

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF020725AR\  
 Data File : FF015509.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Feb 2025 04:45  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025  
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e  
 Quant Time: Feb 10 00:41:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 020525.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 06 05:23:26 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  | 2418647    | 20.350 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.70%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.871  | 1509561    | 19.878 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.76%        |
| 11) S ortho-Terphenyl (SURR)       | 11.932 | 2687564    | 20.379 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.76%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.606  | 2800584    | 20.220 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.275  | 2781662    | 20.195 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.370  | 2663741    | 20.038 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.670  | 2763909    | 20.441 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.969  | 2780193    | 20.694 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.758  | 2620490    | 20.178 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.165 | 2409630    | 19.851 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.241 | 2363732    | 19.722 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.987 | 2442268    | 20.079 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.285 | 2464814    | 20.254 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.167 | 2022351    | 18.545 ug/mlm |
| 15) T Chrysene (C27.41)            | 15.210 | 2485727    | 20.847 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.729 | 2257432    | 19.558 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.760 | 2480762    | 20.542 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.111 | 2345875    | 20.908 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.484 | 2025179    | 18.372 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.523 | 2445694    | 19.815 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.739 | 2537252    | 19.819 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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