

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111124AR\  
 Data File : FD048689.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Nov 2024 09:10  
 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: Nov 11 20:44:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:14:59 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...      | 7.367  | 3017934    | 19.884 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.77%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.218  | 1938268    | 19.740 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.48%       |
| 11) S ortho-Terphenyl (SURR)       | 11.252 | 3408150    | 20.008 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.190  | 3530865    | 20.296 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.708  | 3589955    | 20.119 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.755  | 3559196    | 19.899 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.020  | 3487503    | 19.861 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.314  | 3533850    | 19.924 ug/ml |
| 8) T Fluorene (C16.55)             | 9.093  | 3327955    | 19.688 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.479 | 3266541    | 19.761 ug/ml |
| 10) T Anthracene (C19.43)          | 10.555 | 2843604    | 17.783 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.284 | 3283103    | 19.949 ug/ml |
| 13) T Pyrene (C20.8)               | 12.577 | 3240955    | 20.120 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.446 | 2895459    | 19.803 ug/ml |
| 15) T Chrysene (C27.41)            | 14.487 | 3221211    | 19.583 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.993 | 3134700    | 20.619 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.024 | 3063111    | 20.379 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.369 | 3044849    | 20.232 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.734 | 2566633    | 19.671 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.774 | 3114876    | 19.141 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.984 | 3172953    | 20.726 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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