

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112223AR\  
 Data File : FD046949.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Nov 2023 14:16  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 22 22:47:08 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 28 02:49:53 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...      | 7.476  | 3635284    | 19.933 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.87%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.330  | 2316028    | 19.680 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.36%       |
| 11) S ortho-Terphenyl (SURR)       | 11.367 | 4216702    | 19.913 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.83%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.291  | 3861144    | 19.993 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.816  | 4006819    | 20.010 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.864  | 4017731    | 19.990 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.133  | 3646848    | 19.828 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.429  | 3894868    | 19.883 ug/ml |
| 8) T Fluorene (C16.55)             | 9.207  | 3683680    | 19.915 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.595 | 3473256    | 19.523 ug/ml |
| 10) T Anthracene (C19.43)          | 10.669 | 3277742    | 19.234 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.398 | 3355177    | 19.427 ug/ml |
| 13) T Pyrene (C20.8)               | 12.691 | 3267194    | 19.649 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.556 | 2689668    | 19.117 ug/ml |
| 15) T Chrysene (C27.41)            | 14.598 | 2958543    | 18.970 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.097 | 2761966    | 19.298 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.129 | 2753286    | 18.806 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.473 | 2709841    | 19.333 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.830 | 2415436    | 19.120 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.871 | 2509930    | 17.966 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.080 | 2679630    | 19.192 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

