

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072823AR\
 Data File : FD046224.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2023 09:58
 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: autoint1.e
 Quant Time: Jul 29 02:49:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.505	3214573	21.505 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
6) S 2-Fluorobiphenyl (SURR)	8.358	2037972	21.770 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.54%
11) S ortho-Terphenyl (SURR)	11.398	3877385	22.202 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	3850591	21.134 ug/ml
2) T Naphthalene (C11.7)	5.844	3859295	21.368 ug/ml
3) T 2-Methylnaphthalene (...)	6.893	3768819	21.413 ug/ml
5) T Acenaphthylene (C15.06)	8.162	3296063	21.603 ug/ml
7) T Acenaphthene (C15.5)	8.458	3535607	21.683 ug/ml
8) T Flouorene (C16.55)	9.236	3326163	21.860 ug/ml
9) T Phenanthrene (C19.36)	10.626	3165073	21.980 ug/ml
10) T Anthracene (C19.43)	10.700	2665709	20.369 ug/ml
12) T Fluoranthene (C21.85)	12.429	3115896	22.299 ug/ml
13) T Pyrene (C20.8)	12.723	3056298	22.052 ug/ml
14) T Benzo[a]anthracene (C...	14.588	2825686	21.527 ug/ml
15) T Chrysene (C27.41)	14.630	2981044	21.142 ug/ml
16) T benzo[b]fluoranthene ...	16.130	3025098	22.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	2949983	21.522 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	2865619	22.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	2617346	21.762 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	2597989	20.313 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	2764710	21.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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