

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022020AR\  
 Data File : FD032350.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Feb 2020 8:54  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 21 01:03:52 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020420.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 05 11:53:53 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.627  | 2927050    | 21.063 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.13%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.489  | 1965099    | 20.722 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.44%        |
| 11) S ortho-Terphenyl (SURR)       | 11.525 | 2937317    | 19.803 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.61%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.431  | 3178649    | 21.949 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.968  | 3296645    | 21.632 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.018  | 3222227    | 21.299 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.292  | 2987882    | 20.277 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.587  | 3129986    | 20.727 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.366  | 3061559    | 20.457 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.761 | 2970779    | 19.643 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.834 | 2629656    | 17.728 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.570 | 2860980    | 18.999 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.867 | 2814078    | 18.850 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.736 | 2597312    | 18.289 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.779 | 2645463    | 18.506 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.287 | 2601798    | 18.775 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.319 | 2589498    | 18.762 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.666 | 2560954    | 18.797 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.030 | 2528833    | 19.551 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.069 | 2626574    | 20.121 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.286 | 2536290    | 20.195 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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