

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091823AR\  
 Data File : FD046517.D  
 Signal(s) : FID2B.ch  
 Acq On : 18 Sep 2023 09:36  
 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 18 11:14:06 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...      | 7.492  | 3768097    | 21.382 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.76%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.345  | 2464037    | 21.268 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.54%       |
| 11) S ortho-Terphenyl (SURR)       | 11.383 | 4413068    | 21.661 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.32%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.305  | 3981465    | 21.557 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.832  | 4164997    | 21.554 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.880  | 4188036    | 21.612 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.149  | 3811749    | 21.618 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.445  | 4045522    | 21.531 ug/ml |
| 8) T Fluorene (C16.55)             | 9.223  | 3861097    | 21.404 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.612 | 3744117    | 21.295 ug/ml |
| 10) T Anthracene (C19.43)          | 10.686 | 3549681    | 23.111 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.414 | 3637731    | 21.343 ug/ml |
| 13) T Pyrene (C20.8)               | 12.708 | 3527024    | 21.500 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.572 | 2869014    | 20.547 ug/ml |
| 15) T Chrysene (C27.41)            | 14.614 | 3109143    | 20.481 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.114 | 2880783    | 21.002 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.145 | 2860628    | 20.651 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.487 | 2731393    | 20.417 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.844 | 2412166    | 19.244 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.885 | 2367972    | 17.795 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.096 | 2688255    | 20.385 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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