

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051524AR\
 Data File : FF014255.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2024 09:40
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2024
 Supervised By :Ankita Jodhani 05/16/2024

Integration File: autoint1.e
 Quant Time: May 16 05:02:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.902	5602434	53.389 ug/ml
Spiked Amount 50.000		Recovery =	106.78%
6) S 2-Fluorobiphenyl (SURR)	8.773	3218043	53.175 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.35%
11) S ortho-Terphenyl (SURR)	11.837	6265899	44.391 ug/ml
Spiked Amount 50.000		Recovery =	88.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.516	443012	3.659 ug/ml
2) T Naphthalene (C11.7)	6.181	421028	3.595 ug/ml
3) T 2-Methylnaphthalene (...)	7.275	423628	3.802 ug/ml
5) T Acenaphthylene (C15.06)	8.572	500081	4.454 ug/ml
7) T Acenaphthene (C15.5)	8.870	661167	5.227 ug/ml
8) T Flouorene (C16.55)	9.661	441443	4.146 ug/ml
9) T Phenanthrene (C19.36)	11.065	412566	3.983 ug/ml
10) T Anthracene (C19.43)	11.141	415656	4.561 ug/ml
12) T Fluoranthene (C21.85)	12.882	496505	4.363 ug/ml
13) T Pyrene (C20.8)	13.179	487092	4.361 ug/ml
14) T Benzo[a]anthracene (C...	15.065	271554	3.583 ug/ml
15) T Chrysene (C27.41)	15.105	627815	5.709 ug/ml
16) T benzo[b]fluoranthene ...	16.619	362235	3.609 ug/ml
17) T Bnezo[k]fluoranthene ...	16.651	611722	5.170 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.004	415375	3.957 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.380	261431	2.940 ug/mlm
20) T Dibenz[a,h]anthracene...	18.423	535897	5.039 ug/ml
21) T Benzo[g,h,i]perylene ...	18.625	502310	4.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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