

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102224AR\
 Data File : FG014484.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 10:54
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 02:42:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 2024
 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...	8.037	7940645	63.254 ug/ml
Spiked Amount 50.000		Recovery =	126.51%
6) S 2-Fluorobiphenyl (SURR)	8.913	4917834	57.094 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	114.19%
11) S ortho-Terphenyl (SURR)	11.987	7625031	51.500 ug/ml
Spiked Amount 50.000		Recovery =	103.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.636	299437	2.210 ug/ml
2) T Naphthalene (C11.7)	6.307	351120	2.447 ug/mlm
3) T 2-Methylnaphthalene (...)	7.406	365491	2.503 ug/ml
5) T Acenaphthylene (C15.06)	8.710	357351	2.454 ug/ml
7) T Acenaphthene (C15.5)	9.010	353714	2.444 ug/ml
8) T Flouorene (C16.55)	9.799	370757	2.559 ug/mlm
9) T Phenanthrene (C19.36)	11.207	371982	2.527 ug/ml
10) T Anthracene (C19.43)	11.282	373661	2.665 ug/ml
12) T Fluoranthene (C21.85)	13.029	386482	2.613 ug/ml
13) T Pyrene (C20.8)	13.329	389288	2.648 ug/ml
14) T Benzo[a]anthracene (C...	15.208	389238	2.688 ug/ml
15) T Chrysene (C27.41)	15.249	403661	2.752 ug/mlm
16) T benzo[b]fluoranthene ...	16.764	377477	2.566 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	389075	2.819 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	361705	2.536 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	372469	2.791 ug/ml
20) T Dibenz[a,h]anthracene...	18.552	449699	3.222 ug/ml
21) T Benzo[g,h,i]perylene ...	18.764	338117	2.430 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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