

Report of Analysis

Client:	G Environmental	Date Collected:	04/08/25
Project:	Stockton	Date Received:	04/09/25
Client Sample ID:	GST3MS	SDG No.:	Q1761
Lab Sample ID:	Q1761-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BM049897.D	1	04/10/25 08:55	04/11/25 12:20	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	2000		28.9	220	ug/Kg
208-96-8	Acenaphthylene	2300		36.8	220	ug/Kg
83-32-9	Acenaphthene	2100		27.1	220	ug/Kg
86-73-7	Fluorene	2100		32.2	220	ug/Kg
85-01-8	Phenanthrene	2200		26.6	220	ug/Kg
120-12-7	Anthracene	2300		42.4	220	ug/Kg
206-44-0	Fluoranthene	2100		38.2	220	ug/Kg
129-00-0	Pyrene	2400		45.8	220	ug/Kg
56-55-3	Benzo(a)anthracene	2300		29.3	220	ug/Kg
218-01-9	Chrysene	2100		25.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		24.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		28.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	2300		37.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		37.0	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		34.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		32.7	220	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	112		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	114		30 (15) - 130 (107)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.6		30 (18) - 130 (107)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.7		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		30 (10) - 130 (116)	82%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		30 (10) - 130 (105)	90%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	398000	7.775
1146-65-2	Naphthalene-d8	1400000	10.569
15067-26-2	Acenaphthene-d10	922000	14.421
1517-22-2	Phenanthrene-d10	1780000	17.162
1719-03-5	Chrysene-d12	1520000	21.397

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1520-96-3	Perylene-d12	1500000	24.391			

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