

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AR\
 Data File : FG017118.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2025 03:39
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : LOD-LOQ-SOIL-0.5 ML-QT4-2025
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 06 05:18:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.067	5885529	63.219 ug/ml
Spiked Amount 50.000		Recovery =	126.44%
6) S 2-Fluorobiphenyl (SURR)	8.950	3626927	64.476 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	128.95%
11) S ortho-Terphenyl (SURR)	12.030	6374162	44.776 ug/ml
Spiked Amount 50.000		Recovery =	89.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.652	570456	4.315 ug/ml
2) T Naphthalene (C11.7)	6.337	540881	4.422 ug/ml
3) T 2-Methylnaphthalene (...)	7.440	512635	4.528 ug/ml
5) T Acenaphthylene (C15.06)	8.747	634637	5.290 ug/ml
7) T Acenaphthene (C15.5)	9.046	967984	7.261 ug/ml
8) T Fluorene (C16.55)	9.846	578667	4.922 ug/ml
9) T Phenanthrene (C19.36)	11.263	542010	4.739 ug/ml
10) T Anthracene (C19.43)	11.340	609284	5.015 ug/ml
12) T Fluoranthene (C21.85)	13.095	635627	5.032 ug/ml
13) T Pyrene (C20.8)	13.394	620038	4.816 ug/ml
14) T Benzo[a]anthracene (C...	15.294	415013	4.581 ug/ml
15) T Chrysene (C27.41)	15.336	801776	5.654 ug/ml
16) T benzo[b]fluoranthene ...	16.862	432637	4.388 ug/ml
17) T Bnezo[k]fluoranthene ...	16.895	759084	5.791 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.253	497575	5.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.640	401240	4.533 ug/ml
20) T Dibenz[a,h]anthracene...	18.677	766191	5.741 ug/ml
21) T Benzo[g,h,i]perylene ...	18.888	586920	5.090 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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