

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100323AR\  
 Data File : FD046632.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Oct 2023 11:57  
 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 04 01:21:49 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  | 3684531    | 20.908 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.82%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.342  | 2395330    | 20.675 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.35%       |
| 11) S ortho-Terphenyl (SURR)       | 11.380 | 4237372    | 20.799 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.60%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.304  | 3877906    | 20.996 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.829  | 4033981    | 20.876 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.877  | 4064917    | 20.976 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.146  | 3683210    | 20.889 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.441  | 3921390    | 20.870 ug/ml |
| 8) T Flouorene (C16.55)            | 9.219  | 3782057    | 20.966 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.608 | 3643474    | 20.722 ug/ml |
| 10) T Anthracene (C19.43)          | 10.682 | 3452912    | 22.481 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.410 | 3536530    | 20.749 ug/ml |
| 13) T Pyrene (C20.8)               | 12.704 | 3419649    | 20.845 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.568 | 2886887    | 20.675 ug/ml |
| 15) T Chrysene (C27.41)            | 14.609 | 3063753    | 20.182 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.109 | 2864626    | 20.884 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.141 | 2906966    | 20.985 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.483 | 2781737    | 20.794 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.841 | 2642227    | 21.079 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.882 | 2739319    | 20.586 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.093 | 2740734    | 20.783 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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