

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032125AR\
 Data File : FG015538.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2025 11:52
 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

Integration File: autoint1.e
 Quant Time: Mar 21 22:53:16 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...	7.965	2509059	20.540 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
6) S 2-Fluorobiphenyl (SURR)	8.842	1728725	20.914 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.83%
11) S ortho-Terphenyl (SURR)	11.916	2977223	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.556	2692031	20.258 ug/ml
2) T Naphthalene (C11.7)	6.234	2778014	20.562 ug/ml
3) T 2-Methylnaphthalene (...)	7.335	2748300	20.603 ug/ml
5) T Acenaphthylene (C15.06)	8.641	2902882	20.496 ug/ml
7) T Acenaphthene (C15.5)	8.941	2850337	20.892 ug/ml
8) T Fluorene (C16.55)	9.734	2872419	20.576 ug/ml
9) T Phenanthrene (C19.36)	11.145	2826239	20.061 ug/ml
10) T Anthracene (C19.43)	11.221	2739265	20.018 ug/ml
12) T Fluoranthene (C21.85)	12.972	2874066	20.154 ug/ml
13) T Pyrene (C20.8)	13.271	2879265	20.520 ug/ml
14) T Benzo[a]anthracene (C...	15.157	2620315	19.319 ug/ml
15) T Chrysene (C27.41)	15.199	2971247	21.224 ug/ml
16) T benzo[b]fluoranthene ...	16.720	2533624	19.174 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	2885782	21.136 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.102	2478863	19.767 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	2093757	18.818 ug/ml
20) T Dibenz[a,h]anthracene...	18.516	2845447	22.112 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	2452805	20.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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