

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110223AR\  
 Data File : FD046829.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Nov 2023 12:55  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Nov 02 23:05:53 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 28 02:49:53 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...      | 7.483  | 3568042    | 19.564 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.13%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.336  | 2298651    | 19.533 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.07%       |
| 11) S ortho-Terphenyl (SURR)       | 11.372 | 4191733    | 19.795 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.59%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.297  | 3718988    | 19.257 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.822  | 3872407    | 19.338 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.871  | 3918344    | 19.496 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.140  | 3583578    | 19.484 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.435  | 3841060    | 19.609 ug/ml |
| 8) T Flouorene (C16.55)            | 9.213  | 3663228    | 19.805 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.601 | 3510562    | 19.733 ug/ml |
| 10) T Anthracene (C19.43)          | 10.675 | 3151535    | 18.493 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.403 | 3413169    | 19.762 ug/ml |
| 13) T Pyrene (C20.8)               | 12.697 | 3324308    | 19.993 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.559 | 2743378    | 19.499 ug/ml |
| 15) T Chrysene (C27.41)            | 14.602 | 3017902    | 19.351 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.101 | 2771211    | 19.362 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.132 | 2807933    | 19.179 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.475 | 2682494    | 19.138 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.832 | 2372647    | 18.782 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.872 | 2513347    | 17.991 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.083 | 2603901    | 18.649 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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