

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015532.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 11:27
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e
 Quant Time: Feb 26 12:37:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 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...	7.997	2223183	19.097 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
6) S 2-Fluorobiphenyl (SURR)	8.873	1393028	19.556 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.11%
11) S ortho-Terphenyl (SURR)	11.932	2758671	18.753 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2444721	18.937 ug/ml
2) T Naphthalene (C11.7)	6.275	2428126	19.025 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2417949	19.096 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2656254	18.791 ug/ml
7) T Acenaphthene (C15.5)	8.969	2656870	18.654 ug/ml
8) T Fluorene (C16.55)	9.760	2532143	19.030 ug/ml
9) T Phenanthrene (C19.36)	11.167	2491796	19.156 ug/ml
10) T Anthracene (C19.43)	11.242	2419377	19.316 ug/ml
12) T Fluoranthene (C21.85)	12.988	2674844	18.941 ug/ml
13) T Pyrene (C20.8)	13.286	2753238	19.151 ug/ml
14) T Benzo[a]anthracene (C...	15.169	2379295	20.255 ug/ml
15) T Chrysene (C27.41)	15.211	2846808	19.060 ug/ml
16) T benzo[b]fluoranthene ...	16.729	2598123	19.949 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2873167	19.255 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	2501469	19.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	1945146	19.004 ug/ml
20) T Dibenz[a,h]anthracene...	18.524	2639296	20.413 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2475509	19.893 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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