

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101323AR\  
 Data File : FD046748.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Oct 2023 21:42  
 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: Oct 14 03:02:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 02:49:06 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...      | 7.487  | 3938107    | 21.214 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.43%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.340  | 2587328    | 21.354 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.71%       |
| 11) S ortho-Terphenyl (SURR)       | 11.378 | 4659390    | 21.536 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.07%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.300  | 4091968    | 21.073 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.827  | 4306745    | 21.288 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.875  | 4356562    | 21.328 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.144  | 3958532    | 21.445 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.440  | 4242043    | 21.339 ug/ml |
| 8) T Flouorene (C16.55)            | 9.218  | 4097514    | 21.526 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.607 | 3978746    | 21.586 ug/ml |
| 10) T Anthracene (C19.43)          | 10.680 | 2799988    | 21.417 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.410 | 3985301    | 21.874 ug/ml |
| 13) T Pyrene (C20.8)               | 12.704 | 3801666    | 21.679 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.568 | 3160268    | 21.580 ug/ml |
| 15) T Chrysene (C27.41)            | 14.609 | 3496455    | 21.732 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.109 | 3216104    | 21.523 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.141 | 3212250    | 21.353 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.483 | 3045182    | 21.533 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.840 | 2833466    | 20.900 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.881 | 2962157    | 20.964 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.092 | 2961790    | 21.055 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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