

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022823AR\
 Data File : FD045177.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2023 09:19
 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 03/01/2023
 Supervised By :Ankita Jodhani 03/01/2023

Integration File: autoint1.e
 Quant Time: Mar 01 04:20:06 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...	7.553	2732163	20.371 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
6) S 2-Fluorobiphenyl (SURR)	8.409	1805757	20.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.30%
11) S ortho-Terphenyl (SURR)	11.449	3372177	20.050 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3073620	20.530 ug/ml
2) T Naphthalene (C11.7)	5.892	3205991	20.419 ug/ml
3) T 2-Methylnaphthalene (...)	6.941	3174202	20.289 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2889610	20.238 ug/ml
7) T Acenaphthene (C15.5)	8.508	3064482	20.322 ug/ml
8) T Fluorene (C16.55)	9.286	2953684	20.039 ug/ml
9) T Phenanthrene (C19.36)	10.678	2858311	19.745 ug/ml
10) T Anthracene (C19.43)	10.751	2500602	18.469 ug/ml
12) T Fluoranthene (C21.85)	12.483	2866219	19.997 ug/ml
13) T Pyrene (C20.8)	12.778	2771024	19.789 ug/ml
14) T Benzo[a]anthracene (C...	14.643	2466274	19.386 ug/ml
15) T Chrysene (C27.41)	14.685	2566937	19.386 ug/ml
16) T benzo[b]fluoranthene ...	16.186	2627863	20.037 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.219	2585321	19.936 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	2515536	19.598 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	2409420	19.182 ug/mlm
20) T Dibenz[a,h]anthracene...	17.961	2344386	19.168 ug/ml
21) T Benzo[g,h,i]perylene ...	18.173	2507645	19.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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