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

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
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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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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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