

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017129.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 15:53
 Operator : YP\AJ
 Sample : Q3530-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 09 00:56:37 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...	8.065	3404710	36.572 ug/ml
Spiked Amount 50.000		Recovery =	73.14%
6) S 2-Fluorobiphenyl (SURR)	8.950	1978625	35.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.35%
11) S ortho-Terphenyl (SURR)	12.026	3913201	27.489 ug/ml
Spiked Amount 50.000		Recovery =	54.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.651	346698	2.622 ug/ml
2) T Naphthalene (C11.7)	6.338	323970	2.649 ug/ml
3) T 2-Methylnaphthalene (...)	7.441	274082	2.421 ug/ml
5) T Acenaphthylene (C15.06)	8.747	358768	2.990 ug/ml
7) T Acenaphthene (C15.5)	9.045	615321	4.616 ug/ml
8) T Flouorene (C16.55)	9.849	318178	2.706 ug/ml
9) T Phenanthrene (C19.36)	11.266	298837	2.613 ug/ml
10) T Anthracene (C19.43)	11.344	341855	2.814 ug/ml
12) T Fluoranthene (C21.85)	13.096	361030	2.858 ug/ml
13) T Pyrene (C20.8)	13.394	353269	2.744 ug/ml
14) T Benzo[a]anthracene (C...	15.300	197648	2.182 ug/ml
15) T Chrysene (C27.41)	15.339	487535	3.438 ug/ml
16) T benzo[b]fluoranthene ...	16.866	235921	2.393 ug/ml
17) T Bnezo[k]fluoranthene ...	16.898	481778	3.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.260	261505	2.634 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.644	253857	2.868 ug/ml
20) T Dibenz[a,h]anthracene...	18.684	464648	3.482 ug/ml
21) T Benzo[g,h,i]perylene ...	18.891	321352	2.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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