

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092024AR\  
 Data File : FD048370.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Sep 2024 01:08  
 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 21 02:16:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 090624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 06 11:53:01 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  | 3047065    | 20.091 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.18%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.234  | 1977248    | 20.693 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.39%       |
| 11) S ortho-Terphenyl (SURR)       | 11.271 | 3497513    | 20.385 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.77%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.205  | 3487582    | 19.770 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.725  | 3572258    | 19.754 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.771  | 3553445    | 19.862 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.037  | 3483638    | 19.939 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.331  | 3556095    | 19.995 ug/ml |
| 8) T Fluorene (C16.55)             | 9.110  | 3385872    | 20.220 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.497 | 3352197    | 20.763 ug/ml |
| 10) T Anthracene (C19.43)          | 10.572 | 2936945    | 18.456 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.301 | 3358844    | 20.719 ug/ml |
| 13) T Pyrene (C20.8)               | 12.595 | 3327685    | 20.754 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.464 | 3020457    | 21.563 ug/ml |
| 15) T Chrysene (C27.41)            | 14.505 | 3170077    | 19.246 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.010 | 3181548    | 21.413 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.042 | 3184061    | 20.674 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.385 | 3116808    | 21.066 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.750 | 2695121    | 23.852 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.790 | 2827225    | 18.526 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.001 | 3075303    | 20.863 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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