

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD013123AR\  
 Data File : FD044942.D  
 Signal(s) : FID2B.ch  
 Acq On : 31 Jan 2023 19:15  
 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: Feb 01 03:44:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 23 15:00:18 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...      | 7.557  | 3012112    | 20.538 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.08%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.414  | 2042710    | 20.465 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.93%       |
| 11) S ortho-Terphenyl (SURR)       | 11.454 | 3801073    | 20.451 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.90%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.367  | 3277528    | 20.532 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.897  | 3479028    | 20.533 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.946  | 3498658    | 20.393 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.218  | 3199648    | 20.362 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.513  | 3418499    | 20.560 ug/ml |
| 8) T Fluorene (C16.55)             | 9.292  | 3370163    | 20.533 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.683 | 3310345    | 20.474 ug/ml |
| 10) T Anthracene (C19.43)          | 10.757 | 2816592    | 18.999 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.488 | 3296691    | 20.599 ug/ml |
| 13) T Pyrene (C20.8)               | 12.784 | 3211577    | 20.467 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.649 | 2889277    | 20.244 ug/ml |
| 15) T Chrysene (C27.41)            | 14.692 | 3066184    | 20.709 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.192 | 2946943    | 20.314 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.225 | 3008354    | 21.101 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.567 | 2811723    | 20.121 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.925 | 2857397    | 21.233 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.967 | 2968093    | 22.398 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.178 | 2800215    | 20.595 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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