

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD093024AR\  
 Data File : FD048402.D  
 Signal(s) : FID2B.ch  
 Acq On : 30 Sep 2024 13:35  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Sep 30 14:16:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 14:16:33 2024  
 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...      | 7.384  | 962842     | 5.815 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 11.63%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.239  | 508479     | 4.903 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 9.81%       |
| 11) S ortho-Terphenyl (SURR)       | 11.266 | 990050     | 5.381 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.76%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.204  | 900690     | 5.139 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.725  | 984293     | 5.272 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.772  | 993261     | 5.256 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.035  | 1069085    | 5.573 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.328  | 1037231    | 5.483 ug/ml |
| 8) T Fluorene (C16.55)             | 9.111  | 932385     | 5.161 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.497 | 899656     | 5.076 ug/ml |
| 10) T Anthracene (C19.43)          | 10.575 | 925856     | 5.203 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.301 | 963834     | 5.329 ug/ml |
| 13) T Pyrene (C20.8)               | 12.593 | 968145     | 5.407 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.464 | 729221     | 4.563 ug/ml |
| 15) T Chrysene (C27.41)            | 14.502 | 1076419    | 5.771 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.008 | 811870     | 4.875 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.040 | 969266     | 5.710 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.393 | 799268     | 4.890 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.760 | 556571     | 4.231 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.806 | 921954     | 5.510 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.001 | 868643     | 5.348 ug/ml |
| -----                              |        |            |             |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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