

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022725AR\
 Data File : FG015420.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2025 18:48
 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 02/28/2025
 Supervised By :Ankita Jodhani 02/28/2025

Integration File: autoint1.e
 Quant Time: Feb 28 02:26:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:10:05 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...	7.979	2469331	21.035 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
6) S 2-Fluorobiphenyl (SURR)	8.857	1657860	21.257 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.51%
11) S ortho-Terphenyl (SURR)	11.931	2868173	21.302 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.569	2745707	21.023 ug/ml
2) T Naphthalene (C11.7)	6.248	2765246	20.985 ug/ml
3) T 2-Methylnaphthalene (...)	7.349	2700644	20.997 ug/ml
5) T Acenaphthylene (C15.06)	8.655	2791136	21.102 ug/ml
7) T Acenaphthene (C15.5)	8.956	2727558	21.061 ug/ml
8) T Fluorene (C16.55)	9.748	2741451	21.068 ug/ml
9) T Phenanthrene (C19.36)	11.160	2686135	21.161 ug/ml
10) T Anthracene (C19.43)	11.235	2539659	20.705 ug/ml
12) T Fluoranthene (C21.85)	12.987	2708073	21.384 ug/mlm
13) T Pyrene (C20.8)	13.286	2682636	21.317 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2580727	21.015 ug/ml
15) T Chrysene (C27.41)	15.215	2647385	21.161 ug/ml
16) T benzo[b]fluoranthene ...	16.736	2682571	20.793 ug/ml
17) T Bnezo[k]fluoranthene ...	16.768	2714742	20.994 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.117	2538471	20.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.492	2047419	16.699 ug/ml
20) T Dibenz[a,h]anthracene...	18.530	2423141	17.805 ug/ml
21) T Benzo[g,h,i]perylene ...	18.748	2298381	17.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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