

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081622AR\  
 Data File : FD043611.D  
 Signal(s) : FID2B.ch  
 Acq On : 16 Aug 2022 13:11  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 17 05:38:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 08 16:58:49 2022  
 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...      | 7.609  | 2959512    | 20.922 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.84%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.473  | 1932635    | 20.329 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.66%       |
| 11) S ortho-Terphenyl (SURR)       | 11.519 | 3268694    | 19.285 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.57%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.406  | 3487817    | 22.238 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.945  | 3462997    | 21.417 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.998  | 3120393    | 21.311 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.275  | 3285005    | 20.235 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.571  | 3303349    | 20.432 ug/ml |
| 8) T Fluorene (C16.55)             | 9.354  | 3146288    | 20.079 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.751 | 2996722    | 19.121 ug/ml |
| 10) T Anthracene (C19.43)          | 10.826 | 2867671    | 18.619 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.565 | 2878801    | 18.176 ug/ml |
| 13) T Pyrene (C20.8)               | 12.863 | 2813971    | 17.905 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.737 | 2752251    | 18.655 ug/ml |
| 15) T Chrysene (C27.41)            | 14.779 | 2860800    | 18.308 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.290 | 2940480    | 19.658 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.322 | 2884408    | 19.222 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.669 | 2829068    | 20.015 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.035 | 2525082    | 21.365 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.074 | 2938697    | 20.718 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.289 | 2805573    | 21.574 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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