

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050223AR\  
 Data File : FD045553.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 May 2023 10:58  
 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: May 02 12:52:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 24 08:37:21 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...      | 7.545  | 3449687    | 23.861 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 47.72%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.401  | 2223986    | 23.850 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 47.70%       |
| 11) S ortho-Terphenyl (SURR)       | 11.441 | 4333883    | 24.216 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 48.43%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.353  | 3981262    | 23.761 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.885  | 4058738    | 23.715 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.933  | 4014962    | 23.731 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.205  | 3638137    | 24.049 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.501  | 3898822    | 24.048 ug/ml |
| 8) T Flouorene (C16.55)            | 9.279  | 3664634    | 23.791 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.670 | 3527222    | 23.645 ug/ml |
| 10) T Anthracene (C19.43)          | 10.744 | 3219499    | 24.924 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.474 | 3485723    | 23.684 ug/ml |
| 13) T Pyrene (C20.8)               | 12.769 | 3435150    | 23.947 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.634 | 3007653    | 22.951 ug/ml |
| 15) T Chrysene (C27.41)            | 14.676 | 3183798    | 23.323 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.176 | 3112761    | 23.312 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.208 | 3018015    | 22.561 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.551 | 2909597    | 22.739 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.907 | 2598631    | 20.687 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.949 | 2380269    | 17.473 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.161 | 2942227    | 22.458 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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