

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG013025AR\  
 Data File : FG015244.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Jan 2025 07:38  
 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 07:49:42 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...      | 7.980  | 3003209    | 22.752 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 45.50%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.856  | 2047112    | 24.253 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 48.51%        |
| 11) S ortho-Terphenyl (SURR)       | 11.935 | 3419751    | 19.866 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.73%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.572  | 3198351    | 19.939 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.249  | 3349441    | 20.890 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.350  | 3309683    | 20.813 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.656  | 3369463    | 21.205 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.957  | 3314623    | 20.327 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.749  | 3362738    | 21.357 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.160 | 3261095    | 20.425 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.234 | 2751477    | 18.636 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.986 | 3255791    | 19.680 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.285 | 3225419    | 19.913 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.171 | 3000118    | 20.111 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.213 | 3030379    | 19.509 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.733 | 3069111    | 20.739 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.767 | 3044092    | 21.530 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 17.113 | 2899206    | 20.405 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.487 | 2835227    | 22.500 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.528 | 3281611    | 22.180 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.745 | 2997826    | 22.208 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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