

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042924AR\  
 Data File : FD047612.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Apr 2024 18:24  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 29 18:58:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 17:13:11 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...      | 7.458  | 3036212    | 19.360 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.72%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.312  | 2041579    | 19.518 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.04%       |
| 11) S ortho-Terphenyl (SURR)       | 11.352 | 3645900    | 19.441 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.88%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.267  | 3118329    | 19.287 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.795  | 3278222    | 19.374 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.845  | 3326242    | 19.527 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.115  | 3252539    | 19.944 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.410  | 3261712    | 19.404 ug/ml |
| 8) T Flouorene (C16.55)            | 9.189  | 3226816    | 19.399 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.580 | 3200513    | 19.549 ug/ml |
| 10) T Anthracene (C19.43)          | 10.654 | 2927440    | 19.544 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.386 | 3243459    | 19.547 ug/ml |
| 13) T Pyrene (C20.8)               | 12.680 | 3166160    | 19.459 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.548 | 2860646    | 19.597 ug/ml |
| 15) T Chrysene (C27.41)            | 14.590 | 3069119    | 19.476 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.093 | 2897042    | 19.397 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.126 | 2921950    | 19.408 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.469 | 2815825    | 19.515 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.831 | 2615184    | 19.269 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.872 | 2749958    | 19.207 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.083 | 2649075    | 19.294 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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