

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100223AR\  
 Data File : FD046624.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Oct 2023 06:01  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 03 06:27:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:47:22 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...      | 7.489  | 4061507    | 23.047 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.09%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.343  | 2654526    | 22.912 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.82%       |
| 11) S ortho-Terphenyl (SURR)       | 11.381 | 4687933    | 23.011 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.303  | 4265381    | 23.094 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.829  | 4447221    | 23.015 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.878  | 4487812    | 23.158 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.147  | 4078408    | 23.130 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.442  | 4337711    | 23.086 ug/ml |
| 8) T Fluorene (C16.55)             | 9.220  | 4182723    | 23.187 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.609 | 4044944    | 23.006 ug/ml |
| 10) T Anthracene (C19.43)          | 10.683 | 3886212    | 25.302 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.412 | 3922160    | 23.012 ug/ml |
| 13) T Pyrene (C20.8)               | 12.705 | 3793778    | 23.126 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.569 | 3217561    | 23.043 ug/ml |
| 15) T Chrysene (C27.41)            | 14.611 | 3406069    | 22.437 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.110 | 3182981    | 23.205 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.143 | 3200868    | 23.107 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.485 | 3097569    | 23.154 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.842 | 2947793    | 23.517 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.883 | 3048654    | 22.910 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.095 | 3027742    | 22.960 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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