

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082224AR\
 Data File : FF014464.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2024 08:56
 Operator : YP\AJ
 Sample : P3390-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File: autoint1.e
 Quant Time: Aug 23 02:40:56 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...	7.874	5971065	53.326 ug/ml
Spiked Amount 50.000		Recovery =	106.65%
6) S 2-Fluorobiphenyl (SURR)	8.744	3665557	54.752 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	109.50%
11) S ortho-Terphenyl (SURR)	11.807	6456590	44.815 ug/ml
Spiked Amount 50.000		Recovery =	89.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	236881	1.778 ug/ml
2) T Naphthalene (C11.7)	6.160	240410	1.806 ug/ml
3) T 2-Methylnaphthalene (...)	7.255	249909	1.872 ug/mlm
5) T Acenaphthylene (C15.06)	8.548	270708	2.021 ug/ml
7) T Acenaphthene (C15.5)	8.843	597833	4.189 ug/ml
8) T Fluorene (C16.55)	9.640	241758	1.865 ug/mlm
9) T Phenanthrene (C19.36)	11.044	217736	1.709 ug/mlm
10) T Anthracene (C19.43)	11.125	246874	1.850 ug/ml
12) T Fluoranthene (C21.85)	12.862	265424	1.932 ug/ml
13) T Pyrene (C20.8)	13.156	261835	1.890 ug/mlm
14) T Benzo[a]anthracene (C...	15.056	106402	0.946 ug/mlm
15) T Chrysene (C27.41)	15.100	376012	2.407 ug/ml
16) T benzo[b]fluoranthene ...	16.610	139965	1.190 ug/ml
17) T Bnezo[k]fluoranthene ...	16.642	324528	2.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.000	152403	1.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.388	163705	1.958 ug/ml
20) T Dibenz[a,h]anthracene...	18.454	225718	1.634 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.613	199385	1.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

