

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052124AR\  
 Data File : FD047802.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 May 2024 16:59  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD3  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e  
 Quant Time: May 21 17:31:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 21 17:31:28 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...      | 7.461  | 2842520    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.314  | 1898669    | 20.000 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.00%       |
| 11) S ortho-Terphenyl (SURR)       | 11.354 | 3217452    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.275  | 3177552    | 20.000 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.799  | 3304503    | 20.000 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.848  | 3334388    | 20.000 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.117  | 3298715    | 20.000 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.412  | 3307774    | 20.000 ug/ml |
| 8) T Flouorene (C16.55)            | 9.191  | 3188840    | 20.000 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.581 | 3122369    | 20.000 ug/ml |
| 10) T Anthracene (C19.43)          | 10.656 | 3045801    | 20.000 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.388 | 3071014    | 20.000 ug/ml |
| 13) T Pyrene (C20.8)               | 12.683 | 3052764    | 20.000 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.553 | 2821704    | 20.000 ug/ml |
| 15) T Chrysene (C27.41)            | 14.594 | 2969409    | 20.000 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.100 | 2866618    | 20.000 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.131 | 2755271    | 20.000 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.476 | 2825977    | 20.000 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.839 | 2360714    | 20.000 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.879 | 2751956    | 20.000 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.090 | 2724713    | 20.000 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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