

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
 Data File : FD043284.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2022 06:03
 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 :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 06:23:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.622	3222288	20.869 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
6) S 2-Fluorobiphenyl (SURR)	8.485	2103996	19.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.90%
11) S ortho-Terphenyl (SURR)	11.530	3928398	21.614 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.418	3645684	21.707 ug/mlm
2) T Naphthalene (C11.7)	5.957	3661951	20.917 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	3345379	20.799 ug/ml
5) T Acenaphthylene (C15.06)	8.287	3615129	20.339 ug/ml
7) T Acenaphthene (C15.5)	8.583	3726939	21.283 ug/ml
8) T Flouorene (C16.55)	9.365	3432043	19.799 ug/ml
9) T Phenanthrene (C19.36)	10.762	3357068	19.574 ug/ml
10) T Anthracene (C19.43)	10.836	2579277	15.182 ug/ml
12) T Fluoranthene (C21.85)	12.575	3320371	19.798 ug/ml
13) T Pyrene (C20.8)	12.871	3271038	20.072 ug/mlm
14) T Benzo[a]anthracene (C...	14.744	2697373	17.369 ug/mlm
15) T Chrysene (C27.41)	14.786	2982151	18.895 ug/ml
16) T benzo[b]fluoranthene ...	16.296	2764549	18.136 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.327	2731789	18.665 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2418778	16.911 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	1954720	15.621 ug/mlm
20) T Dibenz[a,h]anthracene...	18.076	2206900	16.416 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2406256	18.449 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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