

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052723AR\  
 Data File : FD045757.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 May 2023 21:11  
 Operator : YP/AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e  
 Quant Time: May 27 06:40:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:40:37 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...      | 7.540  | 8553693    | 48.167 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.33%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.397  | 5745077    | 48.194 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 96.39%       |
| 11) S ortho-Terphenyl (SURR)       | 11.437 | 10567735   | 48.251 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.50%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.348  | 9495692    | 48.025 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.879  | 9935980    | 47.998 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.929  | 9976372    | 48.126 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.201  | 9008650    | 48.243 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.498  | 9589175    | 48.173 ug/ml |
| 8) T Fluorene (C16.55)             | 9.276  | 9436538    | 48.222 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.666 | 9129694    | 48.317 ug/ml |
| 10) T Anthracene (C19.43)          | 10.741 | 8116309    | 49.668 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.472 | 8825017    | 48.358 ug/ml |
| 13) T Pyrene (C20.8)               | 12.767 | 8564226    | 48.402 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.631 | 7552203    | 48.632 ug/ml |
| 15) T Chrysene (C27.41)            | 14.675 | 7768827    | 48.370 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.173 | 7269366    | 48.365 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.209 | 7067053    | 48.037 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.549 | 6965940    | 48.800 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.908 | 6828145    | 47.933 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.950 | 6763054    | 47.944 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.164 | 6911419    | 48.127 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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