

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF022625AR\  
 Data File : FF015527.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Feb 2025 09:00  
 Operator : YP\AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Feb 26 12:29:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 022625.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 26 12:26:20 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...      | 7.996  | 10994390   | 96.664 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 193.33%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.873  | 7467126    | 99.792 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 199.58%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.938 | 12986799   | 94.309 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 188.62%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.600  | 11629996   | 95.000 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.272  | 12162035   | 97.104 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.370  | 12032920   | 96.653 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.673  | 12653113   | 94.888 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.974  | 12472960   | 94.121 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.763  | 12619708   | 96.602 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.172 | 12461541   | 96.874 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.248 | 12126064   | 96.961 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.997 | 12920946   | 95.836 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.297 | 12855428   | 94.626 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.181 | 12510176   | 99.595 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.228 | 12789815   | 93.112 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.745 | 12667527   | 97.364 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.783 | 12754236   | 94.538 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.127 | 12145429   | 100.391 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.505 | 11376975   | 105.977 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.542 | 11542220   | 93.587 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.765 | 11709295   | 96.656 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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