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

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : NYC DOT HARPER STREET YARD NORTH

SCALAMANDRE – TULLY JV

157 Albany Ave

Freeport, NY - 11520

Phone No: 646-789-3197

ORDER ID : Q2161

ATTENTION : Dean Devoe

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2161

Project ID : NYC DOT Harper Street Yard North

Client : Scalamandre – Tully JV

Lab Sample Number	Client Sample Number
Q2161-01	B27-SOIL-SAMPLE
Q2161-02	B28-SOIL-SAMPLE

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:40 am, Jun 13, 2025

Date: 6/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Scalamandre – Tully JV
Project Name: NYC DOT Harper Street Yard North
Project # N/A
Order ID # Q2161
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 05/13/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:

The Holding Times were not met for samples B27-SOIL-SAMPLE and B28-SOIL-SAMPLE, as samples activated out of hold.

The Surrogate recoveries met the acceptable criteria except for,
B27-SOIL-SAMPLE [Dibromofluoromethane - 42%], as VIAL A analyzed but did not purge as a corrective action VIAL B analyzed but surrogate Fail, therefore VIAL B reported as final analysis While,

For B28-SOIL-SAMPLE [1,2-Dichloroethane-d4 - 54%, Dibromofluoromethane - 42%], VIAL A analyzed but Surrogate Fail as a corrective action VIAL B analyzed but did not purge therefore VIAL A reported as final analysis.

The Internal Standards Areas met the acceptable requirements except for,
B27-SOIL-SAMPLE VIAL A analyzed but did not purge as a corrective action VIAL B analyzed but Internal standard Fail, therefore VIAL B reported as final analysis While,

For B28-SOIL-SAMPLE VIAL A analyzed but Internal standard Fail, as a corrective action VIAL B analyzed but did not purge therefore VIAL A reported as final analysis.

The Retention Times were acceptable for all samples.

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The RPD for {VY0530SBSD01} with File ID: VY022475.D met criteria except for Chloromethane[26%], Due to difference in results of BS- BSD.

The Blank Spike for {VY0530SBS01} with File ID: VY022474.D met requirements for all samples except for Bromomethane[144%], Chloroethane[136%], failing high but no positive hit in associated samples therefore no corrective action taken.

The Blank Spike Duplicate for {VY0530SBSD01} with File ID: VY022475.D met requirements for all samples except for Chloroethane[131%], failing high but no positive hit in associated samples therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VY022472.D met the requirements except for Acetone, 2-Butanone failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:44 am, Jun 13, 2025

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CASE NARRATIVE

Scalamandre – Tully JV
Project Name: NYC DOT Harper Street Yard North
Project # N/A
Order ID # Q2161
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 05/13/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were not met for samples B27-SOIL-SAMPLE and B28-SOILSAMPLE, as samples activated out of hold.

The Surrogate recoveries met the acceptable criteria except for B28-SOIL-SAMPLE [2,4,6-Tribromophenol - 7% and 2-Fluorophenol - 17%], are marginally biased low due to matrix interference,Therefore no corrective action was taken.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .

The Blank Spike for {PB168234BS} with File ID: BF142726.D met requirements for all samples except for 3,3-Dichlorobenzidine[38%],was marginally biased low Therefore no corrective action was taken.

The Blank analysis did not indicate the presence of lab contamination.

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The Initial Calibration (8270-BP060625.M) for 2,4-Dinitrophenol, 4-Nitrophenol these compound are passing on Linear Regression.
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

Sample B27-SOIL-SAMPLE was directly diluted with 2X due to bad matrix of the sample and presence of nontargeted hydrocarbons .

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2161

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 06/13/2025

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LAB CHRONICLE

OrderID:	Q2161	**OrderDate:**	5/30/2025 11:29:00 AM
Client:	Scalamandre – Tully JV	**Project:**	NYC DOT Harper Street Yard North
Contact:	Dean Devoe	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2161-01	**B27-SOIL-SAMPLE**	**SOIL**			**05/12/25**			**05/13/25**
			VOCMS Group1	8260D			06/02/25	
Q2161-02	**B28-SOIL-SAMPLE**	**SOIL**			**05/12/25**			**05/13/25**
			VOCMS Group1	8260D			05/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

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

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
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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.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.8
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022508.D	1		06/02/25 19:31	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	4.70	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	0.74	U	0.74	4.70	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.70	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.99	U	0.99	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.94	U	0.94	4.70	ug/Kg
67-64-1	Acetone	4.40	U	4.40	23.5	ug/Kg
75-15-0	Carbon Disulfide	0.99	U	0.99	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.69	U	0.69	4.70	ug/Kg
79-20-9	Methyl Acetate	1.40	U	1.40	4.70	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.81	U	0.81	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.75	U	0.75	4.70	ug/Kg
110-82-7	Cyclohexane	0.74	U	0.74	4.70	ug/Kg
78-93-3	2-Butanone	6.10	U	6.10	23.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.91	U	0.91	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.70	U	0.70	4.70	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	4.70	ug/Kg
67-66-3	Chloroform	0.79	U	0.79	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	4.70	ug/Kg
108-87-2	Methylcyclohexane	0.85	U	0.85	4.70	ug/Kg
71-43-2	Benzene	0.74	U	0.74	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.74	U	0.74	4.70	ug/Kg
79-01-6	Trichloroethene	0.76	U	0.76	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.85	U	0.85	4.70	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.40	U	3.40	23.5	ug/Kg
108-88-3	Toluene	0.73	U	0.73	4.70	ug/Kg

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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.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.8
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022508.D	1		06/02/25 19:31	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.61	U	0.61	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	0.86	4.70	ug/Kg
591-78-6	2-Hexanone	3.50	U	3.50	23.5	ug/Kg
124-48-1	Dibromochloromethane	0.82	U	0.82	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.83	U	0.83	4.70	ug/Kg
127-18-4	Tetrachloroethene	0.99	U	0.99	4.70	ug/Kg
108-90-7	Chlorobenzene	0.85	U	0.85	4.70	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	4.70	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.40	ug/Kg
95-47-6	o-Xylene	0.77	U	0.77	4.70	ug/Kg
100-42-5	Styrene	0.67	U	0.67	4.70	ug/Kg
75-25-2	Bromoform	0.81	U	0.81	4.70	ug/Kg
98-82-8	Isopropylbenzene	0.73	U	0.73	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.80	U	2.80	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	3.00	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.8		63 - 155	78%	SPK: 50
1868-53-7	Dibromofluoromethane	20.9	*	70 - 134	42%	SPK: 50
2037-26-5	Toluene-d8	43.8		74 - 123	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	22.8		17 - 146	46%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	13400	7.713			
540-36-3	1,4-Difluorobenzene	20000	8.616			
3114-55-4	Chlorobenzene-d5	11700	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	2340	13.353			

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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.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.8
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022508.D	1		06/02/25 19:31	VY060225

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:	B28-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022485.D	1		05/30/25 17:48	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	6.30	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.30	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.30	ug/Kg
74-83-9	Bromomethane	1.30	UQ	1.30	6.30	ug/Kg
75-00-3	Chloroethane	1.60	UQ	1.60	6.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.50	U	1.50	6.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.30	U	1.30	6.30	ug/Kg
67-64-1	Acetone	6.00	U	6.00	31.5	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	6.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.92	U	0.92	6.30	ug/Kg
79-20-9	Methyl Acetate	1.90	U	1.90	6.30	ug/Kg
75-09-2	Methylene Chloride	4.50	U	4.50	12.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.30	ug/Kg
75-34-3	1,1-Dichloroethane	1.00	U	1.00	6.30	ug/Kg
110-82-7	Cyclohexane	1.00	U	1.00	6.30	ug/Kg
78-93-3	2-Butanone	8.20	U	8.20	31.5	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	6.30	ug/Kg
74-97-5	Bromochloromethane	1.50	U	1.50	6.30	ug/Kg
67-66-3	Chloroform	1.10	U	1.10	6.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.30	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.30	ug/Kg
71-43-2	Benzene	1.00	U	1.00	6.30	ug/Kg
107-06-2	1,2-Dichloroethane	1.00	U	1.00	6.30	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.30	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	6.30	ug/Kg
75-27-4	Bromodichloromethane	0.98	U	0.98	6.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.50	U	4.50	31.5	ug/Kg
108-88-3	Toluene	0.98	U	0.98	6.30	ug/Kg

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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.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022485.D	1		05/30/25 17:48	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.82	U	0.82	6.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.78	U	0.78	6.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.20	U	1.20	6.30	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	31.5	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	6.30	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.30	ug/Kg
127-18-4	Tetrachloroethene	1.30	U	1.30	6.30	ug/Kg
108-90-7	Chlorobenzene	1.10	U	1.10	6.30	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	0.84	6.30	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	12.6	ug/Kg
95-47-6	o-Xylene	1.00	U	1.00	6.30	ug/Kg
100-42-5	Styrene	0.90	U	0.90	6.30	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.30	ug/Kg
98-82-8	Isopropylbenzene	0.98	U	0.98	6.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1.50	6.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	2.20	6.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	2.00	6.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.80	6.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	2.30	6.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.70	U	3.70	6.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.00	U	4.00	6.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.2	*	63 - 155	54%	SPK: 50
1868-53-7	Dibromofluoromethane	20.9	*	70 - 134	42%	SPK: 50
2037-26-5	Toluene-d8	42.2		74 - 123	84%	SPK: 50
460-00-4	4-Bromofluorobenzene	21.2		17 - 146	42%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	21400	7.713			
540-36-3	1,4-Difluorobenzene	29800	8.616			
3114-55-4	Chlorobenzene-d5	15100	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	2930	13.347			

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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.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022485.D	1		05/30/25 17:48	VY053025

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

QC SUMMARY

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Surrogate Summary

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q2161-01	B27-SOIL-SAMPLE	1,2-Dichloroethane-d4	50	38.8	78		63	155
		Dibromofluoromethane	50	20.9	42	*	70	134
		Toluene-d8	50	43.8	88		74	123
		4-Bromofluorobenzene	50	22.8	46		17	146
Q2161-02	B28-SOIL-SAMPLE	1,2-Dichloroethane-d4	50	27.2	54	*	63	155
		Dibromofluoromethane	50	20.9	42	*	70	134
		Toluene-d8	50	42.2	84		74	123
		4-Bromofluorobenzene	50	21.2	42		17	146
VY0530SBL01	VY0530SBL01	1,2-Dichloroethane-d4	50	53.5	107		63	155
		Dibromofluoromethane	50	51.4	103		70	134
		Toluene-d8	50	49.9	100		74	123
		4-Bromofluorobenzene	50	40.7	81		17	146
VY0530SBS01	VY0530SBS01	1,2-Dichloroethane-d4	50	57.4	115		63	155
		Dibromofluoromethane	50	52.0	104		70	134
		Toluene-d8	50	52.3	105		74	123
		4-Bromofluorobenzene	50	50.6	101		17	146
VY0530SBSD01	VY0530SBSD01	1,2-Dichloroethane-d4	50	55.4	111		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	48.5	97		17	146
VY0602SBL02	VY0602SBL02	1,2-Dichloroethane-d4	50	53.2	106		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	49.7	99		74	123
		4-Bromofluorobenzene	50	42.8	86		17	146
VY0602SBS01	VY0602SBS01	1,2-Dichloroethane-d4	50	50.8	102		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	50.8	101		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022474.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0530SBS01	Dichlorodifluoromethane	20	23.7	ug/Kg	119			64	136	
	Chloromethane	20	29.4	ug/Kg	147			52	151	
	Vinyl chloride	20	27.2	ug/Kg	136			56	148	
	Bromomethane	20	28.7	ug/Kg	144		*	58	141	
	Chloroethane	20	27.2	ug/Kg	136		*	69	130	
	Trichlorofluoromethane	20	26.1	ug/Kg	131			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.6	ug/Kg	113			81	123	
	1,1-Dichloroethene	20	23.1	ug/Kg	116			79	121	
	Acetone	100	110	ug/Kg	110			40	171	
	Carbon disulfide	20	22.3	ug/Kg	112			59	130	
	Methyl tert-butyl Ether	20	23.0	ug/Kg	115			77	129	
	Methyl Acetate	20	25.3	ug/Kg	127			69	149	
	Methylene Chloride	20	24.1	ug/Kg	121			72	131	
	trans-1,2-Dichloroethene	20	23.0	ug/Kg	115			80	123	
	1,1-Dichloroethane	20	23.9	ug/Kg	119			82	123	
	Cyclohexane	20	22.0	ug/Kg	110			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	21.3	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	22.9	ug/Kg	115			82	123	
	Bromochloromethane	20	24.0	ug/Kg	120			80	127	
	Chloroform	20	24.0	ug/Kg	120			82	125	
	1,1,1-Trichloroethane	20	22.8	ug/Kg	114			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	21.7	ug/Kg	109			84	121	
	1,2-Dichloroethane	20	21.8	ug/Kg	109			81	126	
	Trichloroethene	20	20.9	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	21.5	ug/Kg	108			83	122	
	Bromodichloromethane	20	21.8	ug/Kg	109			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.5	ug/Kg	108			83	122	
	t-1,3-Dichloropropene	20	21.1	ug/Kg	106			78	124	
	cis-1,3-Dichloropropene	20	20.9	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103			82	125	
	2-Hexanone	100	96.5	ug/Kg	97			66	138	
	Dibromochloromethane	20	21.0	ug/Kg	105			79	125	
	1,2-Dibromoethane	20	20.4	ug/Kg	102			80	125	
	Tetrachloroethene	20	20.5	ug/Kg	103			83	125	
	Chlorobenzene	20	21.3	ug/Kg	106			84	122	
	Ethyl Benzene	20	20.8	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.3	ug/Kg	103			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	20.6	ug/Kg	103			82	124	
	Bromoform	20	20.6	ug/Kg	103			75	127	
	Isopropylbenzene	20	21.3	ug/Kg	106			82	124	
	1,1,2,2-Tetrachloroethane	20	21.3	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105			83	122	
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106			84	121	
	1,2-Dichlorobenzene	20	21.5	ug/Kg	108			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022474.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0530SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	20.2	ug/Kg	101			78	127	
	1,2,3-Trichlorobenzene	20	20.8	ug/Kg	104			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022475.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0530SBSD01	Dichlorodifluoromethane	20	22.8	ug/Kg	114	4		64	136	20
	Chloromethane	20	22.5	ug/Kg	113	26	*	52	151	20
	Vinyl chloride	20	24.0	ug/Kg	120	13		56	148	20
	Bromomethane	20	25.9	ug/Kg	130	10		58	141	20
	Chloroethane	20	26.2	ug/Kg	131	4	*	69	130	20
	Trichlorofluoromethane	20	25.1	ug/Kg	126	4		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	22.2	ug/Kg	111	2		81	123	20
	1,1-Dichloroethene	20	22.2	ug/Kg	111	4		79	121	20
	Acetone	100	120	ug/Kg	120	9		40	171	20
	Carbon disulfide	20	21.5	ug/Kg	108	4		59	130	20
	Methyl tert-butyl Ether	20	23.1	ug/Kg	116	1		77	129	20
	Methyl Acetate	20	24.2	ug/Kg	121	5		69	149	20
	Methylene Chloride	20	21.9	ug/Kg	110	10		72	131	20
	trans-1,2-Dichloroethene	20	21.8	ug/Kg	109	5		80	123	20
	1,1-Dichloroethane	20	22.8	ug/Kg	114	4		82	123	20
	Cyclohexane	20	21.3	ug/Kg	106	4		76	122	20
	2-Butanone	100	110	ug/Kg	110	0		69	131	20
	Carbon Tetrachloride	20	20.8	ug/Kg	104	2		76	129	20
	cis-1,2-Dichloroethene	20	22.4	ug/Kg	112	3		82	123	20
	Bromochloromethane	20	22.9	ug/Kg	115	4		80	127	20
	Chloroform	20	23.4	ug/Kg	117	3		82	125	20
	1,1,1-Trichloroethane	20	22.2	ug/Kg	111	3		80	126	20
	Methylcyclohexane	20	20.0	ug/Kg	100	4		77	123	20
	Benzene	20	21.6	ug/Kg	108	1		84	121	20
	1,2-Dichloroethane	20	22.2	ug/Kg	111	2		81	126	20
	Trichloroethene	20	20.9	ug/Kg	104	0		83	122	20
	1,2-Dichloropropane	20	22.1	ug/Kg	111	3		83	122	20
	Bromodichloromethane	20	21.5	ug/Kg	108	1		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	10		70	135	20
	Toluene	20	21.1	ug/Kg	106	2		83	122	20
	t-1,3-Dichloropropene	20	20.2	ug/Kg	101	5		78	124	20
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104	0		81	122	20
	1,1,2-Trichloroethane	20	21.6	ug/Kg	108	5		82	125	20
	2-Hexanone	100	110	ug/Kg	110	13		66	138	20
	Dibromochloromethane	20	20.8	ug/Kg	104	1		79	125	20
	1,2-Dibromoethane	20	21.5	ug/Kg	108	6		80	125	20
	Tetrachloroethene	20	20.5	ug/Kg	103	0		83	125	20
	Chlorobenzene	20	21.4	ug/Kg	107	1		84	122	20
	Ethyl Benzene	20	20.6	ug/Kg	103	1		82	124	20
	m/p-Xylenes	40	40.9	ug/Kg	102	1		83	124	20
	o-Xylene	20	20.7	ug/Kg	104	2		83	123	20
	Styrene	20	20.6	ug/Kg	103	0		82	124	20
	Bromoform	20	21.1	ug/Kg	106	3		75	127	20
	Isopropylbenzene	20	21.1	ug/Kg	106	0		82	124	20
	1,1,2,2-Tetrachloroethane	20	22.8	ug/Kg	114	7		77	127	20
	1,3-Dichlorobenzene	20	20.9	ug/Kg	104	1		83	122	20
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106	0		84	121	20
	1,2-Dichlorobenzene	20	21.7	ug/Kg	109	1		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022475.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0530SBSD01	1,2-Dibromo-3-Chloropropane	20	22.6	ug/Kg	113	12		66	134	20
	1,2,4-Trichlorobenzene	20	21.5	ug/Kg	108	7		78	127	20
	1,2,3-Trichlorobenzene	20	22.4	ug/Kg	112	7		70	137	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022500.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0602SBS01	Dichlorodifluoromethane	20	22.1	ug/Kg	111			64	136	
	Chloromethane	20	19.1	ug/Kg	96			52	151	
	Vinyl chloride	20	20.5	ug/Kg	103			56	148	
	Bromomethane	20	21.8	ug/Kg	109			58	141	
	Chloroethane	20	20.8	ug/Kg	104			69	130	
	Trichlorofluoromethane	20	22.2	ug/Kg	111			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	87.0	ug/Kg	87			40	171	
	Carbon disulfide	20	20.3	ug/Kg	102			59	130	
	Methyl tert-butyl Ether	20	20.5	ug/Kg	103			77	129	
	Methyl Acetate	20	21.6	ug/Kg	108			69	149	
	Methylene Chloride	20	19.1	ug/Kg	96			72	131	
	trans-1,2-Dichloroethene	20	20.9	ug/Kg	104			80	123	
	1,1-Dichloroethane	20	20.6	ug/Kg	103			82	123	
	Cyclohexane	20	20.2	ug/Kg	101			76	122	
	2-Butanone	100	96.6	ug/Kg	97			69	131	
	Carbon Tetrachloride	20	20.0	ug/Kg	100			76	129	
	cis-1,2-Dichloroethene	20	20.8	ug/Kg	104			82	123	
	Bromochloromethane	20	20.1	ug/Kg	101			80	127	
	Chloroform	20	21.0	ug/Kg	105			82	125	
	1,1,1-Trichloroethane	20	21.3	ug/Kg	106			80	126	
	Methylcyclohexane	20	20.5	ug/Kg	103			77	123	
	Benzene	20	20.6	ug/Kg	103			84	121	
	1,2-Dichloroethane	20	20.6	ug/Kg	103			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	20.8	ug/Kg	104			83	122	
	Bromodichloromethane	20	21.0	ug/Kg	105			82	123	
	4-Methyl-2-Pentanone	100	98.7	ug/Kg	99			70	135	
	Toluene	20	20.0	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	20	19.8	ug/Kg	99			78	124	
	cis-1,3-Dichloropropene	20	20.4	ug/Kg	102			81	122	
	1,1,2-Trichloroethane	20	20.2	ug/Kg	101			82	125	
	2-Hexanone	100	96.4	ug/Kg	96			66	138	
	Dibromochloromethane	20	19.9	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	20.7	ug/Kg	104			80	125	
	Tetrachloroethene	20	20.8	ug/Kg	104			83	125	
	Chlorobenzene	20	20.3	ug/Kg	102			84	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	39.6	ug/Kg	99			83	124	
	o-Xylene	20	19.8	ug/Kg	99			83	123	
	Styrene	20	19.4	ug/Kg	97			82	124	
	Bromoform	20	19.6	ug/Kg	98			75	127	
	Isopropylbenzene	20	19.6	ug/Kg	98			82	124	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/Kg	101			77	127	
	1,3-Dichlorobenzene	20	19.2	ug/Kg	96			83	122	
	1,4-Dichlorobenzene	20	19.6	ug/Kg	98			84	121	
	1,2-Dichlorobenzene	20	20.0	ug/Kg	100			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022500.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0602SBS01	1,2-Dibromo-3-Chloropropane	20	21.0	ug/Kg	105			66	134	
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	21.0	ug/Kg	105			70	137	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0530SBL01

