

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032625AR\
 Data File : FG015554.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 15:40
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
 Quant Time: Mar 27 02:48:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.966	2848221	23.316 ug/ml
Spiked Amount 50.000		Recovery =	46.63%
6) S 2-Fluorobiphenyl (SURR)	8.845	1948815	23.577 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.15%
11) S ortho-Terphenyl (SURR)	11.918	3328080	22.822 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	3076418	23.151 ug/ml
2) T Naphthalene (C11.7)	6.235	3153879	23.344 ug/ml
3) T 2-Methylnaphthalene (...)	7.337	3106527	23.289 ug/ml
5) T Acenaphthylene (C15.06)	8.644	3278907	23.151 ug/ml
7) T Acenaphthene (C15.5)	8.944	3226676	23.650 ug/ml
8) T Flouorene (C16.55)	9.737	3231767	23.150 ug/ml
9) T Phenanthrene (C19.36)	11.149	3141262	22.297 ug/ml
10) T Anthracene (C19.43)	11.224	2995077	21.887 ug/ml
12) T Fluoranthene (C21.85)	12.977	3160483	22.162 ug/ml
13) T Pyrene (C20.8)	13.276	3159605	22.518 ug/ml
14) T Benzo[a]anthracene (C...	15.164	2823775	20.819 ug/ml
15) T Chrysene (C27.41)	15.206	3096506	22.119 ug/ml
16) T benzo[b]fluoranthene ...	16.728	2760982	20.894 ug/ml
17) T Bnezo[k]fluoranthene ...	16.760	3057689	22.395 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2661318	21.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.487	2421186	21.761 ug/ml
20) T Dibenz[a,h]anthracene...	18.524	3116646	24.220 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.744	2807128	23.492 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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