

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102224AR\
 Data File : FG014486.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 11:52
 Operator : YP\AJ
 Sample : P4368-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-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 02:42:53 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	7197752	57.337 ug/ml
Spiked Amount 50.000		Recovery =	114.67%
6) S 2-Fluorobiphenyl (SURR)	8.913	4519917	52.475 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	104.95%
11) S ortho-Terphenyl (SURR)	11.986	7310298	49.375 ug/ml
Spiked Amount 50.000		Recovery =	98.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.635	570123	4.208 ug/ml
2) T Naphthalene (C11.7)	6.308	666050	4.641 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	683560	4.680 ug/ml
5) T Acenaphthylene (C15.06)	8.710	685122	4.706 ug/mlm
7) T Acenaphthene (C15.5)	9.010	671347	4.639 ug/ml
8) T Flouorene (C16.55)	9.799	691698	4.775 ug/ml
9) T Phenanthrene (C19.36)	11.207	719005	4.885 ug/ml
10) T Anthracene (C19.43)	11.282	719848	5.133 ug/ml
12) T Fluoranthene (C21.85)	13.029	758746	5.130 ug/ml
13) T Pyrene (C20.8)	13.329	765676	5.208 ug/ml
14) T Benzo[a]anthracene (C...	15.208	803150	5.546 ug/ml
15) T Chrysene (C27.41)	15.250	865755	5.902 ug/ml
16) T benzo[b]fluoranthene ...	16.765	801260	5.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	963711	6.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	726695	5.096 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.511	736217	5.516 ug/ml
20) T Dibenz[a,h]anthracene...	18.555	1002232	7.182 ug/ml
21) T Benzo[g,h,i]perylene ...	18.766	668898	4.808 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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