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022473.D Lab Sample ID: VY0530SBL01

Date Analyzed: 05/30/2025 Time Analyzed: 12:42

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0530SBS01	VY0530SBS01	VY022474.D	05/30/2025
VY0530SBSD01	VY0530SBSD01	VY022475.D	05/30/2025
B28-SOIL-SAMPLE	Q2161-02	VY022485.D	05/30/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0602SBL02

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022499.D Lab Sample ID: VY0602SBL02

Date Analyzed: 06/02/2025 Time Analyzed: 16:00

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0602SBS01	VY0602SBS01	VY022500.D	06/02/2025
B27-SOIL-SAMPLE	Q2161-01	VY022508.D	06/02/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022420.D BFB Injection Date: 05/27/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.1 (1.2) 1
174	50.0 - 100.0% of mass 95	88.8
175	5.0 - 9.0% of mass 174	6.7 (7.6) 1
176	95.0 - 101.0% of mass 174	85.7 (96.4) 1
177	5.0 - 9.0% of mass 176	5.5 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDICC005	VSTDICC005	VY022421.D	05/27/2025	08:50
VSTDICC010	VSTDICC010	VY022422.D	05/27/2025	09:14
VSTDICC020	VSTDICC020	VY022423.D	05/27/2025	09:36
VSTDICCC050	VSTDICCC050	VY022424.D	05/27/2025	09:59
VSTDICC100	VSTDICC100	VY022425.D	05/27/2025	10:22
VSTDICC150	VSTDICC150	VY022426.D	05/27/2025	10:44

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022471.D BFB Injection Date: 05/30/2025

Instrument ID: MSVOA_Y BFB Injection Time: 07:54

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.9
75	30.0 - 60.0% of mass 95	57.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	1.1 (1.4) 1
174	50.0 - 100.0% of mass 95	83
175	5.0 - 9.0% of mass 174	6.4 (7.7) 1
176	95.0 - 101.0% of mass 174	81.1 (97.7) 1
177	5.0 - 9.0% of mass 176	5.1 (6.3) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDCCC050	VSTDCCC050	VY022472.D	05/30/2025	11:20
VY0530SBL01	VY0530SBL01	VY022473.D	05/30/2025	12:42
VY0530SBS01	VY0530SBS01	VY022474.D	05/30/2025	13:14
VY0530SBSD01	VY0530SBSD01	VY022475.D	05/30/2025	13:37
B28-SOIL-SAMPLE	Q2161-02	VY022485.D	05/30/2025	17:48

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022488.D BFB Injection Date: 06/02/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:31

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.6
75	30.0 - 60.0% of mass 95	58.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	86.2
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.5 (95.6) 1
177	5.0 - 9.0% of mass 176	5.4 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDICC005	VSTDICC005	VY022491.D	06/02/2025	11:46
VSTDICC010	VSTDICC010	VY022492.D	06/02/2025	12:09
VSTDICC020	VSTDICC020	VY022493.D	06/02/2025	12:32
VSTDICCC050	VSTDICCC050	VY022494.D	06/02/2025	12:54
VSTDICC100	VSTDICC100	VY022495.D	06/02/2025	13:17
VSTDICC150	VSTDICC150	VY022496.D	06/02/2025	13:39
VY0602SBL02	VY0602SBL02	VY022499.D	06/02/2025	16:00
VY0602SBS01	VY0602SBS01	VY022500.D	06/02/2025	16:24
B27-SOIL-SAMPLE	Q2161-01	VY022508.D	06/02/2025	19:31

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022472.D Date Analyzed: 05/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #		RT #	IS2 AREA #		RT #	IS3 AREA #		RT #
12 HOUR STD	214827		7.71	359018		8.62	302615		11.42
UPPER LIMIT	429654		8.207	718036		9.116	605230		11.92
LOWER LIMIT	107414		7.207	179509		8.116	151308		10.92
EPA SAMPLE NO.									
B28-SOIL-SAMPLE	21427	*	7.71	29760	*	8.62	15121	*	11.41
VY0530SBL01	294864		7.71	538664		8.62	419577		11.42
VY0530SBS01	186406		7.71	333200		8.62	281139		11.41
VY0530SBSD01	192865		7.71	341345		8.62	286239		11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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 LOWER 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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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022472.D Date Analyzed: 05/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #		RT #				
12 HOUR STD	141076		13.347				
UPPER LIMIT	282152		13.847				
LOWER LIMIT	70538		12.847				
EPA SAMPLE NO.							
B28-SOIL-SAMPLE	2932	*	13.35				
VY0530SBL01	145190		13.35				
VY0530SBS01	126345		13.35				
VY0530SBSD01	129296		13.35				

IS4 = 1,4-Dichlorobenzene-d4

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 LOWER 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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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022494.D Date Analyzed: 06/02/2025

Instrument ID: MSVOA_Y Time Analyzed: 12:54

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #		RT #	IS2 AREA #		RT #	IS3 AREA #		RT #
12 HOUR STD	209963		7.71	350947		8.62	298187		11.42
UPPER LIMIT	419926		8.213	701894		9.116	596374		11.92
LOWER LIMIT	104982		7.213	175474		8.116	149094		10.92
EPA SAMPLE NO.									
B27-SOIL-SAMPLE	13361	*	7.71	19969	*	8.62	11738	*	11.42
VY0602SBL02	309051		7.71	557091		8.62	442919		11.41
VY0602SBS01	201633		7.71	342745		8.62	291387		11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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 LOWER 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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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022494.D Date Analyzed: 06/02/2025

Instrument ID: MSVOA_Y Time Analyzed: 12:54

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #		RT #				
12 HOUR STD	139554		13.347				
UPPER LIMIT	279108		13.847				
LOWER LIMIT	69777		12.847				
EPA SAMPLE NO.							
B27-SOIL-SAMPLE	2342	*	13.35				
VY0602SBL02	162489		13.35				
VY0602SBS01	136847		13.35				

IS4 = 1,4-Dichlorobenzene-d4

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 LOWER 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:	VY0530SBL01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022473.D	1		05/30/25 12:42	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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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:	VY0530SBL01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022473.D	1		05/30/25 12:42	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	49.9		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.7		17 - 146	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	295000	7.707			
540-36-3	1,4-Difluorobenzene	539000	8.616			
3114-55-4	Chlorobenzene-d5	420000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.347			

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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:	VY0530SBL01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022473.D	1		05/30/25 12:42	VY053025

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:	VY0602SBL02	SDG No.:	Q2161
Lab Sample ID:	VY0602SBL02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022499.D	1		06/02/25 16:00	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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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:	VY0602SBL02	SDG No.:	Q2161
Lab Sample ID:	VY0602SBL02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022499.D	1		06/02/25 16:00	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.7		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		17 - 146	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	309000	7.707			
540-36-3	1,4-Difluorobenzene	557000	8.616			
3114-55-4	Chlorobenzene-d5	443000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	162000	13.347			

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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:	VY0602SBL02	SDG No.:	Q2161
Lab Sample ID:	VY0602SBL02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022499.D	1		06/02/25 16:00	VY060225

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:	VY0530SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022474.D	1		05/30/25 13:14	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	23.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	29.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	27.2		0.79	5.00	ug/Kg
74-83-9	Bromomethane	28.7		1.10	5.00	ug/Kg
75-00-3	Chloroethane	27.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	26.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	23.1		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23.0		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	25.3		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	23.0		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	23.9		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	22.0		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.3		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	24.0		1.20	5.00	ug/Kg
67-66-3	Chloroform	24.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.8		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	21.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.5		0.78	5.00	ug/Kg

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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:	VY0530SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022474.D	1		05/30/25 13:14	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.1		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.9		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	96.5		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.4		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.6		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.3		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.0		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	52.3		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	186000	7.707			
540-36-3	1,4-Difluorobenzene	333000	8.616			
3114-55-4	Chlorobenzene-d5	281000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	126000	13.346			

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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:	VY0530SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022474.D	1		05/30/25 13:14	VY053025

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:	VY0602SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0602SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022500.D	1		06/02/25 16:24	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.1		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.1		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.5		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.2		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.5		1.00	5.00	ug/Kg
67-64-1	Acetone	87.0		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.6		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.6		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	96.6		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.0		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.8		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.1		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.3		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.5		0.91	5.00	ug/Kg
71-43-2	Benzene	20.6		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.8		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	98.7		3.60	25.0	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg

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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:	VY0602SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0602SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022500.D	1		06/02/25 16:24	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.8		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.2		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	96.4		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.9		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.7		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.8		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.8		0.82	5.00	ug/Kg
100-42-5	Styrene	19.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.6		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.2		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.0		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	51.9		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	202000	7.713			
540-36-3	1,4-Difluorobenzene	343000	8.616			
3114-55-4	Chlorobenzene-d5	291000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.347			

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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:	VY0602SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0602SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022500.D	1		06/02/25 16:24	VY060225

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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Fax : 908 789 8922

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBSD01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022475.D	1		05/30/25 13:37	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	22.5		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	24.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	25.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	26.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	25.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.2		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.2		1.00	5.00	ug/Kg
67-64-1	Acetone	120		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	24.2		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.9		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.8		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.2		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.0		0.91	5.00	ug/Kg
71-43-2	Benzene	21.6		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.1		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.5		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	VY0530SBSD01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022475.D	1		05/30/25 13:37	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.2		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.7		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	22.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	22.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.5		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.4		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	50.5		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		17 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	193000	7.707			
540-36-3	1,4-Difluorobenzene	341000	8.615			
3114-55-4	Chlorobenzene-d5	286000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	129000	13.346			

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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:	VY0530SBSD01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022475.D	1		05/30/25 13:37	VY053025

