

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014238.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 20:30
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 04:52:11 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...	7.903	5101892	48.619 ug/ml
Spiked Amount 50.000		Recovery =	97.24%
6) S 2-Fluorobiphenyl (SURR)	8.774	2766111	45.707 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.41%
11) S ortho-Terphenyl (SURR)	11.838	5382660	38.134 ug/ml
Spiked Amount 50.000		Recovery =	76.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.519	211418	1.746 ug/ml
2) T Naphthalene (C11.7)	6.184	192125	1.641 ug/mlm
3) T 2-Methylnaphthalene (...)	7.279	205492	1.844 ug/ml
5) T Acenaphthylene (C15.06)	8.574	220571	1.965 ug/mlm
7) T Acenaphthene (C15.5)	8.872	480403	3.798 ug/ml
8) T Flouorene (C16.55)	9.664	202253	1.899 ug/ml
9) T Phenanthrene (C19.36)	11.068	157883	1.524 ug/mlm
10) T Anthracene (C19.43)	11.147	120804	1.326 ug/ml
12) T Fluoranthene (C21.85)	12.886	221078	1.943 ug/ml
13) T Pyrene (C20.8)	13.182	224167	2.007 ug/ml
14) T Benzo[a]anthracene (C...	15.079	79669	1.051 ug/ml
15) T Chrysene (C27.41)	15.118	282477	2.569 ug/ml
16) T benzo[b]fluoranthene ...	16.629	111681	1.113 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.662	249816	2.111 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.021	140819	1.341 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.401	109048	1.226 ug/mlm
20) T Dibenz[a,h]anthracene...	18.447	146434	1.377 ug/ml
21) T Benzo[g,h,i]perylene ...	18.634	185254	1.504 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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