

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012023AR\  
 Data File : FD044849.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Jan 2023 10:27  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 21 03:55:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 011923.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 19 13:44:02 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...      | 7.665  | 3424312    | 19.462 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.92%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.521  | 2341350    | 19.396 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.79%       |
| 11) S ortho-Terphenyl (SURR)       | 11.549 | 4461083    | 19.424 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.85%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.485  | 3648225    | 19.497 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.013  | 3885731    | 19.478 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.058  | 3942477    | 19.440 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.326  | 3666291    | 19.180 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.620  | 3878808    | 19.438 ug/ml |
| 8) T Flouorene (C16.55)            | 9.396  | 3865813    | 19.429 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.784 | 3898568    | 19.424 ug/ml |
| 10) T Anthracene (C19.43)          | 10.857 | 3646806    | 19.033 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.584 | 3895282    | 19.263 ug/ml |
| 13) T Pyrene (C20.8)               | 12.879 | 3809426    | 19.354 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.737 | 3476934    | 19.207 ug/ml |
| 15) T Chrysene (C27.41)            | 14.779 | 3619636    | 19.213 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.277 | 3468496    | 19.203 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.309 | 3432943    | 19.309 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.652 | 3352337    | 19.105 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.007 | 3153779    | 18.803 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.048 | 3106203    | 18.762 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.261 | 3180123    | 19.167 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

