d14	78.6		48 - 125	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	147000	7.658			
1146-65-2	Naphthalene-d8	583000	10.434			
15067-26-2	Acenaphthene-d10	363000	14.293			
1517-22-2	Phenanthrene-d10	718000	17.092			
1719-03-5	Chrysene-d12	829000	21.527			
1520-96-3	Perylene-d12	1010000	24.804			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/13/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	MH-KMS	SDG No.:	Q2027
Lab Sample ID:	Q2019-04MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024665.D	1	05/15/25 12:00	05/16/25 20:22	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/13/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	MH-KMSD	SDG No.:	Q2027
Lab Sample ID:	Q2019-04MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024666.D	1	05/15/25 12:00	05/16/25 21:03	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	320		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	390		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	420		11.0	100	ug/L
67-72-1	Hexachloroethane	370		6.50	50.0	ug/L
98-95-3	Nitrobenzene	430		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	420		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	500		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	490		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	490		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	470		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	990	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		10 - 139	85%	SPK: 150
13127-88-3	Phenol-d6	115		10 - 134	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.9		49 - 133	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.4		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		44 - 137	93%	SPK: 150
1718-51-0	Terphenyl-d14	85.1		48 - 125	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	7.663			
1146-65-2	Naphthalene-d8	604000	10.428			
15067-26-2	Acenaphthene-d10	384000	14.293			
1517-22-2	Phenanthrene-d10	774000	17.087			
1719-03-5	Chrysene-d12	841000	21.522			
1520-96-3	Perylene-d12	999000	24.81			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/13/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	MH-KMSD	SDG No.:	Q2027
Lab Sample ID:	Q2019-04MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024666.D	1	05/15/25 12:00	05/16/25 21:03	PB168026

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
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CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG No.: Q2027

Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025

Calibration Time(s): 10:41 15:26

LAB FILE ID: RRF2.5 = BP024614.D RRF005 = BP024615.D RRF010 = BP024616.D
RRF020 = BP024617.D RRF040 = BP024618.D RRF050 = BP024619.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.054	1.135	1.202	1.198	1.363	1.218	8.6
2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.169	5.5
Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.492	9.1
1,4-Dichlorobenzene		1.558	1.505	1.525	1.470	1.637	1.536	3.7
2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.105	10.3
3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.503	12.2
Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.396	4.7
Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.589	4.0
Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.348	4.0
Hexachlorobutadiene		0.231	0.214	0.211	0.198	0.222	0.213	5.1
2,4,6-Trichlorophenol		0.305	0.341	0.375	0.371	0.428	0.376	11.3
2-Fluorobiphenyl		1.601	1.498	1.553	1.432	1.602	1.527	4.1
2,4,5-Trichlorophenol		0.376	0.375	0.418	0.404	0.471	0.419	8.7
2,4-Dinitrotoluene		0.400	0.422	0.456	0.454	0.508	0.454	7.9
2,4,6-Tribromophenol		0.324	0.321	0.335	0.323	0.369	0.339	5.5
Hexachlorobenzene		0.303	0.288	0.298	0.282	0.321	0.299	4.2
Pentachlorophenol		0.124	0.137	0.163	0.172	0.198	0.168	17.1
Terphenyl-d14		1.192	1.113	1.165	1.125	1.226	1.166	3.3

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG No.: Q2027

Instrument ID: BNA_P Calibration Date/Time: 05/16/2025 10:49

Lab File ID: BP024651.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.218	1.186		-2.6	
2-Fluorophenol	1.169	1.160		-0.8	
Phenol-d6	1.492	1.444		-3.2	
1,4-Dichlorobenzene	1.536	1.462		-4.8	20.0
2-Methylphenol	1.105	1.046		-5.3	
3+4-Methylphenols	1.503	1.423		-5.3	
Nitrobenzene-d5	0.396	0.381		-3.8	
Hexachloroethane	0.589	0.540		-8.3	
Nitrobenzene	0.348	0.332		-4.6	
Hexachlorobutadiene	0.213	0.203		-4.7	20.0
2,4,6-Trichlorophenol	0.376	0.391		4.0	20.0
2-Fluorobiphenyl	1.527	1.467		-3.9	
2,4,5-Trichlorophenol	0.419	0.429		2.4	
2,4-Dinitrotoluene	0.454	0.461		1.5	
2,4,6-Tribromophenol	0.339	0.336		-0.9	
Hexachlorobenzene	0.299	0.284		-5.0	
Pentachlorophenol	0.168	0.175		4.2	20.0
Terphenyl-d14	1.166	1.069		-8.3	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG No.: Q2027

Instrument ID: BNA_P Calibration Date/Time: 05/16/2025 23:48

Lab File ID: BP024669.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.218	1.095		-10.1	
2-Fluorophenol	1.169	1.153		-1.4	
Phenol-d6	1.492	1.425		-4.5	
1,4-Dichlorobenzene	1.536	1.489		-3.1	20.0
2-Methylphenol	1.105	1.070		-3.2	
3+4-Methylphenols	1.503	1.482		-1.4	
Nitrobenzene-d5	0.396	0.370		-6.6	
Hexachloroethane	0.589	0.556		-5.6	
Nitrobenzene	0.348	0.329		-5.5	
Hexachlorobutadiene	0.213	0.212		-0.5	20.0
2,4,6-Trichlorophenol	0.376	0.381		1.3	20.0
2-Fluorobiphenyl	1.527	1.462		-4.3	
2,4,5-Trichlorophenol	0.419	0.417		-0.5	
2,4-Dinitrotoluene	0.454	0.452		-0.4	
2,4,6-Tribromophenol	0.339	0.326		-3.8	
Hexachlorobenzene	0.299	0.288		-3.7	
Pentachlorophenol	0.168	0.144		-14.3	20.0
Terphenyl-d14	1.166	1.105		-5.2	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2027 SAS No.: Q2027 SDG No.: Q2027

Instrument ID: BNA_P Calibration Date/Time: 05/21/2025 14:48

Lab File ID: BP024737.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.218	1.021		-16.2	
2-Fluorophenol	1.169	1.095		-6.3	
Phenol-d6	1.492	1.334		-10.6	
1,4-Dichlorobenzene	1.536	1.467		-4.5	20.0
2-Methylphenol	1.105	1.000		-9.5	
3+4-Methylphenols	1.503	1.354		-9.9	
Nitrobenzene-d5	0.396	0.360		-9.1	
Hexachloroethane	0.589	0.530		-10.0	
Nitrobenzene	0.348	0.312		-10.3	
Hexachlorobutadiene	0.213	0.222		4.2	20.0
2,4,6-Trichlorophenol	0.376	0.387		2.9	20.0
2-Fluorobiphenyl	1.527	1.480		-3.1	
2,4,5-Trichlorophenol	0.419	0.416		-0.7	
2,4-Dinitrotoluene	0.454	0.452		-0.4	
2,4,6-Tribromophenol	0.339	0.356		5.0	
Hexachlorobenzene	0.299	0.303		1.3	
Pentachlorophenol	0.168	0.184		9.5	20.0
Terphenyl-d14	1.166	1.170		0.3	

All other compounds must meet a minimum RRF of 0.010.