

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012825AR\  
 Data File : FG015200.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Jan 2025 00:53  
 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 01/29/2025  
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e  
 Quant Time: Jan 29 06:12:26 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    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.982  | 2955714    | 22.392 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 44.78%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.858  | 2018490    | 23.913 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 47.83%        |
| 11) S ortho-Terphenyl (SURR)       | 11.937 | 3343983    | 19.426 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.85%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.573  | 3108899    | 19.382 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.250  | 3281236    | 20.465 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.351  | 3248482    | 20.428 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.657  | 3318128    | 20.882 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.959  | 3265348    | 20.025 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.751  | 3306754    | 21.001 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.162 | 3188180    | 19.968 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.237 | 2719152    | 18.417 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.989 | 3159040    | 19.095 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.288 | 3128313    | 19.313 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.175 | 2895301    | 19.408 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.217 | 2916516    | 18.776 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.737 | 2911125    | 19.672 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.770 | 2956836    | 20.913 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 17.117 | 2777947    | 19.552 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.492 | 2742115    | 21.761 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.533 | 3081421    | 20.827 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.749 | 2908389    | 21.545 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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