

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046422.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 09:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 05 09:55:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.494	3240072	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
6) S 2-Fluorobiphenyl (SURR)	8.348	2104816	18.913 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.83%
11) S ortho-Terphenyl (SURR)	11.385	3819451	19.474 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.309	3410661	19.409 ug/ml
2) T Naphthalene (C11.7)	5.835	3544993	19.234 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	3552352	19.132 ug/ml
5) T Acenaphthylene (C15.06)	8.151	3225908	18.956 ug/ml
7) T Acenaphthene (C15.5)	8.447	3455738	19.182 ug/ml
8) T Fluorene (C16.55)	9.225	3311693	18.935 ug/ml
9) T Phenanthrene (C19.36)	10.613	3254415	18.968 ug/ml
10) T Anthracene (C19.43)	10.687	2724201	16.149 ug/ml
12) T Fluoranthene (C21.85)	12.416	3198384	19.225 ug/ml
13) T Pyrene (C20.8)	12.710	3054421	18.951 ug/ml
14) T Benzo[a]anthracene (C...	14.574	2499252	17.764 ug/ml
15) T Chrysene (C27.41)	14.615	2677954	18.054 ug/ml
16) T benzo[b]fluoranthene ...	16.114	2520445	18.549 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.146	2502407	18.446 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.488	2297810	17.439 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	2121606	17.009 ug/mlm
20) T Dibenz[a,h]anthracene...	17.888	2181052	17.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	2304880	17.973 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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