

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015680.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 14:36
 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 03/18/2025
 Supervised By :mohammad ahmed 03/19/2025

Integration File: autoint1.e
 Quant Time: Mar 17 14:56:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 14:23:49 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...	7.999	2060103	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
6) S 2-Fluorobiphenyl (SURR)	8.880	1228764	20.574 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.15%
11) S ortho-Terphenyl (SURR)	11.935	2512932	19.527 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	2349221	19.582 ug/ml
2) T Naphthalene (C11.7)	6.277	2293800	19.968 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	2254609	19.959 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2459420	19.702 ug/ml
7) T Acenaphthene (C15.5)	8.972	2512180	19.447 ug/ml
8) T Fluorene (C16.55)	9.764	2365969	19.807 ug/ml
9) T Phenanthrene (C19.36)	11.173	2228876	19.911 ug/ml
10) T Anthracene (C19.43)	11.250	2154229	20.088 ug/ml
12) T Fluoranthene (C21.85)	12.998	2331893	19.715 ug/ml
13) T Pyrene (C20.8)	13.296	2367636	19.775 ug/ml
14) T Benzo[a]anthracene (C...	15.182	1853891	20.201 ug/ml
15) T Chrysene (C27.41)	15.222	2355293	19.776 ug/ml
16) T benzo[b]fluoranthene ...	16.744	2068383	20.235 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	2332148	19.486 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.130	2058058	20.071 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	1544480	18.782 ug/mlm
20) T Dibenz[a,h]anthracene...	18.543	2355991	20.024 ug/ml
21) T Benzo[g,h,i]perylene ...	18.758	2220877	19.405 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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