

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032423AR\  
 Data File : FD045331.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Mar 2023 12:37  
 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 25 02:27:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 01 16:43:59 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...      | 7.547  | 2758046    | 20.323 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.65%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.403  | 1814201    | 20.263 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.53%       |
| 11) S ortho-Terphenyl (SURR)       | 11.443 | 3482202    | 20.920 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.84%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.355  | 3145993    | 20.772 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.887  | 3246101    | 20.548 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.936  | 3230706    | 20.329 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.207  | 2937849    | 20.489 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.503  | 3119127    | 20.579 ug/ml |
| 8) T Fluorene (C16.55)             | 9.281  | 3001599    | 20.387 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.672 | 2923402    | 20.476 ug/ml |
| 10) T Anthracene (C19.43)          | 10.745 | 2760898    | 19.703 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.477 | 2908475    | 20.821 ug/ml |
| 13) T Pyrene (C20.8)               | 12.772 | 2833028    | 20.804 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.637 | 2628570    | 20.620 ug/ml |
| 15) T Chrysene (C27.41)            | 14.679 | 2690759    | 20.646 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.179 | 2669814    | 20.709 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.211 | 2636275    | 20.884 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.555 | 2576031    | 20.468 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.911 | 2324249    | 19.429 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.954 | 2366200    | 19.617 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.163 | 2474833    | 19.890 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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