

Report of Analysis

Client:	G Environmental	Date Collected:	03/28/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	K3	SDG No.:	Q1675
Lab Sample ID:	Q1675-21	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	95.9
Sample Wt/Vol:	30.05 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
BM049836.D	1	04/04/25 10:32	04/07/25 12:45	PB167457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	23.6	U	23.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	26.7	U	26.7	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	96.6		30 (18) - 130 (107)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.5		30 (20) - 130 (109)	97%	SPK: 100
1718-51-0	Terphenyl-d14	88.9		30 (10) - 130 (105)	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	364000	7.787			
1146-65-2	Naphthalene-d8	1270000	10.581			
15067-26-2	Acenaphthene-d10	789000	14.427			
1517-22-2	Phenanthrene-d10	1590000	17.168			
1719-03-5	Chrysene-d12	1820000	21.409			
1520-96-3	Perylene-d12	1860000	24.415			
TENTATIVE IDENTIFIED COMPOUNDS						
000143-07-7	Dodecanoic acid	1300	J		14.9	ug/Kg
84-66-2	Diethylphthalate	370	J		15.2	ug/Kg
000057-11-4	Octadecanoic acid	35700	J		15.5	ug/Kg
007320-37-8	Oxirane, tetradecyl-	770	J		17.1	ug/Kg
000112-39-0	Hexadecanoic acid, methyl ester	2200	J		17.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	57100	JB		18.2	ug/Kg
057866-08-7	Tetracosanal	840	J		18.5	ug/Kg
055520-89-3	Palmitic Acid, TMS derivative	3200	J		18.6	ug/Kg
000629-54-9	Hexadecanamide	2200	J		18.7	ug/Kg
000544-63-8	Tetradecanoic acid	770	J		18.8	ug/Kg
000112-61-8	Methyl stearate	4300	J		19.2	ug/Kg
000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	4400	J		19.2	ug/Kg
001002-84-2	Pentadecanoic acid	2700	J		19.4	ug/Kg
000630-01-3	Hexacosane	190	J		20.4	ug/Kg
001560-78-7	2-Methyltetracosane	350	J		21.1	ug/Kg

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117-81-7	Bis(2-ethylhexyl)phthalate	110	J		21.3	ug/Kg
000646-31-1	Tetracosane	540	J		21.8	ug/Kg
000629-94-7	Heneicosane	770	J		22.6	ug/Kg
1000406-32-4	Dotriacontane, 1-iodo-	6800	J		23.6	ug/Kg
000593-45-3	Octadecane	6200	J		24.6	ug/Kg
007225-64-1	Heptadecane, 9-octyl-	3800	J		25.9	ug/Kg
000083-47-6	.gamma.-Sitosterol	4000	J		28.5	ug/Kg

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