

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092023AR\  
 Data File : FD046553.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Sep 2023 13:11  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 20 15:08:13 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...      | 7.490  | 3778718    | 21.442 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.88%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.344  | 2488638    | 21.480 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.96%       |
| 11) S ortho-Terphenyl (SURR)       | 11.381 | 4396187    | 21.579 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.16%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.305  | 3940329    | 21.334 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.831  | 4141019    | 21.430 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.879  | 4168987    | 21.513 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.147  | 3790152    | 21.495 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.443  | 4040833    | 21.506 ug/ml |
| 8) T Fluorene (C16.55)             | 9.221  | 3900983    | 21.625 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.610 | 3796474    | 21.592 ug/ml |
| 10) T Anthracene (C19.43)          | 10.684 | 3535779    | 23.020 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.412 | 3711219    | 21.774 ug/ml |
| 13) T Pyrene (C20.8)               | 12.706 | 3584254    | 21.849 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.569 | 3052485    | 21.861 ug/ml |
| 15) T Chrysene (C27.41)            | 14.611 | 3267678    | 21.526 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.110 | 2992030    | 21.813 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.143 | 3071213    | 22.171 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.485 | 2883786    | 21.556 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.841 | 2686269    | 21.430 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.883 | 2883755    | 21.671 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.093 | 2825285    | 21.424 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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