

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071522AR\  
 Data File : FD043259.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Jul 2022 13:42  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 15 23:54:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:47:50 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...      | 7.619  | 3693580    | 23.921 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 47.84%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.482  | 2421780    | 22.961 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.92%        |
| 11) S ortho-Terphenyl (SURR)       | 11.528 | 4461839    | 24.549 ug/mlm |
| Spiked Amount 50.000               |        | Recovery = | 49.10%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.415  | 4175804    | 24.863 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.955  | 4221616    | 24.114 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.008  | 3846831    | 23.917 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.285  | 4135581    | 23.267 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.582  | 4208220    | 24.032 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.363  | 4000254    | 23.077 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.760 | 3858817    | 22.499 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.835 | 3441936    | 20.259 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.573 | 3791173    | 22.605 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.871 | 3655816    | 22.433 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.744 | 3241360    | 20.872 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.786 | 3520224    | 22.304 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.293 | 3177543    | 20.845 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.326 | 3217067    | 21.980 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.672 | 2857328    | 19.977 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.034 | 2013161    | 16.088 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.074 | 2574794    | 19.152 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.289 | 2627387    | 20.144 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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