

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040921AR\  
 Data File : FD036812.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Apr 2021 11:28  
 Operator : DD\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: Apr 10 00:30:36 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 11:18:39 2021  
 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...      | 7.592  | 2492696    | 17.724 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.45%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.454  | 1611024    | 17.163 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 34.33%       |
| 11) S ortho-Terphenyl (SURR)       | 11.494 | 2529552    | 16.562 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 33.12%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.391  | 2735372    | 18.661 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.930  | 2844686    | 18.100 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.982  | 2791069    | 17.759 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.257  | 2595559    | 17.322 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.553  | 2684024    | 17.290 ug/ml |
| 8) T Flouorene (C16.55)            | 9.333  | 2549453    | 16.933 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.728 | 2390098    | 16.307 ug/ml |
| 10) T Anthracene (C19.43)          | 10.802 | 2216084    | 15.308 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.538 | 2253749    | 16.053 ug/ml |
| 13) T Pyrene (C20.8)               | 12.834 | 2211787    | 16.121 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.703 | 2064868    | 17.387 ug/ml |
| 15) T Chrysene (C27.41)            | 14.746 | 2143702    | 17.726 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.253 | 2151533    | 19.607 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.284 | 2095477    | 19.713 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.630 | 2005482    | 20.123 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.993 | 2121550    | 21.106 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.032 | 2155450    | 21.376 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.248 | 2164082    | 21.359 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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