

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052224AR\  
 Data File : FF014266.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 May 2024 11:56  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

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

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/23/2024  
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e  
 Quant Time: May 22 12:13:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 052224.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 12:10:50 2024  
 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...      | 7.901  | 1939543    | 17.942 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 35.88%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.773  | 1090551    | 17.990 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 35.98%        |
| 11) S ortho-Terphenyl (SURR)       | 11.834 | 2487553    | 17.654 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 35.31%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.515  | 2368337    | 17.600 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.179  | 2300884    | 17.834 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.273  | 2086292    | 18.013 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.571  | 2311474    | 18.006 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.870  | 2432838    | 17.824 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.659  | 1862182    | 18.979 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.062 | 1803080    | 17.770 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.138 | 1659742    | 17.965 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.881 | 2144285    | 18.107 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.179 | 2189526    | 18.205 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.058 | 1042331    | 20.070 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.100 | 1734350    | 20.202 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.616 | 1913219    | 19.240 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.646 | 2026587    | 18.750 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.995 | 1752049    | 19.011 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.367 | 1139659    | 16.473 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.413 | 1171509    | 19.265 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.620 | 2135806    | 17.509 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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