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022421.D RRF010 = VY022422.D RRF020 = VY022423.D
RRF050 = VY022424.D RRF100 = VY022425.D RRF150 = VY022426.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.544	0.509	0.526	0.423	0.430	0.429	0.477	11.6
Chloromethane	1.364	1.331	1.300	1.196	0.936	0.912	1.173	17.1
Vinyl Chloride	1.535	1.493	1.522	1.453	1.292	1.257	1.425	8.5
Bromomethane	1.261	1.281	1.397	1.275	1.213	1.345	1.295	5.1
Chloroethane	0.930	0.881	0.949	1.015	0.907	0.907	0.932	5
Trichlorofluoromethane	1.243	1.174	1.222	1.197	1.187	1.193	1.203	2.1
1,1,2-Trichlorotrifluoroethane	0.552	0.517	0.541	0.520	0.523	0.512	0.528	2.9
1,1-Dichloroethene	0.552	0.512	0.533	0.511	0.520	0.515	0.524	3
Acetone	0.094	0.090	0.081	0.085	0.086	0.083	0.087	5.6
Carbon Disulfide	1.672	1.675	1.707	1.653	1.672	1.650	1.672	1.2
Methyl tert-butyl Ether	1.353	1.359	1.357	1.386	1.445	1.445	1.391	3.1
Methyl Acetate	0.288	0.319	0.296	0.308	0.351	0.383	0.324	11.2
Methylene Chloride	0.778	0.669	0.578	0.549	0.550	0.543	0.611	15.5
trans-1,2-Dichloroethene	0.595	0.556	0.555	0.561	0.582	0.582	0.572	2.9
1,1-Dichloroethane	1.000	0.986	1.035	1.027	1.062	1.056	1.028	2.9
Cyclohexane	1.220	1.044	0.997	0.939	0.947	0.931	1.013	10.9
2-Butanone	0.137	0.144	0.136	0.142	0.152	0.154	0.144	5.2
Carbon Tetrachloride	0.473	0.456	0.471	0.481	0.510	0.512	0.484	4.7
cis-1,2-Dichloroethene	0.655	0.647	0.650	0.652	0.684	0.685	0.662	2.6
Bromochloromethane	0.400	0.426	0.435	0.439	0.439	0.437	0.429	3.5
Chloroform	0.966	0.970	1.023	1.026	1.052	1.038	1.013	3.5
1,1,1-Trichloroethane	0.900	0.894	0.916	0.913	0.952	0.940	0.919	2.5
Methylcyclohexane	0.611	0.602	0.603	0.614	0.638	0.636	0.618	2.6
Benzene	1.308	1.312	1.360	1.391	1.463	1.461	1.383	5
1,2-Dichloroethane	0.348	0.348	0.360	0.369	0.383	0.384	0.365	4.5
Trichloroethene	0.334	0.325	0.344	0.343	0.357	0.347	0.342	3.3
1,2-Dichloropropane	0.321	0.307	0.318	0.323	0.342	0.339	0.325	4
Bromodichloromethane	0.452	0.449	0.449	0.464	0.493	0.494	0.467	4.5
4-Methyl-2-Pentanone	0.185	0.197	0.198	0.218	0.237	0.242	0.213	10.8
Toluene	0.782	0.805	0.842	0.868	0.929	0.957	0.864	7.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022421.D RRF010 = VY022422.D RRF020 = VY022423.D
RRF050 = VY022424.D RRF100 = VY022425.D RRF150 = VY022426.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.400	0.414	0.416	0.434	0.472	0.473	0.435	7.1
cis-1,3-Dichloropropene	0.477	0.480	0.504	0.508	0.549	0.547	0.511	6.1
1,1,2-Trichloroethane	0.219	0.216	0.226	0.229	0.243	0.243	0.229	5.1
2-Hexanone	0.121	0.125	0.129	0.145	0.157	0.159	0.140	12
Dibromochloromethane	0.258	0.274	0.284	0.302	0.320	0.321	0.293	8.7
1,2-Dibromoethane	0.199	0.189	0.207	0.215	0.223	0.225	0.210	6.8
Tetrachloroethene	0.433	0.417	0.433	0.429	0.429	0.413	0.426	2.1
Chlorobenzene	1.020	1.000	1.051	1.067	1.132	1.127	1.066	5.1
Ethyl Benzene	1.823	1.828	1.920	1.980	2.142	2.185	1.980	7.8
m/p-Xylenes	0.698	0.660	0.723	0.756	0.825	0.841	0.751	9.5
o-Xylene	0.654	0.637	0.673	0.709	0.768	0.792	0.705	8.9
Styrene	1.037	1.020	1.117	1.197	1.317	1.359	1.175	12.1
Bromoform	0.169	0.176	0.184	0.192	0.206	0.210	0.189	8.6
Isopropylbenzene	3.863	3.741	3.946	3.871	4.105	4.086	3.935	3.6
1,1,2,2-Tetrachloroethane	0.623	0.574	0.604	0.615	0.652	0.653	0.620	4.8
1,3-Dichlorobenzene	1.587	1.558	1.674	1.695	1.836	1.874	1.704	7.5
1,4-Dichlorobenzene	1.596	1.527	1.617	1.642	1.707	1.687	1.629	4
1,2-Dichlorobenzene	1.383	1.332	1.431	1.416	1.495	1.482	1.423	4.3
1,2-Dibromo-3-Chloropropane	0.103	0.093	0.096	0.093	0.093	0.096	0.096	3.8
1,2,4-Trichlorobenzene	0.714	0.724	0.771	0.828	0.842	0.856	0.789	7.8
1,2,3-Trichlorobenzene	0.575	0.554	0.644	0.684	0.703	0.722	0.647	10.7
1,2-Dichloroethane-d4	0.507	0.525	0.517	0.532	0.541	0.538	0.527	2.5
Dibromofluoromethane	0.287	0.281	0.283	0.290	0.309	0.308	0.293	4.3
Toluene-d8	1.159	1.133	1.168	1.176	1.274	1.251	1.194	4.7
4-Bromofluorobenzene	0.377	0.331	0.345	0.355	0.382	0.376	0.361	5.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.433	0.542	0.495	0.413	0.397	0.405	0.448	13
Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.3
Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.8
Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.8
Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.8
Trichlorofluoromethane	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.5
1,1,2-Trichlorotrifluoroethane	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.1
1,1-Dichloroethene	0.469	0.577	0.549	0.518	0.510	0.523	0.524	7
Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.6
Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.2
Methyl tert-butyl Ether	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.4
Methyl Acetate	0.280	0.408	0.396	0.333	0.301	0.301	0.336	15.9
Methylene Chloride	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.7
trans-1,2-Dichloroethene	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.4
1,1-Dichloroethane	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7
Cyclohexane	1.168	1.208	1.098	1.015	0.970	0.988	1.075	9.2
2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.6
Carbon Tetrachloride	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.5
cis-1,2-Dichloroethene	0.592	0.731	0.706	0.682	0.668	0.691	0.678	7
Bromochloromethane	0.470	0.477	0.479	0.454	0.469	0.474	0.471	1.9
Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.9
1,1,1-Trichloroethane	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.4
Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.9
Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.7
1,2-Dichloroethane	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.4
Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.7
1,2-Dichloropropane	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.6
Bromodichloromethane	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.7
4-Methyl-2-Pentanone	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.1
Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.2
cis-1,3-Dichloropropene	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.7
1,1,2-Trichloroethane	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.7
2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.3
Dibromochloromethane	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.6
1,2-Dibromoethane	0.174	0.236	0.239	0.223	0.225	0.230	0.221	10.9
Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.7
Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.5
Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.9
m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.9
o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11
Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.9
Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.7
Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.3
1,1,2,2-Tetrachloroethane	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.3
1,3-Dichlorobenzene	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.3
1,4-Dichlorobenzene	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.3
1,2-Dichlorobenzene	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.3
1,2-Dibromo-3-Chloropropane	0.074	0.110	0.103	0.105	0.098	0.099	0.098	12.7
1,2,4-Trichlorobenzene	0.667	0.863	0.812	0.817	0.851	0.865	0.813	9.2
1,2,3-Trichlorobenzene	0.622	0.721	0.712	0.699	0.710	0.714	0.697	5.3
1,2-Dichloroethane-d4	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.1
Dibromofluoromethane	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.2
Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.2
4-Bromofluorobenzene	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 05/30/2025 11:20

Lab File ID: VY022472.D Init. Calib. Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.477	0.443		-7.13	20
Chloromethane	1.173	1.101	0.1	-6.14	20
Vinyl Chloride	1.425	1.489		4.49	20
Bromomethane	1.295	1.258		-2.86	20
Chloroethane	0.932	1.031		10.62	20
Trichlorofluoromethane	1.203	1.304		8.4	20
1,1,2-Trichlorotrifluoroethane	0.528	0.546		3.41	20
1,1-Dichloroethene	0.524	0.533		1.72	20
Acetone	0.087	0.136		56.32	20
Carbon Disulfide	1.672	1.671		-0.06	20
Methyl tert-butyl Ether	1.391	1.455		4.6	20
Methyl Acetate	0.324	0.347		7.1	20
Methylene Chloride	0.611	0.624		2.13	20
trans-1,2-Dichloroethene	0.572	0.576		0.7	20
1,1-Dichloroethane	1.028	1.102	0.1	7.2	20
Cyclohexane	1.013	0.985		-2.76	20
2-Butanone	0.144	0.177		22.92	20
Carbon Tetrachloride	0.484	0.499		3.1	20
cis-1,2-Dichloroethene	0.662	0.678		2.42	20
Bromochloromethane	0.429	0.474		10.49	20
Chloroform	1.013	1.075		6.12	20
1,1,1-Trichloroethane	0.919	0.966		5.11	20
Methylcyclohexane	0.618	0.635		2.75	20
Benzene	1.383	1.452		4.99	20
1,2-Dichloroethane	0.365	0.396		8.49	20
Trichloroethene	0.342	0.351		2.63	20
1,2-Dichloropropane	0.325	0.345		6.15	20
Bromodichloromethane	0.467	0.499		6.85	20
4-Methyl-2-Pentanone	0.213	0.239		12.21	20
Toluene	0.864	0.911		5.44	20
t-1,3-Dichloropropene	0.435	0.463		6.44	20
cis-1,3-Dichloropropene	0.511	0.539		5.48	20
1,1,2-Trichloroethane	0.229	0.247		7.86	20
2-Hexanone	0.140	0.167		19.29	20
Dibromochloromethane	0.293	0.307		4.78	20
1,2-Dibromoethane	0.210	0.223		6.19	20
Tetrachloroethene	0.426	0.425		-0.23	20
Chlorobenzene	1.066	1.125	0.3	5.53	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 05/30/2025 11:20

Lab File ID: VY022472.D Init. Calib. Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.980	2.116		6.87	20
m/p-Xylenes	0.751	0.791		5.33	20
o-Xylene	0.705	0.739		4.82	20
Styrene	1.175	1.247		6.13	20
Bromoform	0.189	0.200	0.1	5.82	20
Isopropylbenzene	3.935	4.187		6.4	20
1,1,2,2-Tetrachloroethane	0.620	0.676	0.3	9.03	20
1,3-Dichlorobenzene	1.704	1.793		5.22	20
1,4-Dichlorobenzene	1.629	1.722		5.71	20
1,2-Dichlorobenzene	1.423	1.512		6.25	20
1,2-Dibromo-3-Chloropropane	0.096	0.102		6.25	20
1,2,4-Trichlorobenzene	0.789	0.847		7.35	20
1,2,3-Trichlorobenzene	0.647	0.694		7.26	20
1,2-Dichloroethane-d4	0.527	0.572		8.54	20
Dibromofluoromethane	0.293	0.309		5.46	20
Toluene-d8	1.194	1.265		5.95	20
4-Bromofluorobenzene	0.361	0.365		1.11	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	Q2161	**OrderDate:**	5/30/2025 11:29:00 AM
Client:	Scalamandre – Tully JV	**Project:**	NYC DOT Harper Street Yard North
Contact:	Dean Devoe	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2161-01	**B27-SOIL-SAMPLE**	**SOIL**			**05/12/25**			**05/13/25**
			SVOCMS Group1	8270E		06/04/25	06/10/25	
Q2161-02	**B28-SOIL-SAMPLE**	**SOIL**			**05/12/25**			**05/13/25**
			SVOCMS Group1	8270E		06/04/25	06/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**B27-SOIL-SAMPLE**							
Q2161-01	B27-SOIL-SAMPLE	SOIL	2-Methylnaphthalene	800.000		57.5	380	ug/Kg
Q2161-01	B27-SOIL-SAMPLE	SOIL	Acenaphthene	240.000	J	47.9	380	ug/Kg
Q2161-01	B27-SOIL-SAMPLE	SOIL	Fluorene	440.000		56.9	380	ug/Kg
Q2161-01	B27-SOIL-SAMPLE	SOIL	Phenanthrene	1,200.000		47	380	ug/Kg
Q2161-01	B27-SOIL-SAMPLE	SOIL	Fluoranthene	170.000	J	67.4	380	ug/Kg
Q2161-01	B27-SOIL-SAMPLE	SOIL	Pyrene	390.000		80.9	380	ug/Kg
			Total Svoc :	**3,240.00**				
			Total Concentration:	**3,240.00**				
Client ID :	**B28-SOIL-SAMPLE**							
Q2161-02	B28-SOIL-SAMPLE	SOIL	2-Methylnaphthalene	710.000		29	190	ug/Kg
Q2161-02	B28-SOIL-SAMPLE	SOIL	1,1-Biphenyl	190.000		24.7	190	ug/Kg
Q2161-02	B28-SOIL-SAMPLE	SOIL	Phenanthrene	1,600.000		23.7	190	ug/Kg
Q2161-02	B28-SOIL-SAMPLE	SOIL	Fluoranthene	91.800	J	34	190	ug/Kg
Q2161-02	B28-SOIL-SAMPLE	SOIL	Pyrene	220.000		40.8	190	ug/Kg
			Total Svoc :	**2,811.80**				
			Total Concentration:	**2,811.80**				

SAMPLE DATA

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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.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP024902.D	2	06/04/25 09:10	06/10/25 20:32	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	740	ug/Kg
108-95-2	Phenol	49.7	U	49.7	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.6	U	54.6	380	ug/Kg
95-57-8	2-Chlorophenol	54.8	U	54.8	380	ug/Kg
95-48-7	2-Methylphenol	67.2	U	67.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	84.3	U	84.3	380	ug/Kg
98-86-2	Acetophenone	66.3	U	66.3	380	ug/Kg
65794-96-9	3+4-Methylphenols	92.4	U	92.4	740	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	39.6	U	39.6	380	ug/Kg
98-95-3	Nitrobenzene	41.1	U	41.1	380	ug/Kg
78-59-1	Isophorone	73.7	U	73.7	380	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	380	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	69.2	U	69.2	380	ug/Kg
120-83-2	2,4-Dichlorophenol	63.6	U	63.6	380	ug/Kg
91-20-3	Naphthalene	51.0	U	51.0	380	ug/Kg
106-47-8	4-Chloroaniline	79.6	U	79.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	56.9	U	56.9	380	ug/Kg
105-60-2	Caprolactam	120	U	120	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64.5	U	64.5	380	ug/Kg
91-57-6	2-Methylnaphthalene	800		57.5	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.5	U	44.5	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65.4	U	65.4	380	ug/Kg
92-52-4	1,1-Biphenyl	49.0	U	49.0	380	ug/Kg
91-58-7	2-Chloronaphthalene	50.6	U	50.6	380	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	380	ug/Kg
131-11-3	Dimethylphthalate	60.9	U	60.9	380	ug/Kg

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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.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP024902.D	2	06/04/25 09:10	06/10/25 20:32	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	65.0	U	65.0	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	75.5	U	75.5	380	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	380	ug/Kg
83-32-9	Acenaphthene	240	J	47.9	380	ug/Kg
51-28-5	2,4-Dinitrophenol	510	U	510	740	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	740	ug/Kg
132-64-9	Dibenzofuran	51.0	U	51.0	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	380	ug/Kg
84-66-2	Diethylphthalate	63.6	U	63.6	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.0	U	60.0	380	ug/Kg
86-73-7	Fluorene	440		56.9	380	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	740	ug/Kg
86-30-6	n-Nitrosodiphenylamine	74.0	U	74.0	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62.5	U	62.5	380	ug/Kg
118-74-1	Hexachlorobenzene	56.9	U	56.9	380	ug/Kg
1912-24-9	Atrazine	76.4	U	76.4	380	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	740	ug/Kg
85-01-8	Phenanthrene	1200		47.0	380	ug/Kg
120-12-7	Anthracene	74.9	U	74.9	380	ug/Kg
86-74-8	Carbazole	70.1	U	70.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	380	ug/Kg
206-44-0	Fluoranthene	170	J	67.4	380	ug/Kg
129-00-0	Pyrene	390		80.9	380	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82.5	UQ	82.5	740	ug/Kg
56-55-3	Benzo(a)anthracene	51.7	U	51.7	380	ug/Kg
218-01-9	Chrysene	44.7	U	44.7	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	380	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	42.7	U	42.7	380	ug/Kg

