

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031924AR\  
 Data File : FD047401.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Mar 2024 09:56  
 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: Mar 20 11:36:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 13:13:44 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...      | 7.454  | 3339248    | 20.218 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.44%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.306  | 2203048    | 20.704 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.41%       |
| 11) S ortho-Terphenyl (SURR)       | 11.339 | 3807619    | 20.403 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.81%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.271  | 3560478    | 20.034 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.796  | 3667883    | 20.112 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.843  | 3674618    | 20.148 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.109  | 3355810    | 20.128 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.404  | 3570364    | 20.265 ug/ml |
| 8) T Flouorene (C16.55)            | 9.182  | 3446257    | 20.459 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.568 | 3355280    | 20.718 ug/ml |
| 10) T Anthracene (C19.43)          | 10.643 | 2990947    | 20.323 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.369 | 3314907    | 20.793 ug/ml |
| 13) T Pyrene (C20.8)               | 12.662 | 3201670    | 20.695 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.524 | 2866973    | 21.149 ug/ml |
| 15) T Chrysene (C27.41)            | 14.566 | 3074789    | 20.713 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.066 | 2953253    | 21.037 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.097 | 2954466    | 20.863 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.440 | 2906301    | 21.039 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.798 | 2780508    | 22.247 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.838 | 2923798    | 22.171 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.049 | 2886879    | 21.486 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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