

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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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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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