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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.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP024902.D	2	06/04/25 09:10	06/10/25 20:32	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	50.3	U	50.3	380	ug/Kg
50-32-8	Benzo(a)pyrene	66.3	U	66.3	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65.4	U	65.4	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61.6	U	61.6	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57.8	U	57.8	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.5	U	57.5	380	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61.6	U	61.6	380	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	43.8		18 - 112	29%	SPK: 150
13127-88-3	Phenol-d6	48.7		15 - 107	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	30.0		18 - 107	30%	SPK: 100
321-60-8	2-Fluorobiphenyl	33.4		20 - 109	33%	SPK: 100
118-79-6	2,4,6-Tribromophenol	32.4		10 - 116	22%	SPK: 150
1718-51-0	Terphenyl-d14	34.8		10 - 105	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	321000	7.613			
1146-65-2	Naphthalene-d8	1270000	10.384			
15067-26-2	Acenaphthene-d10	730000	14.26			
1517-22-2	Phenanthrene-d10	1380000	17.078			
1719-03-5	Chrysene-d12	1560000	21.501			
1520-96-3	Perylene-d12	1870000	24.777			

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:	B28-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP024896.D	1	06/04/25 09:10	06/10/25 16:27	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	370	ug/Kg
108-95-2	Phenol	25.0	U	25.0	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.5	U	27.5	190	ug/Kg
95-57-8	2-Chlorophenol	27.6	U	27.6	190	ug/Kg
95-48-7	2-Methylphenol	33.8	U	33.8	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42.5	U	42.5	190	ug/Kg
98-86-2	Acetophenone	33.4	U	33.4	190	ug/Kg
65794-96-9	3+4-Methylphenols	46.5	U	46.5	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.7	U	53.7	90.6	ug/Kg
67-72-1	Hexachloroethane	19.9	U	19.9	190	ug/Kg
98-95-3	Nitrobenzene	20.7	U	20.7	190	ug/Kg
78-59-1	Isophorone	37.1	U	37.1	190	ug/Kg
88-75-5	2-Nitrophenol	65.9	U	65.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	73.4	U	73.4	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.9	U	34.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	32.0	U	32.0	190	ug/Kg
91-20-3	Naphthalene	25.7	U	25.7	190	ug/Kg
106-47-8	4-Chloroaniline	40.1	U	40.1	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.6	U	28.6	190	ug/Kg
105-60-2	Caprolactam	59.0	U	59.0	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.5	U	32.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	710		29.0	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.4	U	22.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.9	U	32.9	190	ug/Kg
92-52-4	1,1-Biphenyl	190		24.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.5	U	25.5	190	ug/Kg
88-74-4	2-Nitroaniline	54.5	U	54.5	190	ug/Kg
131-11-3	Dimethylphthalate	30.7	U	30.7	190	ug/Kg

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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.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP024896.D	1	06/04/25 09:10	06/10/25 16:27	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	32.7	U	32.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.0	U	38.0	190	ug/Kg
99-09-2	3-Nitroaniline	52.1	U	52.1	190	ug/Kg
83-32-9	Acenaphthene	24.1	U	24.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	370	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	370	ug/Kg
132-64-9	Dibenzofuran	25.7	U	25.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.7	U	56.7	190	ug/Kg
84-66-2	Diethylphthalate	32.0	U	32.0	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.2	U	30.2	190	ug/Kg
86-73-7	Fluorene	28.6	U	28.6	190	ug/Kg
100-01-6	4-Nitroaniline	72.7	U	72.7	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37.2	U	37.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.5	U	31.5	190	ug/Kg
118-74-1	Hexachlorobenzene	28.6	U	28.6	190	ug/Kg
1912-24-9	Atrazine	38.5	U	38.5	190	ug/Kg
87-86-5	Pentachlorophenol	58.1	U	58.1	370	ug/Kg
85-01-8	Phenanthrene	1600		23.7	190	ug/Kg
120-12-7	Anthracene	37.7	U	37.7	190	ug/Kg
86-74-8	Carbazole	35.3	U	35.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	54.2	U	54.2	190	ug/Kg
206-44-0	Fluoranthene	91.8	J	34.0	190	ug/Kg
129-00-0	Pyrene	220		40.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	80.8	U	80.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41.5	UQ	41.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	26.0	U	26.0	190	ug/Kg
218-01-9	Chrysene	22.5	U	22.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.0	U	67.0	190	ug/Kg
117-84-0	Di-n-octyl phthalate	98.3	U	98.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.5	U	21.5	190	ug/Kg

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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.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP024896.D	1	06/04/25 09:10	06/10/25 16:27	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.4	U	25.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	33.4	U	33.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.9	U	32.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.0	U	31.0	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.1	U	29.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.0	U	29.0	190	ug/Kg
123-91-1	1,4-Dioxane	51.2	U	51.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.0	U	31.0	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	25.1	*	18 - 112	17%	SPK: 150
13127-88-3	Phenol-d6	74.8		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.3		18 - 107	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.8		20 - 109	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	10.3	*	10 - 116	7%	SPK: 150
1718-51-0	Terphenyl-d14	61.4		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	237000	7.607			
1146-65-2	Naphthalene-d8	965000	10.378			
15067-26-2	Acenaphthene-d10	570000	14.254			
1517-22-2	Phenanthrene-d10	1050000	17.06			
1719-03-5	Chrysene-d12	1210000	21.495			
1520-96-3	Perylene-d12	1480000	24.771			

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168234BL	PB168234BL	2-Fluorophenol	150	120	80		18	112
		Phenol-d6	150	119	80		15	107
		Nitrobenzene-d5	100	75.3	75		18	107
		2-Fluorobiphenyl	100	71.9	72		20	109
		2,4,6-Tribromophenol	150	117	78		10	116
		Terphenyl-d14	100	72.1	72		10	105
PB168234BS	PB168234BS	2-Fluorophenol	150	120	80		18	112
		Phenol-d6	150	120	80		15	107
		Nitrobenzene-d5	100	76.0	76		18	107
		2-Fluorobiphenyl	100	74.1	74		20	109
		2,4,6-Tribromophenol	150	123	82		10	116
		Terphenyl-d14	100	80.6	81		10	105
Q2159-01MS	TP05-MHO-WCMS	2-Fluorophenol	150	74.7	50		18	112
		Phenol-d6	150	76.0	51		15	107
		Nitrobenzene-d5	100	47.4	47		18	107
		2-Fluorobiphenyl	100	45.5	46		20	109
		2,4,6-Tribromophenol	150	69.8	47		10	116
		Terphenyl-d14	100	35.2	35		10	105
Q2159-01MSD	TP05-MHO-WCMSD	2-Fluorophenol	150	72.4	48		18	112
		Phenol-d6	150	72.8	49		15	107
		Nitrobenzene-d5	100	45.8	46		18	107
		2-Fluorobiphenyl	100	45.1	45		20	109
		2,4,6-Tribromophenol	150	65.3	44		10	116
		Terphenyl-d14	100	32.4	32		10	105
Q2161-01	B27-SOIL-SAMPLE	2-Fluorophenol	150	43.8	29		18	112
		Phenol-d6	150	48.7	32		15	107
		Nitrobenzene-d5	100	30.0	30		18	107
		2-Fluorobiphenyl	100	33.4	33		20	109
		2,4,6-Tribromophenol	150	32.4	22		10	116
		Terphenyl-d14	100	34.8	35		10	105
Q2161-02	B28-SOIL-SAMPLE	2-Fluorophenol	150	25.1	17	*	18	112
		Phenol-d6	150	74.8	50		15	107
		Nitrobenzene-d5	100	56.3	56		18	107
		2-Fluorobiphenyl	100	59.8	60		20	109
		2,4,6-Tribromophenol	150	10.3	7	*	10	116
		Terphenyl-d14	100	61.4	61		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2161

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: Q2159-01MS		**Client Sample ID: TP05-MHO-WCMS**						**DataFile: BF142605.D**			
Benzaldehyde	1200	0	890	ug/Kg	74				10	171	
Phenol	1200	0	1000	ug/Kg	83				51	122	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				54	125	
2-Chlorophenol	1200	0	1100	ug/Kg	92				51	121	
2-Methylphenol	1200	0	1000	ug/Kg	83				47	125	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				46	119	
Acetophenone	1200	0	1100	ug/Kg	92				55	128	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				49	125	
N-Nitroso-di-n-propylamine	1200	0	990	ug/Kg	83				59	119	
Hexachloroethane	1200	0	1000	ug/Kg	83				51	116	
Nitrobenzene	1200	0	1100	ug/Kg	92				47	124	
Isophorone	1200	0	1100	ug/Kg	92				49	127	
2-Nitrophenol	1200	0	1100	ug/Kg	92				43	131	
2,4-Dimethylphenol	1200	0	1000	ug/Kg	83				63	151	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				51	119	
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92				50	122	
Naphthalene	1200	0	1100	ug/Kg	92				51	121	
4-Chloroaniline	1200	0	290	ug/Kg	24				10	100	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				44	126	
Caprolactam	1200	0	1100	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1200	0	1000	ug/Kg	83				57	132	
2-Methylnaphthalene	1200	0	1100	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2400	0	1900	ug/Kg	79				10	175	
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92				33	141	
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92				38	135	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				55	131	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				48	124	
2-Nitroaniline	1200	0	1100	ug/Kg	92				47	134	
Dimethylphthalate	1200	0	1100	ug/Kg	92				54	120	
Acenaphthylene	1200	0	1100	ug/Kg	92				57	125	
2,6-Dinitrotoluene	1200	0	1100	ug/Kg	92				48	127	
3-Nitroaniline	1200	0	510	ug/Kg	43				10	112	
Acenaphthene	1200	0	1200	ug/Kg	100				70	121	
2,4-Dinitrophenol	2400	0	2000	ug/Kg	83				10	155	
4-Nitrophenol	2400	0	2100	ug/Kg	88				10	175	
Dibenzofuran	1200	0	1100	ug/Kg	92				52	114	
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92				41	140	
Diethylphthalate	1200	0	1100	ug/Kg	92				51	119	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				48	122	
Fluorene	1200	0	1100	ug/Kg	92				53	118	
4-Nitroaniline	1200	0	1000	ug/Kg	83				29	140	
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92				10	160	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				65	121	
Hexachlorobenzene	1200	0	1100	ug/Kg	92				67	118	
Atrazine	1200	0	1300	ug/Kg	108				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2400	0	2100	ug/Kg	88				13	153	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Carbazole	1200	0	1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200	0	1200	ug/Kg	100				55	125	
Fluoranthene	1200	0	1100	ug/Kg	92				44	125	
Pyrene	1200	0	840	ug/Kg	70				37	122	
Butylbenzylphthalate	1200	0	1200	ug/Kg	100				44	135	
3,3-Dichlorobenzidine	1200	0	630	ug/Kg	52				15	112	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				53	119	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200	0	1300	ug/Kg	108				42	169	
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100				51	156	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				52	117	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	930	ug/Kg	78				40	129	
Dibenz(a,h)anthracene	1200	0	930	ug/Kg	78				43	123	
Benzo(g,h,i)perylene	1200	0	860	ug/Kg	72				24	125	
1,2,4,5-Tetrachlorobenzene	1200	0	1200	ug/Kg	100				52	134	
1,4-Dioxane	1200	0	1000	ug/Kg	83				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1000	ug/Kg	83				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2161

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: Q2159-01MSD		**Client Sample ID: TP05-MHO-WCMSD**						**DataFile: BF142606.D**			
Benzaldehyde	1200	0	840	ug/Kg	70		6		10	171	20
Phenol	1200	0	990	ug/Kg	83		0		51	122	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83		10		54	125	20
2-Chlorophenol	1200	0	1000	ug/Kg	83		10		51	121	20
2-Methylphenol	1200	0	1000	ug/Kg	83		0		47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83		10		46	119	20
Acetophenone	1200	0	1000	ug/Kg	83		10		55	128	20
3+4-Methylphenols	1200	0	960	ug/Kg	80		4		49	125	20
N-Nitroso-di-n-propylamine	1200	0	950	ug/Kg	79		5		59	119	20
Hexachloroethane	1200	0	1000	ug/Kg	83		0		51	116	20
Nitrobenzene	1200	0	1100	ug/Kg	92		0		47	124	20
Isophorone	1200	0	1000	ug/Kg	83		10		49	127	20
2-Nitrophenol	1200	0	1100	ug/Kg	92		0		43	131	20
2,4-Dimethylphenol	1200	0	980	ug/Kg	82		1		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1000	ug/Kg	83		10		51	119	20
2,4-Dichlorophenol	1200	0	1000	ug/Kg	83		10		50	122	20
Naphthalene	1200	0	1000	ug/Kg	83		10		51	121	20
4-Chloroaniline	1200	0	240	ug/Kg	20		18		10	100	20
Hexachlorobutadiene	1200	0	1000	ug/Kg	83		10		44	126	20
Caprolactam	1200	0	1100	ug/Kg	92		0		51	134	20
4-Chloro-3-methylphenol	1200	0	970	ug/Kg	81		2		57	132	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		10		59	123	20
Hexachlorocyclopentadiene	2400	0	1900	ug/Kg	79		0		10	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92		0		33	141	20
2,4,5-Trichlorophenol	1200	0	1000	ug/Kg	83		10		38	135	20
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		55	131	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		48	124	20
2-Nitroaniline	1200	0	1100	ug/Kg	92		0		47	134	20
Dimethylphthalate	1200	0	1100	ug/Kg	92		0		54	120	20
Acenaphthylene	1200	0	1100	ug/Kg	92		0		57	125	20
2,6-Dinitrotoluene	1200	0	1100	ug/Kg	92		0		48	127	20
3-Nitroaniline	1200	0	480	ug/Kg	40		7		10	112	20
Acenaphthene	1200	0	1100	ug/Kg	92		8		70	121	20
2,4-Dinitrophenol	2400	0	1900	ug/Kg	79		5		10	155	20
4-Nitrophenol	2400	0	1900	ug/Kg	79		11		10	175	20
Dibenzofuran	1200	0	1000	ug/Kg	83		10		52	114	20
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92		0		41	140	20
Diethylphthalate	1200	0	1000	ug/Kg	83		10		51	119	20
4-Chlorophenyl-phenylether	1200	0	1000	ug/Kg	83		10		48	122	20
Fluorene	1200	0	1000	ug/Kg	83		10		53	118	20
4-Nitroaniline	1200	0	940	ug/Kg	78		6		29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92		0		10	160	20
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100		0		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92		0		67	118	20
Atrazine	1200	0	1200	ug/Kg	100		8		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2400	0	2000	ug/Kg	83		6		13	153	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		0		62	124	20
Carbazole	1200	0	1100	ug/Kg	92		0		59	119	20
Di-n-butylphthalate	1200	0	1200	ug/Kg	100		0		55	125	20
Fluoranthene	1200	0	1000	ug/Kg	83		10		44	125	20
Pyrene	1200	0	780	ug/Kg	65		7		37	122	20
Butylbenzylphthalate	1200	0	1100	ug/Kg	92		8		44	135	20
3,3-Dichlorobenzidine	1200	0	660	ug/Kg	55		6		15	112	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1200	ug/Kg	100		8		42	169	20
Di-n-octyl phthalate	1200	0	1200	ug/Kg	100		0		51	156	20
Benzo(b)fluoranthene	1200	0	1000	ug/Kg	83		19		52	117	20
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92		0		57	134	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	870	ug/Kg	73		7		40	129	20
Dibenz(a,h)anthracene	1200	0	890	ug/Kg	74		5		43	123	20
Benzo(g,h,i)perylene	1200	0	800	ug/Kg	67		7		24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		8		52	134	20
1,4-Dioxane	1200	0	970	ug/Kg	81		2		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	980	ug/Kg	82		1		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: 8270E **DataFile:** BF142726.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168234BS	Benzaldehyde	1700	1100	ug/Kg	65				10	133	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	350	ug/Kg	21				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	2900	ug/Kg	88				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	750	ug/Kg	44				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3600	ug/Kg	109				37	128	
	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: 8270E **DataFile:** BF142726.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168234BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	650	ug/Kg	38		*		42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168234BL

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: BF142603.D Lab Sample ID: PB168234BL

