

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AR\
 Data File : FG015203.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 03:15
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 06:13:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.984	6530554	49.474 ug/ml
Spiked Amount 50.000		Recovery =	98.95%
6) S 2-Fluorobiphenyl (SURR)	8.860	4477583	53.047 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	106.09%
11) S ortho-Terphenyl (SURR)	11.939	6369425	37.001 ug/ml
Spiked Amount 50.000		Recovery =	74.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	438665	2.735 ug/ml
2) T Naphthalene (C11.7)	6.250	492843	3.074 ug/mlm
3) T 2-Methylnaphthalene (...)	7.351	502008	3.157 ug/ml
5) T Acenaphthylene (C15.06)	8.656	510220	3.211 ug/ml
7) T Acenaphthene (C15.5)	8.957	499898	3.066 ug/ml
8) T Fluorene (C16.55)	9.749	500348	3.178 ug/ml
9) T Phenanthrene (C19.36)	11.159	500872	3.137 ug/ml
10) T Anthracene (C19.43)	11.234	494503	3.349 ug/ml
12) T Fluoranthene (C21.85)	12.985	497032	3.004 ug/ml
13) T Pyrene (C20.8)	13.284	504460	3.114 ug/ml
14) T Benzo[a]anthracene (C...	15.169	459125	3.078 ug/mlm
15) T Chrysene (C27.41)	15.209	471374	3.035 ug/mlm
16) T benzo[b]fluoranthene ...	16.729	468415	3.165 ug/ml
17) T Bnezo[k]fluoranthene ...	16.760	485911	3.437 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.110	455497	3.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.483	479635	3.806 ug/mlm
20) T Dibenz[a,h]anthracene...	18.523	512389	3.463 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.737	447804	3.317 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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