

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120825AR\
 Data File : FG017128.D
 Signal(s) : FID1A.ch
 Acq On : 08 Dec 2025 14:51
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 09 00:56:11 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...	8.064	5735124	61.604 ug/ml
Spiked Amount 50.000		Recovery =	123.21%
6) S 2-Fluorobiphenyl (SURR)	8.947	3412263	60.660 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	121.32%
11) S ortho-Terphenyl (SURR)	12.027	5919831	41.584 ug/ml
Spiked Amount 50.000		Recovery =	83.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.650	422205	3.194 ug/ml
2) T Naphthalene (C11.7)	6.335	387543	3.168 ug/ml
3) T 2-Methylnaphthalene (...)	7.438	372920	3.294 ug/ml
5) T Acenaphthylene (C15.06)	8.745	461089	3.843 ug/ml
7) T Acenaphthene (C15.5)	9.044	675255	5.065 ug/ml
8) T Flouorene (C16.55)	9.844	425379	3.618 ug/ml
9) T Phenanthrene (C19.36)	11.261	392005	3.428 ug/ml
10) T Anthracene (C19.43)	11.339	439794	3.620 ug/ml
12) T Fluoranthene (C21.85)	13.092	462723	3.663 ug/ml
13) T Pyrene (C20.8)	13.392	454015	3.526 ug/ml
14) T Benzo[a]anthracene (C...	15.294	280149	3.092 ug/ml
15) T Chrysene (C27.41)	15.335	618747	4.364 ug/ml
16) T benzo[b]fluoranthene ...	16.862	320661	3.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.894	571321	4.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.253	344476	3.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.640	327283	3.698 ug/ml
20) T Dibenz[a,h]anthracene...	18.676	560493	4.200 ug/ml
21) T Benzo[g,h,i]perylene ...	18.887	445388	3.863 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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