Instrument ID: BNA_F Date Extracted: 06/04/2025

Matrix: (soil/water) SOIL Date Analyzed: 06/04/2025

Level: (low/med) LOW Time Analyzed: 13:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP05-MHO-WCMS	Q2159-01MS	BF142605.D	06/04/2025
TP05-MHO-WCMSD	Q2159-01MSD	BF142606.D	06/04/2025
PB168234BS	PB168234BS	BF142726.D	06/11/2025
B28-SOIL-SAMPLE	Q2161-02	BP024896.D	06/10/2025
B27-SOIL-SAMPLE	Q2161-01	BP024902.D	06/10/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: BF142465.D DFTPP Injection Date: 05/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	24.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.5
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	4.9
275	10.0 - 60.0% of mass 198	22.3
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF142467.D	05/20/2025	12:10
SSTDICC005	SSTDICC005	BF142468.D	05/20/2025	12:38
SSTDICC010	SSTDICC010	BF142469.D	05/20/2025	13:07
SSTDICC020	SSTDICC020	BF142470.D	05/20/2025	13:36
SSTDICCC040	SSTDICCC040	BF142471.D	05/20/2025	14:05
SSTDICC050	SSTDICC050	BF142472.D	05/20/2025	14:34
SSTDICC060	SSTDICC060	BF142473.D	05/20/2025	15:03
SSTDICC080	SSTDICC080	BF142474.D	05/20/2025	15:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: BF142601.D DFTPP Injection Date: 06/04/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.2
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	25.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35.2
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	22.8
365	Greater than 1% of mass 198	2.9
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	18.9 (18.9) 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	BF142602.D	06/04/2025	12:27
PB168234BL	PB168234BL	BF142603.D	06/04/2025	13:05
TP05-MHO-WCMS	Q2159-01MS	BF142605.D	06/04/2025	14:08
TP05-MHO-WCMSD	Q2159-01MSD	BF142606.D	06/04/2025	14:38

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: BF142710.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 15:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.1
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.2) 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	5.9
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF142712.D	06/10/2025	16:54
SSTDICC005	SSTDICC005	BF142713.D	06/10/2025	17:24
SSTDICC010	SSTDICC010	BF142714.D	06/10/2025	17:53
SSTDICC020	SSTDICC020	BF142715.D	06/10/2025	18:22
SSTDICCC040	SSTDICCC040	BF142716.D	06/10/2025	18:52
SSTDICC050	SSTDICC050	BF142717.D	06/10/2025	19:21
SSTDICC060	SSTDICC060	BF142718.D	06/10/2025	19:50
SSTDICC080	SSTDICC080	BF142719.D	06/10/2025	20:19

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: BF142722.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.5
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.8
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	5.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BF142723.D	06/11/2025	09:24
PB168234BS	PB168234BS	BF142726.D	06/11/2025	10:51

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: BP024859.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.6
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (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
SSTDICC2.5	SSTDICC2.5	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: BP024887.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.5
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	35
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.2
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	6.8
275	10.0 - 60.0% of mass 198	30.9
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	78.8
443	15.0 - 24.0% of mass 442	15.3 (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
SSTDCCC040	SSTDCCC040	BP024888.D	06/10/2025	10:53
B28-SOIL-SAMPLE	Q2161-02	BP024896.D	06/10/2025	16:27
B27-SOIL-SAMPLE	Q2161-01	BP024902.D	06/10/2025	20:32

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/04/2025

Lab File ID: BF142602.D Time Analyzed: 12:27

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	118699	6.898	454762	8.18	238732	9.94
	UPPER LIMIT	237398	7.398	909524	8.68	477464	10.439
	LOWER LIMIT	59349.5	6.398	227381	7.68	119366	9.439
	EPA SAMPLE NO.						
01	PB168234BL	131273	6.89	500088	8.18	273312	9.93
02	TP05-MHO-WCMS	119687	6.90	441391	8.18	218918	9.94
03	TP05-MHO-WCMSD	117119	6.90	429653	8.18	207287	9.94

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.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/04/2025

Lab File ID: BF142602.D Time Analyzed: 12:27

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	393948	11.427	204352	14.068	242845	15.562
	UPPER LIMIT	787896	11.927	408704	14.568	485690	16.062
	LOWER LIMIT	196974	10.927	102176	13.568	121423	15.062
	EPA SAMPLE NO.						
01	PB168234BL	477318	11.42	281764	14.06	248996	15.56
02	TP05-MHO-WCMS	322457	11.43	216030	14.07	272895	15.56
03	TP05-MHO-WCMSD	289513	11.42	207868	14.07	274922	15.56

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.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	78219	6.892	306828	8.18	172169	9.94
	UPPER LIMIT	156438	7.392	613656	8.681	344338	10.439
	LOWER LIMIT	39109.5	6.392	153414	7.681	86084.5	9.439
	EPA SAMPLE NO.						
01	PB168234BS	83192	6.89	318279	8.18	176454	9.93

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.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	291189	11.427	151467	14.068	144700	15.562
	UPPER LIMIT	582378	11.927	302934	14.568	289400	16.062
	LOWER LIMIT	145595	10.927	75733.5	13.568	72350	15.062
	EPA SAMPLE NO.						
01	PB168234BS	298489	11.43	155305	14.07	159844	15.56

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.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BP024888.D Time Analyzed: 10:53

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	264162	7.602	1106060	10.37	714331	14.24
	UPPER LIMIT	528324	8.102	2212120	10.872	1428660	14.742
	LOWER LIMIT	132081	7.102	553030	9.872	357166	13.742
	EPA SAMPLE NO.						
01	B28-SOIL-SAMPLE	237363	7.61	964853	10.38	570354	14.25
02	B27-SOIL-SAMPLE	321306	7.61	1267590	10.38	729618	14.26

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.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BP024888.D Time Analyzed: 10:53

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	1406880	17.048	1508870	21.466	1759120	24.707
	UPPER LIMIT	2813760	17.548	3017740	21.966	3518240	25.207
	LOWER LIMIT	703440	16.548	754435	20.966	879560	24.207
	EPA SAMPLE NO.						
01	B28-SOIL-SAMPLE	1053640	17.06	1210290	21.50	1478200	24.77
02	B27-SOIL-SAMPLE	1376290	17.08	1559880	21.50	1873070	24.78

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:	PB168234BL	SDG No.:	Q2161
Lab Sample ID:	PB168234BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142603.D	1	06/04/25 09:10	06/04/25 13:05	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

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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:	PB168234BL	SDG No.:	Q2161
Lab Sample ID:	PB168234BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142603.D	1	06/04/25 09:10	06/04/25 13:05	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

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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:	PB168234BL	SDG No.:	Q2161
Lab Sample ID:	PB168234BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142603.D	1	06/04/25 09:10	06/04/25 13:05	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	120		18 - 112	80%	SPK: 150
13127-88-3	Phenol-d6	119		15 - 107	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.3		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.9		20 - 109	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	117		10 - 116	78%	SPK: 150
1718-51-0	Terphenyl-d14	72.1		10 - 105	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	131000	6.893			
1146-65-2	Naphthalene-d8	500000	8.175			
15067-26-2	Acenaphthene-d10	273000	9.934			
1517-22-2	Phenanthrene-d10	477000	11.422			
1719-03-5	Chrysene-d12	282000	14.063			
1520-96-3	Perylene-d12	249000	15.563			

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:	PB168234BS	SDG No.:	Q2161
Lab Sample ID:	PB168234BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142726.D	1	06/04/25 09:10	06/11/25 10:51	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		160	330	ug/Kg
108-95-2	Phenol	1400		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	350		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1700		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1500		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

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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:	PB168234BS	SDG No.:	Q2161
Lab Sample ID:	PB168234BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142726.D	1	06/04/25 09:10	06/11/25 10:51	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	750		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		19.0	170	ug/Kg

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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:	PB168234BS	SDG No.:	Q2161
Lab Sample ID:	PB168234BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142726.D	1	06/04/25 09:10	06/11/25 10:51	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1200		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	120		18 - 112	80%	SPK: 150
13127-88-3	Phenol-d6	120		15 - 107	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.0		18 - 107	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.1		20 - 109	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		10 - 116	82%	SPK: 150
1718-51-0	Terphenyl-d14	80.6		10 - 105	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83200	6.893			
1146-65-2	Naphthalene-d8	318000	8.181			
15067-26-2	Acenaphthene-d10	176000	9.934			
1517-22-2	Phenanthrene-d10	298000	11.428			
1719-03-5	Chrysene-d12	155000	14.069			
1520-96-3	Perylene-d12	160000	15.563			

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

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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/29/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMS	SDG No.:	Q2161
Lab Sample ID:	Q2159-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142605.D	1	06/04/25 09:10	06/04/25 14:08	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	890		110	240	ug/Kg
108-95-2	Phenol	1000		16.0	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		17.6	120	ug/Kg
95-57-8	2-Chlorophenol	1100		17.6	120	ug/Kg
95-48-7	2-Methylphenol	1000		21.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.1	120	ug/Kg
98-86-2	Acetophenone	1100		21.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		29.7	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	990		34.2	57.8	ug/Kg
67-72-1	Hexachloroethane	1000		12.7	120	ug/Kg
98-95-3	Nitrobenzene	1100		13.2	120	ug/Kg
78-59-1	Isophorone	1100		23.7	120	ug/Kg
88-75-5	2-Nitrophenol	1100		42.0	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		46.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		22.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		20.4	120	ug/Kg
91-20-3	Naphthalene	1100		16.4	120	ug/Kg
106-47-8	4-Chloroaniline	290		25.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.3	120	ug/Kg
105-60-2	Caprolactam	1100		37.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		20.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		18.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	83.8	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		14.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		21.0	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		15.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.3	120	ug/Kg
88-74-4	2-Nitroaniline	1100		34.7	120	ug/Kg
131-11-3	Dimethylphthalate	1100		19.6	120	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/29/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMS	SDG No.:	Q2161
Lab Sample ID:	Q2159-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142605.D	1	06/04/25 09:10	06/04/25 14:08	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		20.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		24.3	120	ug/Kg
99-09-2	3-Nitroaniline	510		33.2	120	ug/Kg
83-32-9	Acenaphthene	1200		15.4	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	2100	E	77.3	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		36.2	120	ug/Kg
84-66-2	Diethylphthalate	1100		20.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.3	120	ug/Kg
86-73-7	Fluorene	1100		18.3	120	ug/Kg
100-01-6	4-Nitroaniline	1000		46.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		74.4	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		23.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.3	120	ug/Kg
1912-24-9	Atrazine	1300		24.6	120	ug/Kg
87-86-5	Pentachlorophenol	2100	E	37.1	240	ug/Kg
85-01-8	Phenanthrene	1100		15.1	120	ug/Kg
120-12-7	Anthracene	1100		24.1	120	ug/Kg
86-74-8	Carbazole	1100		22.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		34.6	120	ug/Kg
206-44-0	Fluoranthene	1100		21.7	120	ug/Kg
129-00-0	Pyrene	840		26.0	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		51.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630		26.5	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		16.6	120	ug/Kg
218-01-9	Chrysene	1100		14.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		42.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		62.7	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		13.7	120	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/29/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMS	SDG No.:	Q2161
Lab Sample ID:	Q2159-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142605.D	1	06/04/25 09:10	06/04/25 14:08	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		21.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		21.0	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		19.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		18.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		18.5	120	ug/Kg
123-91-1	1,4-Dioxane	1000		32.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		19.8	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	74.7		18 - 112	50%	SPK: 150
13127-88-3	Phenol-d6	76.0		15 - 107	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	47.4		18 - 107	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.5		20 - 109	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	69.8		10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	35.2		10 - 105	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.898			
1146-65-2	Naphthalene-d8	441000	8.181			
15067-26-2	Acenaphthene-d10	219000	9.939			
1517-22-2	Phenanthrene-d10	322000	11.428			
1719-03-5	Chrysene-d12	216000	14.069			
1520-96-3	Perylene-d12	273000	15.563			

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
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J = Estimated Value
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N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/29/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMSD	SDG No.:	Q2161
Lab Sample ID:	Q2159-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142606.D	1	06/04/25 09:10	06/04/25 14:38	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	840		110	240	ug/Kg
108-95-2	Phenol	990		16.0	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		17.6	120	ug/Kg
95-57-8	2-Chlorophenol	1000		17.6	120	ug/Kg
95-48-7	2-Methylphenol	1000		21.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		27.1	120	ug/Kg
98-86-2	Acetophenone	1000		21.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	960		29.7	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		34.3	57.8	ug/Kg
67-72-1	Hexachloroethane	1000		12.7	120	ug/Kg
98-95-3	Nitrobenzene	1100		13.2	120	ug/Kg
78-59-1	Isophorone	1000		23.7	120	ug/Kg
88-75-5	2-Nitrophenol	1100		42.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	980		46.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		22.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		20.4	120	ug/Kg
91-20-3	Naphthalene	1000		16.4	120	ug/Kg
106-47-8	4-Chloroaniline	240		25.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		18.3	120	ug/Kg
105-60-2	Caprolactam	1100		37.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	970		20.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		18.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900		83.8	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		14.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		21.0	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		15.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.3	120	ug/Kg
88-74-4	2-Nitroaniline	1100		34.8	120	ug/Kg
131-11-3	Dimethylphthalate	1100		19.6	120	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/29/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMSD	SDG No.:	Q2161
Lab Sample ID:	Q2159-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142606.D	1	06/04/25 09:10	06/04/25 14:38	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		20.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		24.3	120	ug/Kg
99-09-2	3-Nitroaniline	480		33.2	120	ug/Kg
83-32-9	Acenaphthene	1100		15.4	120	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		170	240	ug/Kg
100-02-7	4-Nitrophenol	1900		77.3	240	ug/Kg
132-64-9	Dibenzofuran	1000		16.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		36.2	120	ug/Kg
84-66-2	Diethylphthalate	1000		20.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		19.3	120	ug/Kg
86-73-7	Fluorene	1000		18.3	120	ug/Kg
100-01-6	4-Nitroaniline	940		46.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		74.4	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		23.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.3	120	ug/Kg
1912-24-9	Atrazine	1200		24.6	120	ug/Kg
87-86-5	Pentachlorophenol	2000	E	37.1	240	ug/Kg
85-01-8	Phenanthrene	1100		15.1	120	ug/Kg
120-12-7	Anthracene	1100		24.1	120	ug/Kg
86-74-8	Carbazole	1100		22.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		34.6	120	ug/Kg
206-44-0	Fluoranthene	1000		21.7	120	ug/Kg
129-00-0	Pyrene	780		26.0	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		51.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	660		26.5	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		16.6	120	ug/Kg
218-01-9	Chrysene	1100		14.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		42.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		62.7	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		13.7	120	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/29/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/29/25
Client Sample ID:	TP05-MHO-WCMSD	SDG No.:	Q2161
Lab Sample ID:	Q2159-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF142606.D	1	06/04/25 09:10	06/04/25 14:38	PB168234

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		21.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		21.0	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		19.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		18.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		18.5	120	ug/Kg
123-91-1	1,4-Dioxane	970		32.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	980		19.8	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	72.4		18 - 112	48%	SPK: 150
13127-88-3	Phenol-d6	72.8		15 - 107	49%	SPK: 150
4165-60-0	Nitrobenzene-d5	45.8		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.1		20 - 109	45%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.3		10 - 116	44%	SPK: 150
1718-51-0	Terphenyl-d14	32.4		10 - 105	32%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.898			
1146-65-2	Naphthalene-d8	430000	8.181			
15067-26-2	Acenaphthene-d10	207000	9.939			
1517-22-2	Phenanthrene-d10	290000	11.421			
1719-03-5	Chrysene-d12	208000	14.068			
1520-96-3	Perylene-d12	275000	15.562			

