

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101023AR\  
 Data File : FD046724.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Oct 2023 20:22  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 11 02:55:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 02:49:06 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...      | 7.487  | 3773736    | 20.329 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.66%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.341  | 2463614    | 20.333 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.67%       |
| 11) S ortho-Terphenyl (SURR)       | 11.379 | 4380162    | 20.245 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.49%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.301  | 3947432    | 20.329 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.828  | 4120854    | 20.369 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.876  | 4160751    | 20.370 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.144  | 3765363    | 20.398 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.440  | 4032632    | 20.286 ug/ml |
| 8) T Flouorene (C16.55)            | 9.218  | 3892158    | 20.447 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.607 | 3758195    | 20.389 ug/ml |
| 10) T Anthracene (C19.43)          | 10.681 | 2744628    | 20.994 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.410 | 3725722    | 20.449 ug/ml |
| 13) T Pyrene (C20.8)               | 12.704 | 3567720    | 20.345 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.567 | 2982529    | 20.366 ug/ml |
| 15) T Chrysene (C27.41)            | 14.610 | 3257212    | 20.245 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.110 | 3022991    | 20.231 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.142 | 3000387    | 19.945 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.484 | 2870826    | 20.300 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.842 | 2712812    | 20.010 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.883 | 2806357    | 19.861 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.095 | 2806249    | 19.949 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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