

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043170.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 10:02
 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 07/06/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: autoint1.e
 Quant Time: Jul 06 10:27:23 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...	7.632	3188040	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
6) S 2-Fluorobiphenyl (SURR)	8.497	2130574	20.200 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.40%
11) S ortho-Terphenyl (SURR)	11.541	3583516	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	3574731	21.284 ug/ml
2) T Naphthalene (C11.7)	5.969	3650522	20.852 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	3315468	20.613 ug/ml
5) T Acenaphthylene (C15.06)	8.300	3534559	19.885 ug/ml
7) T Acenaphthene (C15.5)	8.595	3548248	20.263 ug/ml
8) T Flouorene (C16.55)	9.377	3484385	20.101 ug/ml
9) T Phenanthrene (C19.36)	10.775	3304417	19.267 ug/ml
10) T Anthracene (C19.43)	10.850	3136580	18.462 ug/ml
12) T Fluoranthene (C21.85)	12.590	3169775	18.900 ug/ml
13) T Pyrene (C20.8)	12.887	3044114	18.679 ug/ml
14) T Benzo[a]anthracene (C...	14.760	2913914	18.763 ug/ml
15) T Chrysene (C27.41)	14.802	2964841	18.785 ug/ml
16) T benzo[b]fluoranthene ...	16.312	2893081	18.979 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	2845572	19.442 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.691	2860994	20.002 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	2678846	21.407 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	2942464	21.887 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312	2820166	21.622 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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