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
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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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF1424
74.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.493	0.460	0.474	0.458	0.500	0.486	0.456	0.475	3.79
3)		Pyridine		1.237	1.150	1.212	1.170	1.273	1.234	1.190	1.210	3.52
4)		n-Nitrosodimet...		0.612	0.593	0.627	0.619	0.673	0.652	0.621	0.628	4.21
5)	S	2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.164	1.098	1.187	5.03
6)		Aniline		2.044	1.889	1.963	1.844	1.993	1.910	1.808	1.921	4.35
7)	S	Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.403	1.328	1.429	4.77
8)		2-Chlorophenol		1.345	1.293	1.315	1.252	1.338	1.285	1.223	1.293	3.44
9)		Benzaldehyde		1.035	0.975	0.969	0.817	0.872	0.758	0.591	0.859	17.81
10)	C	Phenol		1.716	1.621	1.646	1.530	1.657	1.597	1.487	1.608	4.85
11)		bis(2-Chloroet...		1.202	1.155	1.168	1.108	1.209	1.156	1.105	1.157	3.52
12)		1,3-Dichlorobe...		1.562	1.470	1.473	1.389	1.482	1.407	1.317	1.443	5.48
13)	C	1,4-Dichlorobe...		1.540	1.476	1.491	1.407	1.495	1.430	1.335	1.453	4.70
14)		1,2-Dichlorobe...		1.495	1.405	1.436	1.327	1.432	1.357	1.284	1.391	5.20
15)		Benzyl Alcohol		1.059	1.024	1.058	1.021	1.131	1.073	1.026	1.056	3.69
16)		2,2'-oxybis(1-...		2.082	1.978	1.983	1.868	2.011	1.898	1.786	1.944	5.11
17)		2-Methylphenol		1.040	0.992	1.026	0.976	1.053	1.015	0.965	1.010	3.27
18)		Hexachloroethane		0.533	0.503	0.523	0.489	0.529	0.497	0.477	0.507	4.23
19)	P	n-Nitroso-di-n...	0.923	0.941	0.880	0.900	0.843	0.912	0.866	0.819	0.886	4.69
20)		3+4-Methylphenols		1.412	1.319	1.337	1.246	1.337	1.250	1.149	1.293	6.59
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.453	0.459	0.429	0.452	0.428	0.399	0.443	5.98
23)	S	Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.363	0.347	0.367	3.51
24)		Nitrobenzene		0.338	0.328	0.338	0.323	0.343	0.331	0.316	0.331	2.94
25)		Isophorone		0.636	0.615	0.620	0.593	0.638	0.607	0.585	0.613	3.26
26)	C	2-Nitrophenol		0.167	0.170	0.180	0.175	0.190	0.182	0.173	0.177	4.44
27)		2,4-Dimethylph...		0.315	0.315	0.318	0.303	0.325	0.312	0.295	0.312	3.22
28)		bis(2-Chloroet...		0.406	0.394	0.394	0.364	0.391	0.375	0.358	0.383	4.63
29)	C	2,4-Dichloroph...		0.288	0.282	0.290	0.276	0.300	0.283	0.266	0.283	3.74
30)		1,2,4-Trichlor...		0.325	0.313	0.317	0.295	0.320	0.300	0.284	0.308	4.89
31)		Naphthalene		1.061	1.021	1.020	0.941	1.007	0.953	0.891	0.985	5.94
32)		Benzoic acid			0.153	0.176	0.188	0.211	0.209	0.201	0.190	11.73
33)		4-Chloroaniline		0.424	0.409	0.416	0.389	0.415	0.397	0.343	0.399	6.87
34)	C	Hexachlorobuta...		0.203	0.192	0.197	0.187	0.198	0.192	0.176	0.192	4.52
35)		Caprolactam		0.081	0.076	0.083	0.079	0.085	0.078	0.076	0.080	4.29
36)	C	4-Chloro-3-met...		0.304	0.290	0.299	0.282	0.301	0.287	0.271	0.291	4.02
37)		2-Methylnaphth...		0.679	0.638	0.646	0.590	0.631	0.598	0.556	0.620	6.62
38)		1-Methylnaphth...		0.703	0.668	0.672	0.615	0.650	0.611	0.566	0.641	7.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.592	0.580	0.588	0.552	0.592	0.573	0.544	0.574	3.39
41)	P	Hexachlorocycl...	0.318	0.350	0.383	0.393	0.430	0.425	0.411	0.387	10.57
42)	S	2,4,6-Tribromo...	0.230	0.225	0.234	0.211	0.233	0.218	0.202	0.222	5.39
43)	C	2,4,6-Trichlor...	0.387	0.373	0.406	0.371	0.406	0.388	0.379	0.387	3.69
44)		2,4,5-Trichlor...	0.410	0.411	0.416	0.395	0.437	0.408	0.381	0.408	4.27
45)	S	2-Fluorobiphenyl	1.726	1.619	1.558	1.387	1.480	1.396	1.268	1.490	10.46
46)		1,1'-Biphenyl	1.672	1.605	1.595	1.480	1.595	1.507	1.408	1.552	5.82
47)		2-Chloronaphth...	1.218	1.170	1.177	1.094	1.183	1.122	1.061	1.146	4.84
48)		2-Nitroaniline	0.333	0.318	0.338	0.324	0.354	0.332	0.320	0.331	3.72
49)		Acenaphthylene	2.064	1.982	2.027	1.851	1.998	1.885	1.745	1.936	5.85
50)		Dimethylphthalate	1.441	1.340	1.367	1.255	1.366	1.256	1.211	1.320	6.16
51)		2,6-Dinitrotol...	0.290	0.283	0.289	0.280	0.302	0.281	0.268	0.285	3.74
52)	C	Acenaphthene	1.259	1.222	1.227	1.120	1.223	1.146	1.077	1.182	5.72
53)		3-Nitroaniline	0.320	0.309	0.327	0.299	0.330	0.305	0.287	0.311	5.02
54)	P	2,4-Dinitrophenol		0.110	0.137	0.149	0.169	0.160	0.158	0.147	14.36
55)		Dibenzofuran	1.886	1.766	1.768	1.606	1.736	1.635	1.509	1.701	7.38
56)	P	4-Nitrophenol	0.221	0.217	0.242	0.227	0.252	0.229	0.220	0.230	5.57
57)		2,4-Dinitrotol...	0.372	0.367	0.387	0.364	0.398	0.372	0.344	0.372	4.62
58)		Fluorene	1.477	1.399	1.372	1.231	1.343	1.238	1.140	1.314	8.85
59)		2,3,4,6-Tetrac...	0.347	0.336	0.360	0.333	0.361	0.333	0.317	0.341	4.71
60)		Diethylphthalate	1.422	1.310	1.359	1.231	1.343	1.218	1.140	1.289	7.51
61)		4-Chlorophenyl...	0.724	0.678	0.676	0.609	0.653	0.612	0.566	0.646	8.25
62)		4-Nitroaniline	0.303	0.283	0.303	0.277	0.294	0.265	0.251	0.282	6.95
63)		Azobenzene	1.239	1.194	1.188	1.107	1.197	1.123	1.055	1.158	5.55
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.086	0.094	0.110	0.115	0.129	0.125	0.123	0.112	14.72
66)	c	n-Nitrosodiphe...	0.712	0.682	0.696	0.649	0.697	0.694	0.660	0.684	3.30
67)		4-Bromophenyl-...	0.240	0.235	0.239	0.222	0.246	0.243	0.230	0.236	3.45
68)		Hexachlorobenzene	0.265	0.267	0.263	0.251	0.273	0.262	0.250	0.262	3.19
69)		Atrazine	0.184	0.174	0.186	0.178	0.196	0.181	0.174	0.182	4.29
70)	C	Pentachlorophenol	0.130	0.135	0.149	0.147	0.162	0.157	0.154	0.148	7.88
71)		Phenanthrene	1.196	1.094	1.100	1.012	1.085	1.033	0.964	1.069	7.00
72)		Anthracene	1.191	1.132	1.124	1.036	1.110	1.048	0.996	1.091	6.15
73)		Carbazole	1.030	0.968	0.982	0.889	0.950	0.877	0.832	0.933	7.39
74)		Di-n-butylphth...	1.108	1.039	1.083	0.976	1.059	0.974	0.908	1.021	6.95
75)	C	Fluoranthene	1.177	1.081	1.052	0.938	0.997	0.901	0.846	0.999	11.41
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.670	0.782	0.903	0.797	0.805	0.698	0.556	0.744	15.12
78)		Pyrene	1.929	1.967	2.066	1.859	1.959	1.773	1.507	1.866	9.79
79)	S	Terphenyl-d14	1.624	1.582	1.660	1.423	1.492	1.337	1.126	1.464	12.80
80)		Butylbenzylpht...	0.462	0.453	0.525	0.526	0.575	0.550	0.517	0.516	8.54
81)		Benzo(a)anthra...	1.424	1.287	1.403	1.278	1.391	1.327	1.238	1.336	5.36
82)		3,3'-Dichlorob...	0.360	0.364	0.402	0.407	0.444	0.442	0.417	0.405	8.30
83)		Chrysene	1.222	1.204	1.193	1.145	1.255	1.223	1.158	1.200	3.20
84)		Bis(2-ethylhex...	0.510	0.548	0.618	0.673	0.765	0.778	0.727	0.660	15.91
85)	c	Di-n-octyl pht...		0.958	1.108	1.266	1.432	1.542	1.437	1.290	17.30

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
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86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.421	1.495	1.583	1.448	1.583	1.546	1.434	1.501	4.64
88)		Benzo(b)fluora...	1.317	1.105	1.293	1.126	1.209	1.122	1.114	1.184	7.62
89)		Benzo(k)fluora...	1.191	1.166	1.032	1.042	1.178	1.128	1.023	1.109	6.68
90)	C	Benzo(a)pyrene	1.154	1.081	1.114	1.081	1.185	1.133	1.062	1.116	4.00
91)		Dibenzo(a,h)an...	1.152	1.228	1.275	1.184	1.290	1.245	1.149	1.218	4.67
92)		Benzo(g,h,i)pe...	1.154	1.220	1.270	1.180	1.299	1.245	1.158	1.218	4.64

(#) = Out of Range

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142712.D 5.0 =BF142713.D 10 =BF142714.D 20 =BF142715.D 40 =BF142716.D 50 =BF142717.D 60 =BF142718.D 80 =BF1427
19.D

		Compound	2.5	5.0	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.499	0.448	0.472	0.455	0.481	0.460	0.439	0.465	4.40
3)		Pyridine		1.172	1.129	1.159	1.160	1.222	1.193	1.122	1.165	3.00
4)		n-Nitrosodimet...			0.558	0.590	0.591	0.633	0.617	0.588	0.596	4.36
5)	S	2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.156	1.075	1.174	4.55
6)		Aniline		1.866	1.788	1.894	1.848	1.955	1.861	1.736	1.850	3.83
7)	S	Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.377	1.302	1.382	3.67
8)		2-Chlorophenol		1.288	1.254	1.300	1.290	1.347	1.286	1.219	1.283	3.09
9)		Benzaldehyde			0.943	0.950	0.839	0.839	0.708		0.856	11.52
10)	C	Phenol		1.550	1.503	1.577	1.522	1.607	1.547	1.446	1.536	3.42
11)		bis(2-Chloroet...		1.222	1.118	1.149	1.130	1.202	1.131	1.079	1.147	4.29
12)		1,3-Dichlorobe...		1.557	1.483	1.504	1.451	1.513	1.411	1.333	1.465	5.08
13)	C	1,4-Dichlorobe...		1.596	1.483	1.519	1.454	1.528	1.431	1.349	1.480	5.34
14)		1,2-Dichlorobe...		1.554	1.418	1.444	1.401	1.457	1.375	1.282	1.419	5.83
15)		Benzyl Alcohol			0.970	1.049	1.059	1.121	1.061	1.007	1.045	4.95
16)		2,2'-oxybis(1-...		1.957	1.812	1.840	1.806	1.875	1.746	1.609	1.806	6.03
17)		2-Methylphenol		0.978	0.950	0.995	0.992	1.043	0.995	0.933	0.984	3.61
18)		Hexachloroethane		0.562	0.521	0.545	0.524	0.552	0.522	0.488	0.530	4.69
19)	P	n-Nitroso-di-n...	0.885	0.912	0.870	0.886	0.878	0.921	0.863	0.823	0.880	3.43
20)		3+4-Methylphenols			1.261	1.285	1.246	1.299	1.218	1.134	1.240	4.80
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.475	0.451	0.458	0.435	0.454	0.433	0.408	0.445	4.79
23)	S	Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.363	0.346	0.365	3.24
24)		Nitrobenzene		0.338	0.313	0.326	0.320	0.335	0.327	0.312	0.324	3.10
25)		Isophorone		0.657	0.621	0.628	0.603	0.630	0.606	0.585	0.619	3.77
26)	C	2-Nitrophenol		0.172	0.174	0.183	0.181	0.192	0.187	0.178	0.181	3.92
27)		2,4-Dimethylph...		0.318	0.303	0.311	0.304	0.321	0.308	0.292	0.308	3.14
28)		bis(2-Chloroet...		0.408	0.381	0.392	0.377	0.397	0.378	0.356	0.384	4.31
29)	C	2,4-Dichloroph...		0.284	0.281	0.292	0.280	0.300	0.285	0.269	0.284	3.51
30)		1,2,4-Trichlor...		0.337	0.313	0.322	0.306	0.322	0.307	0.294	0.314	4.42
31)		Naphthalene		1.065	0.997	1.021	0.972	1.008	0.958	0.903	0.989	5.20
32)		Benzoic acid			0.137	0.162	0.174	0.192	0.190	0.186	0.174	12.16
33)		4-Chloroaniline		0.429	0.389	0.399	0.399	0.408	0.386	0.370	0.397	4.68
34)	C	Hexachlorobuta...		0.210	0.204	0.206	0.197	0.205	0.196	0.184	0.200	4.41
35)		Caprolactam			0.077	0.079	0.075	0.079	0.077	0.074	0.077	2.82
36)	C	4-Chloro-3-met...		0.317	0.299	0.303	0.289	0.301	0.287	0.273	0.296	4.76
37)		2-Methylnaphth...		0.674	0.649	0.641	0.618	0.636	0.599	0.565	0.626	5.72
38)		1-Methylnaphth...		0.727	0.666	0.669	0.629	0.650	0.619	0.580	0.649	7.16

