

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044344.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 23:10
 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 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 30 01:25:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.416	2410642	19.416 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
6) S 2-Fluorobiphenyl (SURR)	8.280	1238386	16.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.89%
11) S ortho-Terphenyl (SURR)	11.292	3418286	20.195 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	2799078	19.831 ug/ml
2) T Naphthalene (C11.7)	5.758	2679826	19.547 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	2781299	19.620 ug/ml
5) T Acenaphthylene (C15.06)	8.070	2731517	19.471 ug/ml
7) T Acenaphthene (C15.5)	8.360	3304610	21.251 ug/ml
8) T Flouorene (C16.55)	9.145	2711072	19.271 ug/ml
9) T Phenanthrene (C19.36)	10.536	2560728	19.015 ug/ml
10) T Anthracene (C19.43)	10.619	2076357	15.453 ug/ml
12) T Fluoranthene (C21.85)	12.340	2653150	19.866 ug/ml
13) T Pyrene (C20.8)	12.633	2375819	18.809 ug/mlm
14) T Benzo[a]anthracene (C...	14.506	1970013	18.547 ug/ml
15) T Chrysene (C27.41)	14.548	2826816	21.564 ug/ml
16) T benzo[b]fluoranthene ...	16.050	2186097	19.479 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	2771179	21.781 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2200072	18.934 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.797	1983168	18.602 ug/mlm
20) T Dibenz[a,h]anthracene...	17.834	2323964	18.785 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.045	2167683	18.464 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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