

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045165.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 17:55
 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 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
 Quant Time: Feb 25 03:01:58 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...	7.552	2709871	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
6) S 2-Fluorobiphenyl (SURR)	8.407	1806127	20.153 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.31%
11) S ortho-Terphenyl (SURR)	11.447	3350461	19.921 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	3020910	20.178 ug/ml
2) T Naphthalene (C11.7)	5.892	3158399	20.116 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	3175949	20.300 ug/ml
5) T Acenaphthylene (C15.06)	8.211	2850627	19.965 ug/ml
7) T Acenaphthene (C15.5)	8.506	3038772	20.152 ug/ml
8) T Fluorene (C16.55)	9.285	2963905	20.108 ug/ml
9) T Phenanthrene (C19.36)	10.675	2893185	19.986 ug/ml
10) T Anthracene (C19.43)	10.749	2586197	19.102 ug/ml
12) T Fluoranthene (C21.85)	12.480	2817902	19.660 ug/ml
13) T Pyrene (C20.8)	12.775	2752069	19.654 ug/ml
14) T Benzo[a]anthracene (C...	14.638	2488063	19.557 ug/mlm
15) T Chrysene (C27.41)	14.681	2566422	19.382 ug/ml
16) T benzo[b]fluoranthene ...	16.182	2577178	19.650 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.214	2546485	19.637 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	2503215	19.502 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	2432849	19.369 ug/mlm
20) T Dibenz[a,h]anthracene...	17.957	2446663	20.004 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	2500438	19.709 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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