

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG013025AR\  
 Data File : FG015240.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Jan 2025 05:44  
 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 01/30/2025  
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e  
 Quant Time: Jan 30 07:33:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 15 07:05:42 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
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System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.980	3011846	22.817 ug/ml
Spiked Amount 50.000		Recovery =	45.63%
6) S 2-Fluorobiphenyl (SURR)	8.856	2048026	24.263 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.53%
11) S ortho-Terphenyl (SURR)	11.934	3396012	19.728 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.572	3207271	19.995 ug/ml
2) T Naphthalene (C11.7)	6.249	3358914	20.949 ug/ml
3) T 2-Methylnaphthalene (...)	7.350	3318427	20.868 ug/ml
5) T Acenaphthylene (C15.06)	8.656	3367652	21.194 ug/ml
7) T Acenaphthene (C15.5)	8.957	3318086	20.349 ug/ml
8) T Flouorene (C16.55)	9.749	3360288	21.341 ug/ml
9) T Phenanthrene (C19.36)	11.160	3239876	20.292 ug/ml
10) T Anthracene (C19.43)	11.234	2734280	18.520 ug/ml
12) T Fluoranthene (C21.85)	12.987	3213496	19.425 ug/ml
13) T Pyrene (C20.8)	13.286	3182806	19.650 ug/ml
14) T Benzo[a]anthracene (C...	15.172	2943671	19.732 ug/ml
15) T Chrysene (C27.41)	15.215	2972447	19.136 ug/ml
16) T benzo[b]fluoranthene ...	16.733	3007380	20.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	3009349	21.284 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.114	2845222	20.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.488	2780559	22.066 ug/ml
20) T Dibenz[a,h]anthracene...	18.530	3242047	21.913 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.745	2947811	21.837 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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