

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AR\
 Data File : FG015305.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 17:40
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: autoint1.e
 Quant Time: Feb 06 02:54:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 02:53:06 2025
 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...	7.991	12848988	112.334 ug/ml
Spiked Amount 50.000		Recovery =	224.67%
6) S 2-Fluorobiphenyl (SURR)	8.872	8963864	113.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	226.91%#
11) S ortho-Terphenyl (SURR)	11.950	14729907	112.287 ug/ml
Spiked Amount 50.000		Recovery =	224.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.579	13327836	111.551 ug/ml
2) T Naphthalene (C11.7)	6.259	14256132	112.097 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	14200304	112.530 ug/ml
5) T Acenaphthylene (C15.06)	8.672	14693231	112.609 ug/ml
7) T Acenaphthene (C15.5)	8.975	14363249	112.583 ug/ml
8) T Flouorene (C16.55)	9.768	14734512	113.260 ug/ml
9) T Phenanthrene (C19.36)	11.182	14438053	114.309 ug/ml
10) T Anthracene (C19.43)	11.259	14038298	113.204 ug/ml
12) T Fluoranthene (C21.85)	13.013	14153137	113.865 ug/ml
13) T Pyrene (C20.8)	13.315	14000597	113.868 ug/ml
14) T Benzo[a]anthracene (C...	15.203	13566227	113.945 ug/ml
15) T Chrysene (C27.41)	15.253	13458727	112.697 ug/mlm
16) T benzo[b]fluoranthene ...	16.771	14120121	116.806 ug/ml
17) T Bnezo[k]fluoranthene ...	16.812	13754504	114.217 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.157	13564911	115.616 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.539	14636728	124.011 ug/ml
20) T Dibenz[a,h]anthracene...	18.578	13717231	107.978 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.804	14574417	115.175 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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