

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032723AR\
 Data File : FD045351.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 09:29
 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

Integration File: sample.E
 Quant Time: Mar 27 12:56:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.548	2918061	21.503 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
6) S 2-Fluorobiphenyl (SURR)	8.404	1905696	21.284 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.57%
11) S ortho-Terphenyl (SURR)	11.444	3720305	22.350 ug/ml
Spiked Amount 50.000		Recovery =	44.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3323051	21.942 ug/ml
2) T Naphthalene (C11.7)	5.888	3422323	21.663 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3391745	21.343 ug/ml
5) T Acenaphthylene (C15.06)	8.208	3117054	21.738 ug/ml
7) T Acenaphthene (C15.5)	8.504	3308776	21.830 ug/ml
8) T Fluorene (C16.55)	9.282	3130861	21.265 ug/ml
9) T Phenanthrene (C19.36)	10.673	3053406	21.386 ug/ml
10) T Anthracene (C19.43)	10.746	2810295	20.055 ug/ml
12) T Fluoranthene (C21.85)	12.477	3042906	21.783 ug/ml
13) T Pyrene (C20.8)	12.773	2992175	21.973 ug/ml
14) T Benzo[a]anthracene (C...	14.638	2556177	20.053 ug/ml
15) T Chrysene (C27.41)	14.679	2688072	20.625 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2698554	20.932 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	2611604	20.689 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	2566963	20.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	2277294	19.036 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	2046177	16.964 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	2501888	20.108 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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