

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014451.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 10:14
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :Ankita Jodhani 08/22/2024

Integration File: autoint1.e
 Quant Time: Aug 22 03:08:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 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...	7.875	5868763	52.413 ug/ml
Spiked Amount 50.000		Recovery =	104.83%
6) S 2-Fluorobiphenyl (SURR)	8.745	3601032	53.788 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	107.58%
11) S ortho-Terphenyl (SURR)	11.807	6358594	44.134 ug/ml
Spiked Amount 50.000		Recovery =	88.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	232991	1.749 ug/ml
2) T Naphthalene (C11.7)	6.161	237187	1.782 ug/ml
3) T 2-Methylnaphthalene (...)	7.257	244208	1.829 ug/mlm
5) T Acenaphthylene (C15.06)	8.548	265844	1.985 ug/ml
7) T Acenaphthene (C15.5)	8.843	442590	3.102 ug/mlm
8) T Flouorene (C16.55)	9.641	238090	1.836 ug/ml
9) T Phenanthrene (C19.36)	11.046	206683	1.622 ug/ml
10) T Anthracene (C19.43)	11.125	239632	1.796 ug/ml
12) T Fluoranthene (C21.85)	12.864	262844	1.913 ug/ml
13) T Pyrene (C20.8)	13.157	253299	1.829 ug/ml
14) T Benzo[a]anthracene (C...	15.060	100347	0.892 ug/mlm
15) T Chrysene (C27.41)	15.100	403124	2.581 ug/ml
16) T benzo[b]fluoranthene ...	16.612	130403	1.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.645	325989	2.247 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.004	147648	1.169 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.393	146624	1.754 ug/mlm
20) T Dibenz[a,h]anthracene...	18.393	152198	1.102 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.614	158239	1.290 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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