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.585	0.592	0.589	0.568	0.618	0.570	0.531	0.579	4.64
41)	P	Hexachlorocycl...		0.297	0.348	0.375	0.414	0.400	0.396	0.372	11.64
42)	S	2,4,6-Tribromo...	0.236	0.223	0.224	0.213	0.226	0.210	0.202	0.219	5.28
43)	C	2,4,6-Trichlor...	0.349	0.373	0.383	0.373	0.405	0.380	0.359	0.375	4.79
44)		2,4,5-Trichlor...	0.404	0.404	0.413	0.400	0.431	0.399	0.383	0.405	3.61
45)	S	2-Fluorobiphenyl	1.690	1.610	1.569	1.444	1.535	1.402	1.289	1.505	9.04
46)		1,1'-Biphenyl	1.630	1.617	1.587	1.506	1.622	1.500	1.409	1.553	5.39
47)		2-Chloronaphth...	1.190	1.172	1.178	1.117	1.197	1.108	1.047	1.144	4.82
48)		2-Nitroaniline	0.320	0.321	0.333	0.323	0.345	0.325	0.311	0.325	3.38
49)		Acenaphthylene	2.053	1.986	2.003	1.881	1.991	1.847	1.744	1.929	5.65
50)		Dimethylphthalate	1.444	1.368	1.359	1.291	1.379	1.273	1.234	1.336	5.42
51)		2,6-Dinitrotol...	0.307	0.283	0.295	0.285	0.299	0.283	0.268	0.289	4.49
52)	C	Acenaphthene	1.266	1.222	1.224	1.170	1.237	1.155	1.099	1.196	4.80
53)		3-Nitroaniline	0.334	0.313	0.316	0.307	0.322	0.304	0.295	0.313	4.08
54)	P	2,4-Dinitrophenol		0.123	0.154	0.157	0.176	0.170	0.169	0.158	12.18
55)		Dibenzofuran	1.855	1.777	1.783	1.643	1.741	1.607	1.517	1.703	6.93
56)	P	4-Nitrophenol		0.203	0.219	0.210	0.222	0.212	0.208	0.212	3.42
57)		2,4-Dinitrotol...	0.396	0.383	0.399	0.377	0.396	0.372	0.348	0.382	4.73
58)		Fluorene	1.547	1.429	1.397	1.279	1.357	1.240	1.167	1.345	9.49
59)		2,3,4,6-Tetrac...	0.364	0.339	0.357	0.327	0.354	0.332	0.311	0.340	5.58
60)		Diethylphthalate	1.508	1.392	1.372	1.256	1.332	1.246	1.164	1.324	8.55
61)		4-Chlorophenyl...	0.748	0.692	0.680	0.633	0.663	0.610	0.571	0.657	8.84
62)		4-Nitroaniline	0.297	0.281	0.294	0.270	0.283	0.275	0.261	0.280	4.58
63)		Azobenzene	1.290	1.186	1.178	1.115	1.187	1.094	1.045	1.157	6.89
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.104	0.123	0.125	0.137	0.133	0.129	0.125	9.17
66)	c	n-Nitrosodiphe...	0.710	0.679	0.693	0.672	0.722	0.685	0.651	0.687	3.45
67)		4-Bromophenyl-...	0.240	0.229	0.238	0.231	0.252	0.236	0.227	0.236	3.52
68)		Hexachlorobenzene	0.270	0.261	0.263	0.255	0.275	0.260	0.251	0.262	3.17
69)		Atrazine	0.185	0.174	0.188	0.179	0.191	0.188	0.178	0.183	3.33
70)	C	Pentachlorophenol		0.118	0.133	0.139	0.148	0.144	0.142	0.137	7.80
71)		Phenanthrene	1.165	1.100	1.094	1.036	1.091	1.035	0.978	1.071	5.61
72)		Anthracene	1.203	1.145	1.140	1.064	1.132	1.072	1.004	1.108	5.96
73)		Carbazole	1.003	0.960	0.968	0.898	0.931	0.903	0.832	0.928	6.07
74)		Di-n-butylphth...	1.105	1.048	1.072	1.005	1.053	1.017	0.953	1.036	4.76
75)	C	Fluoranthene	1.184	1.083	1.081	0.965	0.988	0.953	0.878	1.019	10.08
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.711	0.772	0.799	0.754	0.684	0.553	0.712	12.40
78)		Pyrene	2.014	1.918	1.928	1.883	1.878	1.753	1.635	1.859	6.75
79)	S	Terphenyl-d14	1.609	1.562	1.556	1.462	1.430	1.327	1.247	1.456	9.11
80)		Butylbenzylpht...	0.435	0.486	0.526	0.581	0.626	0.605	0.588	0.550	12.67
81)		Benzo(a)anthra...	1.367	1.273	1.284	1.350	1.400	1.340	1.263	1.325	3.94
82)		3,3'-Dichlorob...		0.370	0.403	0.442	0.473	0.459	0.418	0.427	8.88
83)		Chrysene	1.298	1.208	1.245	1.172	1.250	1.222	1.170	1.224	3.72
84)		Bis(2-ethylhex...	0.616	0.709	0.756	0.895	0.977	0.926	0.896	0.825	16.02
85)	c	Di-n-octyl pht...		1.284	1.385	1.677	1.816	1.680	1.654	1.582	12.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.438	1.406	1.458	1.498	1.602	1.514	1.460	1.482	4.31
88)		Benzo(b)fluora...	1.256	1.094	1.112	1.162	1.230	1.251	1.139	1.178	5.71
89)		Benzo(k)fluora...	1.236	1.178	1.245	1.076	1.189	1.035	1.039	1.143	7.94
90)	C	Benzo(a)pyrene	1.164	1.085	1.122	1.104	1.184	1.111	1.068	1.120	3.70
91)		Dibenzo(a,h)an...	1.134	1.176	1.214	1.236	1.318	1.222	1.172	1.210	4.87
92)		Benzo(g,h,i)pe...	1.201	1.164	1.178	1.216	1.295	1.207	1.163	1.203	3.77

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP0248
67.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.515	0.517	0.527	4.21
3)		Pyridine		1.151	1.183	1.265	1.226	1.370	1.367	1.315	1.268	6.84
4)		n-Nitrosodimet...			0.478	0.509	0.502	0.542	0.554	0.525	0.518	5.36
5)	S	2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.253	1.215	1.198	4.85
6)		Aniline		1.917	1.892	2.016	1.978	2.145	2.182	2.031	2.023	5.37
7)	S	Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.689	1.564	1.585	4.49
8)		2-Chlorophenol		1.336	1.290	1.346	1.314	1.453	1.422	1.348	1.358	4.29
9)		Benzaldehyde			1.038	1.071	0.873	0.985	0.869	0.646	0.914	16.98
10)	C	Phenol		1.560	1.564	1.616	1.587	1.725	1.759	1.629	1.634	4.78
11)		bis(2-Chloroet...		1.222	1.277	1.334	1.234	1.363	1.322	1.246	1.285	4.26
12)		1,3-Dichlorobe...		1.570	1.515	1.537	1.425	1.571	1.519	1.471	1.515	3.49
13)	C	1,4-Dichlorobe...		1.596	1.507	1.535	1.439	1.604	1.534	1.488	1.529	3.82
14)		1,2-Dichlorobe...		1.529	1.637	1.488	1.401	1.540	1.492	1.422	1.501	5.25
15)		Benzyl Alcohol			1.137	1.185	1.170	1.289	1.309	1.211	1.217	5.63
16)		2,2'-oxybis(1-...		1.748	1.732	1.722	1.583	1.751	1.667	1.574	1.682	4.54
17)		2-Methylphenol		1.053	1.149	1.138	1.106	1.210	1.211	1.121	1.141	4.94
18)		Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.574	0.562	0.576	3.73
19)	P	n-Nitroso-di-n...	0.984	1.101	1.105	1.107	1.043	1.141	1.113	1.029	1.078	4.93
20)		3+4-Methylphenols			1.507	1.548	1.493	1.631	1.648	1.515	1.557	4.29
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.506	0.521	0.511	0.491	0.535	0.510	0.463	0.505	4.58
23)	S	Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.423	0.383	0.412	4.89
24)		Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.376	0.339	0.366	4.81
25)		Isophorone		0.704	0.678	0.724	0.694	0.764	0.726	0.704	0.713	3.91
26)	C	2-Nitrophenol		0.154	0.157	0.178	0.180	0.201	0.195	0.198	0.180	10.62
27)		2,4-Dimethylph...		0.294	0.286	0.310	0.303	0.331	0.320	0.318	0.309	5.12
28)		bis(2-Chloroet...		0.414	0.408	0.438	0.414	0.465	0.423	0.416	0.426	4.70
29)	C	2,4-Dichloroph...		0.246	0.272	0.300	0.292	0.327	0.313	0.323	0.296	9.81
30)		1,2,4-Trichlor...		0.335	0.319	0.335	0.317	0.352	0.330	0.351	0.334	4.16
31)		Naphthalene		1.071	1.022	1.044	0.989	1.079	1.035	0.935	1.025	4.86
32)		Benzoic acid			0.159	0.181	0.204	0.230	0.235	0.243	0.209	16.01
33)		4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.463	0.414	0.429	6.72
34)	C	Hexachlorobuta...		0.203	0.199	0.208	0.194	0.218	0.198	0.189	0.201	4.76
35)		Caprolactam			0.098	0.109	0.110	0.118	0.116	0.104	0.109	6.91
36)	C	4-Chloro-3-met...		0.312	0.322	0.351	0.341	0.374	0.363	0.329	0.342	6.58
37)		2-Methylnaphth...		0.659	0.638	0.659	0.633	0.696	0.664	0.602	0.650	4.54
38)		1-Methylnaphth...		0.720	0.680	0.718	0.671	0.741	0.693	0.643	0.695	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.568	0.561	0.568	0.538	0.601	0.574	0.562	0.568	3.31
41)	P	Hexachlorocycl...		0.259	0.315	0.337	0.404	0.369	0.394	0.346	15.74
42)	S	2,4,6-Tribromo...	0.256	0.264	0.279	0.267	0.298	0.286	0.285	0.277	5.26
43)	C	2,4,6-Trichlor...	0.342	0.352	0.386	0.375	0.411	0.404	0.396	0.381	6.86
44)		2,4,5-Trichlor...	0.349	0.379	0.414	0.405	0.448	0.436	0.426	0.408	8.44
45)	S	2-Fluorobiphenyl	1.542	1.507	1.517	1.390	1.563	1.464	1.409	1.485	4.44
46)		1,1'-Biphenyl	1.477	1.456	1.485	1.386	1.509	1.458	1.403	1.453	3.05
47)		2-Chloronaphth...	1.123	1.104	1.135	1.069	1.171	1.136	1.081	1.117	3.16
48)		2-Nitroaniline	0.289	0.324	0.344	0.346	0.371	0.374	0.355	0.343	8.59
49)		Acenaphthylene	1.880	1.851	1.892	1.768	1.939	1.904	1.805	1.863	3.19
50)		Dimethylphthalate	1.515	1.450	1.501	1.400	1.550	1.473	1.438	1.475	3.45
51)		2,6-Dinitrotol...	0.299	0.301	0.326	0.312	0.339	0.333	0.317	0.318	4.86
52)	C	Acenaphthene	1.106	1.064	1.090	1.020	1.087	1.069	1.036	1.067	2.86
53)		3-Nitroaniline	0.263	0.292	0.337	0.338	0.367	0.364	0.349	0.330	11.74
54)	P	2,4-Dinitrophenol		0.117	0.155	0.179	0.203	0.208	0.205	0.178	20.23
55)		Dibenzofuran	1.815	1.721	1.756	1.627	1.757	1.702	1.615	1.713	4.22
56)	P	4-Nitrophenol		0.142	0.213	0.248	0.276	0.281	0.275	0.239	22.62
57)		2,4-Dinitrotol...	0.390	0.416	0.457	0.437	0.487	0.470	0.458	0.445	7.45
58)		Fluorene	1.437	1.394	1.420	1.304	1.434	1.370	1.329	1.384	3.77
59)		2,3,4,6-Tetrac...	0.343	0.350	0.360	0.354	0.395	0.381	0.370	0.365	5.04
60)		Diethylphthalate	1.501	1.474	1.487	1.393	1.545	1.444	1.449	1.470	3.27
61)		4-Chlorophenyl...	0.711	0.668	0.689	0.637	0.709	0.665	0.658	0.677	4.06
62)		4-Nitroaniline	0.239	0.235	0.307	0.311	0.336	0.333	0.334	0.299	14.69
63)		Azobenzene	1.346	1.334	1.394	1.300	1.425	1.335	1.307	1.349	3.37
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.102	0.125	0.130	0.147	0.143	0.142	0.131	12.78
66)	c	n-Nitrosodiphe...	0.627	0.608	0.633	0.597	0.659	0.622	0.594	0.620	3.68
67)		4-Bromophenyl-...	0.224	0.215	0.226	0.213	0.246	0.229	0.226	0.226	4.83
68)		Hexachlorobenzene	0.278	0.268	0.272	0.260	0.290	0.275	0.272	0.274	3.31
69)		Atrazine	0.213	0.212	0.231	0.217	0.244	0.228	0.228	0.225	5.16
70)	C	Pentachlorophenol		0.105	0.131	0.139	0.162	0.153	0.159	0.142	15.21
71)		Phenanthrene	1.158	1.108	1.110	1.056	1.161	1.102	1.041	1.105	4.12
72)		Anthracene	1.129	1.093	1.137	1.072	1.188	1.133	1.083	1.119	3.58
73)		Carbazole	1.023	1.013	1.057	0.998	1.112	1.052	1.007	1.038	3.83
74)		Di-n-butylphth...	1.178	1.245	1.326	1.272	1.421	1.273	1.284	1.285	5.81
75)	C	Fluoranthene	1.300	1.287	1.307	1.223	1.344	1.268	1.238	1.281	3.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.512	0.669	0.653	0.690	0.663	0.529	0.619	12.54
78)		Pyrene	1.307	1.195	1.261	1.184	1.322	1.272	1.206	1.249	4.41
79)	S	Terphenyl-d14	1.178	1.073	1.146	1.089	1.164	1.120	1.039	1.116	4.57
80)		Butylbenzylpht...	0.508	0.529	0.581	0.561	0.641	0.596	0.589	0.572	7.74
81)		Benzo(a)anthra...	1.312	1.234	1.288	1.219	1.347	1.310	1.243	1.279	3.73
82)		3,3'-Dichlorob...		0.468	0.513	0.493	0.542	0.531	0.501	0.508	5.29
83)		Chrysene	1.252	1.174	1.229	1.144	1.279	1.238	1.168	1.212	4.13
84)		Bis(2-ethylhex...	0.715	0.780	0.846	0.797	0.921	0.831	0.850	0.820	7.87
85)	c	Di-n-octyl pht...		1.320	1.438	1.384	1.587	1.470	1.473	1.445	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.427	1.402	1.469	1.412	1.559	1.510	1.436	1.459	3.92
88)		Benzo(b)fluora...	1.103	1.104	1.133	1.127	1.232	1.180	1.133	1.145	4.06
89)		Benzo(k)fluora...	1.165	1.144	1.180	1.106	1.259	1.158	1.144	1.165	4.05
90)	C	Benzo(a)pyrene	1.096	1.069	1.127	1.070	1.214	1.136	1.113	1.118	4.46
91)		Dibenzo(a,h)an...	1.151	1.143	1.202	1.143	1.279	1.224	1.172	1.188	4.25
92)		Benzo(g,h,i)pe...	1.172	1.127	1.183	1.136	1.261	1.214	1.157	1.179	3.95

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: BNA_F Calibration Date/Time: 06/04/2025 12:27

Lab File ID: BF142602.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.156		-2.6	
Benzaldehyde	0.859	0.791		-7.9	
Phenol-d6	1.429	1.374		-3.8	
Phenol	1.608	1.544		-4.0	20.0
bis(2-Chloroethyl)ether	1.157	1.116		-3.5	
2-Chlorophenol	1.293	1.243		-3.9	
2-Methylphenol	1.010	0.963		-4.7	
2,2-oxybis(1-Chloropropane)	1.944	1.855		-4.6	
Acetophenone	0.443	0.408		-7.9	
3+4-Methylphenols	1.293	1.188		-8.1	
n-Nitroso-di-n-propylamine	0.886	0.792	0.050	-10.6	
Nitrobenzene-d5	0.367	0.346		-5.7	
Hexachloroethane	0.507	0.474		-6.5	
Nitrobenzene	0.331	0.315		-4.8	
Isophorone	0.613	0.561		-8.5	
2-Nitrophenol	0.177	0.169		-4.5	20.0
2,4-Dimethylphenol	0.312	0.296		-5.1	
bis(2-Chloroethoxy)methane	0.383	0.360		-6.0	
2,4-Dichlorophenol	0.283	0.274		-3.2	20.0
Naphthalene	0.985	0.937		-4.9	
4-Chloroaniline	0.399	0.381		-4.5	
Hexachlorobutadiene	0.192	0.178		-7.3	20.0
Caprolactam	0.080	0.075		-6.3	
4-Chloro-3-methylphenol	0.291	0.269		-7.6	20.0
2-Methylnaphthalene	0.620	0.571		-7.9	
Hexachlorocyclopentadiene	0.387	0.343	0.050	-11.4	
2,4,6-Trichlorophenol	0.387	0.373		-3.6	20.0
2-Fluorobiphenyl	1.490	1.357		-8.9	
2,4,5-Trichlorophenol	0.408	0.387		-5.1	
1,1-Biphenyl	1.552	1.460		-5.9	
2-Chloronaphthalene	1.146	1.090		-4.9	
2-Nitroaniline	0.331	0.319		-3.6	
Dimethylphthalate	1.320	1.228		-7.0	
Acenaphthylene	1.936	1.834		-5.3	
2,6-Dinitrotoluene	0.285	0.272		-4.6	
3-Nitroaniline	0.311	0.305		-1.9	
Acenaphthene	1.182	1.107		-6.3	20.0
2,4-Dinitrophenol	0.147	0.132	0.050	-10.2	
4-Nitrophenol	0.230	0.211	0.050	-8.3	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: BNA_F Calibration Date/Time: 06/04/2025 12:27

