

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG090424AR\  
 Data File : FG014166.D  
 Signal(s) : FID1A.ch  
 Acq On : 04 Sep 2024 10:12  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD3  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e  
 Quant Time: Sep 04 11:06:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 090424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 11:06:02 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...      | 7.891  | 2283331    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.767  | 1498379    | 20.000 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.00%       |
| 11) S ortho-Terphenyl (SURR)       | 11.833 | 2664898    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.492  | 2565226    | 20.000 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.163  | 2622475    | 20.000 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.262  | 2528157    | 20.000 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.564  | 2622757    | 20.000 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.864  | 2725637    | 20.000 ug/ml |
| 8) T Fluorene (C16.55)             | 9.656  | 2626317    | 20.000 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.066 | 2450398    | 20.000 ug/ml |
| 10) T Anthracene (C19.43)          | 11.142 | 2694894    | 20.000 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.892 | 2617046    | 20.000 ug/ml |
| 13) T Pyrene (C20.8)               | 13.190 | 2627941    | 20.000 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.075 | 2333282    | 20.000 ug/ml |
| 15) T Chrysene (C27.41)            | 15.118 | 2727933    | 20.000 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.639 | 2375242    | 20.000 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.670 | 2555755    | 20.000 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.021 | 2482751    | 20.000 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.397 | 1951059    | 20.000 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.434 | 3020979    | 20.000 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.653 | 2657064    | 20.000 ug/ml |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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