

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045160.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 14:12
 Operator : YP/AJ
 Sample : 01627-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
 Quant Time: Feb 25 03:01:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 2023
 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...	7.554	5929336	44.209 ug/ml
Spiked Amount 50.000		Recovery =	88.42%
6) S 2-Fluorobiphenyl (SURR)	8.410	3896097	43.473 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	86.95%
11) S ortho-Terphenyl (SURR)	11.450	5878969	34.954 ug/ml
Spiked Amount 50.000		Recovery =	69.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	283819	1.896 ug/ml
2) T Naphthalene (C11.7)	5.892	328990	2.095 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	330992	2.116 ug/mlm
5) T Acenaphthylene (C15.06)	8.211	301970	2.115 ug/ml
7) T Acenaphthene (C15.5)	8.506	316799	2.101 ug/ml
8) T Fluorene (C16.55)	9.284	322930	2.191 ug/ml
9) T Phenanthrene (C19.36)	10.674	303233	2.095 ug/ml
10) T Anthracene (C19.43)	10.748	310311	2.292 ug/ml
12) T Fluoranthene (C21.85)	12.478	310489	2.166 ug/ml
13) T Pyrene (C20.8)	12.773	297221	2.123 ug/ml
14) T Benzo[a]anthracene (C...	14.636	293611	2.308 ug/mlm
15) T Chrysene (C27.41)	14.677	300391	2.269 ug/mlm
16) T benzo[b]fluoranthene ...	16.177	277338	2.115 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.208	288600	2.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	258736	2.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	279528	2.225 ug/mlm
20) T Dibenz[a,h]anthracene...	17.951	315558	2.580 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	279972	2.207 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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