

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052723AR\  
 Data File : FD045760.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 May 2023 23:10  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/30/2023  
 Supervised By :Ankita Jodhani 05/30/2023

Integration File: autoint1.e  
 Quant Time: May 27 06:43:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:43:30 2023  
 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...      | 7.538  | 908327     | 5.038 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.08%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.392  | 592908     | 4.932 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 9.86%        |
| 11) S ortho-Terphenyl (SURR)       | 11.431 | 1134873    | 5.081 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.16%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.350  | 1026798    | 5.086 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.879  | 1083450    | 5.113 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.927  | 1072018    | 5.076 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.197  | 946949     | 4.998 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.492  | 1017141    | 5.031 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.270  | 988306     | 4.988 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.659 | 952064     | 4.977 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.733 | 892473     | 5.239 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.462 | 915511     | 4.955 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.756 | 883849     | 4.949 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.619 | 778218     | 4.970 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.660 | 856089     | 5.189 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.158 | 748047     | 4.943 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.190 | 831313     | 5.370 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.534 | 748065     | 5.115 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.889 | 753802     | 5.147 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.932 | 814945     | 5.431 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.139 | 756258     | 5.125 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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