

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043081.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 07:34
 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 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 08:22:45 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	3225500	20.889 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
6) S 2-Fluorobiphenyl (SURR)	8.495	2174851	20.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.24%
11) S ortho-Terphenyl (SURR)	11.538	3635890	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	3593906	21.399 ug/ml
2) T Naphthalene (C11.7)	5.969	3684381	21.045 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	3371220	20.960 ug/ml
5) T Acenaphthylene (C15.06)	8.299	3608896	20.303 ug/ml
7) T Acenaphthene (C15.5)	8.594	3601959	20.569 ug/ml
8) T Flouorene (C16.55)	9.376	3548689	20.472 ug/ml
9) T Phenanthrene (C19.36)	10.773	3434182	20.023 ug/ml
10) T Anthracene (C19.43)	10.848	3341673	19.669 ug/ml
12) T Fluoranthene (C21.85)	12.585	3231055	19.265 ug/ml
13) T Pyrene (C20.8)	12.882	3135580	19.240 ug/mlm
14) T Benzo[a]anthracene (C...	14.755	2947663	18.981 ug/ml
15) T Chrysene (C27.41)	14.797	2995128	18.977 ug/ml
16) T benzo[b]fluoranthene ...	16.304	3003444	19.703 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.338	2855179	19.508 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	2870987	20.072 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.048	2674236	21.371 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	2912877	21.667 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	2831192	21.707 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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