

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111824AR\  
 Data File : FD048777.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Nov 2024 10:04  
 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: sample.E  
 Quant Time: Nov 19 11:00:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 111424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 14 14:16:25 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...      | 7.363  | 3623936    | 20.584 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.17%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.214  | 2381527    | 20.678 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.36%       |
| 11) S ortho-Terphenyl (SURR)       | 11.250 | 3963181    | 20.606 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.21%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.186  | 4019346    | 21.327 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.703  | 4094742    | 20.937 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.750  | 3995141    | 20.905 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.017  | 4040322    | 20.834 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.311  | 3970433    | 20.642 ug/ml |
| 8) T Fluorene (C16.55)             | 9.089  | 3967991    | 20.682 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.477 | 3818348    | 20.831 ug/ml |
| 10) T Anthracene (C19.43)          | 10.553 | 3672924    | 19.613 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.281 | 3810231    | 20.807 ug/ml |
| 13) T Pyrene (C20.8)               | 12.574 | 3710671    | 20.524 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.445 | 3436154    | 20.888 ug/ml |
| 15) T Chrysene (C27.41)            | 14.486 | 3608190    | 20.617 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.992 | 3202884    | 20.385 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.024 | 3497339    | 21.430 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.368 | 2988445    | 20.044 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.733 | 2485949    | 20.124 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.771 | 2737762    | 17.459 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.983 | 2737793    | 19.187 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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