Lab File ID: BF142602.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.701	1.600		-5.9	
2,4-Dinitrotoluene	0.372	0.358		-3.8	
Diethylphthalate	1.289	1.171		-9.2	
4-Chlorophenyl-phenylether	0.646	0.593		-8.2	
Fluorene	1.314	1.236		-5.9	
4-Nitroaniline	0.282	0.275		-2.5	
4,6-Dinitro-2-methylphenol	0.112	0.111		-0.9	
n-Nitrosodiphenylamine	0.684	0.648		-5.3	20.0
2,4,6-Tribromophenol	0.222	0.201		-9.5	
4-Bromophenyl-phenylether	0.236	0.221		-6.4	
Hexachlorobenzene	0.262	0.247		-5.7	
Atrazine	0.182	0.171		-6.0	
Pentachlorophenol	0.148	0.133		-10.1	20.0
Phenanthrene	1.069	1.000		-6.5	
Anthracene	1.091	1.035		-5.1	
Carbazole	0.933	0.886		-5.0	
Di-n-butylphthalate	1.021	0.914		-10.5	
Fluoranthene	0.999	0.923		-7.6	20.0
Pyrene	1.866	1.749		-6.3	
Terphenyl-d14	1.464	1.299		-11.3	
Butylbenzylphthalate	0.516	0.522		1.2	
3,3-Dichlorobenzidine	0.405	0.435		7.4	
Benzo(a)anthracene	1.336	1.239		-7.3	
Chrysene	1.200	1.139		-5.1	
Bis(2-ethylhexyl)phthalate	0.660	0.755		14.4	
Di-n-octyl phthalate	1.290	1.401		8.6	20.0
Benzo(b)fluoranthene	1.184	1.206		1.9	
Benzo(k)fluoranthene	1.109	0.924		-16.7	
Benzo(a)pyrene	1.116	1.062		-4.8	20.0
Indeno(1,2,3-cd)pyrene	1.501	1.347		-10.3	
Dibenzo(a,h)anthracene	1.218	1.086		-10.8	
Benzo(g,h,i)perylene	1.218	1.074		-11.8	
1,2,4,5-Tetrachlorobenzene	0.574	0.556		-3.1	
1,4-Dioxane	0.475	0.476		0.2	20.0
2,3,4,6-Tetrachlorophenol	0.341	0.321		-5.9	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.174	1.141		-2.8	
Benzaldehyde	0.856	0.818		-4.4	
Phenol-d6	1.382	1.367		-1.1	
Phenol	1.536	1.528		-0.5	20.0
bis(2-Chloroethyl)ether	1.147	1.136		-1.0	
2-Chlorophenol	1.283	1.259		-1.9	
2-Methylphenol	0.984	0.985		0.1	
2,2-oxybis(1-Chloropropane)	1.806	1.799		-0.4	
Acetophenone	0.445	0.431		-3.1	
3+4-Methylphenols	1.240	1.242		0.2	
n-Nitroso-di-n-propylamine	0.880	0.889	0.050	1.0	
Nitrobenzene-d5	0.365	0.358		-1.9	
Hexachloroethane	0.530	0.508		-4.2	
Nitrobenzene	0.324	0.320		-1.2	
Isophorone	0.619	0.614		-0.8	
2-Nitrophenol	0.181	0.182		0.6	20.0
2,4-Dimethylphenol	0.308	0.305		-1.0	
bis(2-Chloroethoxy)methane	0.384	0.380		-1.0	
2,4-Dichlorophenol	0.284	0.284		0.0	20.0
Naphthalene	0.989	0.976		-1.3	
4-Chloroaniline	0.397	0.399		0.5	
Hexachlorobutadiene	0.200	0.197		-1.5	20.0
Caprolactam	0.077	0.080		3.9	
4-Chloro-3-methylphenol	0.296	0.295		-0.3	20.0
2-Methylnaphthalene	0.626	0.619		-1.1	
Hexachlorocyclopentadiene	0.372	0.369	0.050	-0.8	
2,4,6-Trichlorophenol	0.375	0.381		1.6	20.0
2-Fluorobiphenyl	1.505	1.452		-3.5	
2,4,5-Trichlorophenol	0.405	0.395		-2.5	
1,1-Biphenyl	1.553	1.516		-2.4	
2-Chloronaphthalene	1.144	1.134		-0.9	
2-Nitroaniline	0.325	0.326		0.3	
Dimethylphthalate	1.336	1.325		-0.8	
Acenaphthylene	1.929	1.891		-2.0	
2,6-Dinitrotoluene	0.289	0.285		-1.4	
3-Nitroaniline	0.313	0.309		-1.3	
Acenaphthene	1.196	1.172		-2.0	20.0
2,4-Dinitrophenol	0.158	0.159	0.050	0.6	
4-Nitrophenol	0.212	0.215	0.050	1.4	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.703	1.673		-1.8	
2,4-Dinitrotoluene	0.382	0.392		2.6	
Diethylphthalate	1.324	1.318		-0.5	
4-Chlorophenyl-phenylether	0.657	0.651		-0.9	
Fluorene	1.345	1.301		-3.3	
4-Nitroaniline	0.280	0.290		3.6	
4,6-Dinitro-2-methylphenol	0.125	0.125		0.0	
n-Nitrosodiphenylamine	0.687	0.667		-2.9	20.0
2,4,6-Tribromophenol	0.219	0.218		-0.5	
4-Bromophenyl-phenylether	0.236	0.233		-1.3	
Hexachlorobenzene	0.262	0.255		-2.7	
Atrazine	0.183	0.192		4.9	
Pentachlorophenol	0.137	0.138		0.7	20.0
Phenanthrene	1.071	1.043		-2.6	
Anthracene	1.108	1.070		-3.4	
Carbazole	0.928	0.921		-0.8	
Di-n-butylphthalate	1.036	1.101		6.3	
Fluoranthene	1.019	1.017		-0.2	20.0
Pyrene	1.859	1.904		2.4	
Terphenyl-d14	1.456	1.502		3.2	
Butylbenzylphthalate	0.550	0.589		7.1	
3,3-Dichlorobenzidine	0.427	0.407		-4.7	
Benzo(a)anthracene	1.325	1.330		0.4	
Chrysene	1.224	1.168		-4.6	
Bis(2-ethylhexyl)phthalate	0.825	0.821		-0.5	
Di-n-octyl phthalate	1.582	1.500		-5.2	20.0
Benzo(b)fluoranthene	1.178	1.192		1.2	
Benzo(k)fluoranthene	1.143	1.132		-1.0	
Benzo(a)pyrene	1.120	1.112		-0.7	20.0
Indeno(1,2,3-cd)pyrene	1.482	1.501		1.3	
Dibenzo(a,h)anthracene	1.210	1.240		2.5	
Benzo(g,h,i)perylene	1.203	1.196		-0.6	
1,2,4,5-Tetrachlorobenzene	0.579	0.567		-2.1	
1,4-Dioxane	0.465	0.450		-3.2	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.335		-1.5	

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: BNA_P Calibration Date/Time: 06/10/2025 10:53

Lab File ID: BP024888.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.199		0.1	
Benzaldehyde	0.914	0.959		4.9	
Phenol-d6	1.585	1.573		-0.8	
Phenol	1.634	1.630		-0.2	20.0
bis(2-Chloroethyl)ether	1.285	1.306		1.6	
2-Chlorophenol	1.358	1.365		0.5	
2-Methylphenol	1.141	1.143		0.2	
2,2-oxybis(1-Chloropropane)	1.682	1.667		-0.9	
Acetophenone	0.505	0.510		1.0	
3+4-Methylphenols	1.557	1.543		-0.9	
n-Nitroso-di-n-propylamine	1.078	1.086	0.050	0.7	
Nitrobenzene-d5	0.412	0.415		0.7	
Hexachloroethane	0.576	0.567		-1.6	
Nitrobenzene	0.366	0.363		-0.8	
Isophorone	0.713	0.722		1.3	
2-Nitrophenol	0.180	0.191		6.1	20.0
2,4-Dimethylphenol	0.309	0.317		2.6	
bis(2-Chloroethoxy)methane	0.426	0.432		1.4	
2,4-Dichlorophenol	0.296	0.306		3.4	20.0
Naphthalene	1.025	1.011		-1.4	
4-Chloroaniline	0.429	0.441		2.8	
Hexachlorobutadiene	0.201	0.205		2.0	20.0
Caprolactam	0.109	0.110		0.9	
4-Chloro-3-methylphenol	0.342	0.345		0.9	20.0
2-Methylnaphthalene	0.650	0.651		0.2	
Hexachlorocyclopentadiene	0.346	0.335	0.050	-3.2	
2,4,6-Trichlorophenol	0.381	0.394		3.4	20.0
2-Fluorobiphenyl	1.485	1.475		-0.7	
2,4,5-Trichlorophenol	0.408	0.423		3.7	
1,1-Biphenyl	1.453	1.451		-0.1	
2-Chloronaphthalene	1.117	1.112		-0.4	
2-Nitroaniline	0.343	0.341		-0.6	
Dimethylphthalate	1.475	1.472		-0.2	
Acenaphthylene	1.863	1.865		0.1	
2,6-Dinitrotoluene	0.318	0.321		0.9	
3-Nitroaniline	0.330	0.340		3.0	
Acenaphthene	1.067	1.066		-0.1	20.0
2,4-Dinitrophenol	0.178	0.187	0.050	5.1	
4-Nitrophenol	0.239	0.238	0.050	-0.4	

Form VII SV-1

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: BNA_P Calibration Date/Time: 06/10/2025 10:53

Lab File ID: BP024888.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.713	1.701		-0.7	
2,4-Dinitrotoluene	0.445	0.463		4.0	
Diethylphthalate	1.470	1.494		1.6	
4-Chlorophenyl-phenylether	0.677	0.688		1.6	
Fluorene	1.384	1.390		0.4	
4-Nitroaniline	0.299	0.338		13.0	
4,6-Dinitro-2-methylphenol	0.131	0.134		2.3	
n-Nitrosodiphenylamine	0.620	0.609		-1.8	20.0
2,4,6-Tribromophenol	0.277	0.294		6.1	
4-Bromophenyl-phenylether	0.226	0.231		2.2	
Hexachlorobenzene	0.274	0.269		-1.8	
Atrazine	0.225	0.233		3.6	
Pentachlorophenol	0.142	0.159		12.0	20.0
Phenanthrene	1.105	1.093		-1.1	
Anthracene	1.119	1.109		-0.9	
Carbazole	1.038	1.036		-0.2	
Di-n-butylphthalate	1.285	1.380		7.4	
Fluoranthene	1.281	1.281		0.0	20.0
Pyrene	1.249	1.222		-2.2	
Terphenyl-d14	1.116	1.120		0.4	
Butylbenzylphthalate	0.572	0.600		4.9	
3,3-Dichlorobenzidine	0.508	0.519		2.2	
Benzo(a)anthracene	1.279	1.262		-1.3	
Chrysene	1.212	1.194		-1.5	
Bis(2-ethylhexyl)phthalate	0.820	0.906		10.5	
Di-n-octyl phthalate	1.445	1.569		8.6	20.0
Benzo(b)fluoranthene	1.145	1.151		0.5	
Benzo(k)fluoranthene	1.165	1.135		-2.6	
Benzo(a)pyrene	1.118	1.119		0.1	20.0
Indeno(1,2,3-cd)pyrene	1.459	1.445		-1.0	
Dibenzo(a,h)anthracene	1.188	1.179		-0.8	
Benzo(g,h,i)perylene	1.179	1.134		-3.8	
1,2,4,5-Tetrachlorobenzene	0.568	0.568		0.0	
1,4-Dioxane	0.527	0.493		-6.5	20.0
2,3,4,6-Tetrachlorophenol	0.365	0.377		3.3	

All other compounds must meet a minimum RRF of 0.010.

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. 020
COC Number 2046354

Q2161 7 7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Scalamandre Tully IV
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Dean Deroc
PHONE: 718 446 7000 FAX: 718 458 5199

CLIENT PROJECT INFORMATION

PROJECT NAME: Harper Street Yard
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1: Full TCLP 2 PCBs 3. IRC 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	B2,7 Soil Sample	S		X	5/12	1pm		X	X	X							Possible
2.	B2 8 soil sample	S		X	5/12	1pm		X	X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [redacted]	5/12	1.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.	5/13/25 1233	2.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP _____ °C
Comments: Hold both samples for possible additional analysis per Clean Earth North Jersey pending TCLP analysis
5.2

Page _____ of
CLIENT: ❑ Hand Delivered ❑ Other
Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Dean Devoe <DDevoe@tullyconstruction.com>
Sent: Friday, May 30, 2025 12:30 PM
To: Yazmeen Gomez
Subject: RE: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

Thank you Yazmeen

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Friday, May 30, 2025 11:37 AM
To: Dean Devoe <DDevoe@tullyconstruction.com>; William Muenckler <WMuenckler@tullyconstruction.com>
Subject: RE: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

Good morning Dean,

I had Sample Management pull the samples and we have enough volume. SVOC and VOC will be activated on a 10 day TAT.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Dean Devoe <DDevoe@tullyconstruction.com>
Sent: Thursday, May 29, 2025 3:25 PM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; William Muenckler <WMuenckler@tullyconstruction.com>
Subject: RE: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

Hi Yazmeen – Is there sufficient sample volume remaining to run VOC 8260 and SVOC 8270 to compare to NYSDEC Part 375-6.8? Standard TAT. Thanks Dean

From: Dean Devoe
Sent: Thursday, May 29, 2025 3:06 PM
To: 'Yazmeen Gomez' <Yazmeen.Gomez@alliancetg.com>; William Muenckler <WMuenckler@tullyconstruction.com>
Subject: RE: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

Thanks Yazmeen

Hi Will – Do you need any supplemental analysis to determine if petroleum contamination present? The holding time may expire soon. Thank you Dean

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Thursday, May 29, 2025 2:39 PM
To: Dean Devoe <DDevoe@tullyconstruction.com>; William Muenckler <WMuenckler@tullyconstruction.com>
Subject: RE: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

Hi Dean,

Please see attached.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Dean Devoe <DDevoe@tullyconstruction.com>
Sent: Thursday, May 29, 2025 2:30 PM
To: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>; William Muenckler <WMuenckler@tullyconstruction.com>
Subject: RE: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

Hi Yazmeen – I do not have the UN and password to upload the PDF report. Please attached results only. Thanks Dean

---

From: Dean Devoe
Sent: Thursday, May 22, 2025 11:36 AM
To: yazmeen.gomez@alliancetg.com; William Muenckler <WMuenckler@tullyconstruction.com>
Subject: RE: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

Hi Yazmeen – Please attach the pdf results only report. Thank you Dean

---

From: Data-EWR@alliancetg.com <Data-EWR@alliancetg.com>
Sent: Thursday, May 22, 2025 11:23 AM
To: William Muenckler <WMuenckler@tullyconstruction.com>; Dean Devoe <DDevoe@tullyconstruction.com>
Subject: Report Details For Project NYC DOT Harper Street Yard North-Q2027.

To Dean Devoe;

Please download the Report for the following project using your login credentials from the link below.

Order ID	: Q2027
Project ID	: NYC DOT Harper Street Yard North
Download File	: https://protect.checkpoint.com/v2/r01/___https://chemtech.net/secureLogin.aspx___.YzJ1On Y4NTYyMTZkOGVlZGNmMmZiNzk5MjY6dDpUOkY
Order Date	: 5/13/2025 12:52:00 PM
Alliance's Project Manager	: YAZMEEN GOMEZ , yazmeen.gomez@alliancetg.com , 908-728-3147
Alliance's	: Jordan Hedvat , jordan.hedvat@alliancetg.com , 908-728-3144

Sales Executive

Thank you for the opportunity to provide you with our services. For any questions please feel free to contact your project manager.

Click Here for our short online customer Survey **chemtech.net/ClientSurvey.aspx**.

Thank you,

Alliance Technical Group LLC.

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2161 SCAL01
Client Name : Scalamandre – Tully JV
Client Contact : Dean Devoe
Invoice Name : Scalamandre – Tully JV
Invoice Contact : Dean Devoe

Order Date : 5/30/2025 11:29:00 AM
Project Name : NYC DOT Harper Street Ya
Receive DateTime : 5/13/2025 12:33:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2161-01	B27-SOIL-SAMPLE	Solid	05/12/2025	13:00					
					VOCMS Group1		8260D		10 Bus. Days
Q2161-02	B28-SOIL-SAMPLE	Solid	05/12/2025	13:00					
					VOCMS Group1		8260D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 5/30/25 1150

Received By : [signature]
Date / Time : 5/30/25 1150

Storage Area : VOA Refridgerator Room