

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041621AR\  
 Data File : FD036954.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Apr 2021 6:36  
 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 16 07:21:48 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...      | 7.585  | 2423429    | 17.231 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.46%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.446  | 1558711    | 16.605 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 33.21%       |
| 11) S ortho-Terphenyl (SURR)       | 11.487 | 2484516    | 16.267 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 32.53%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.384  | 2669423    | 18.211 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.922  | 2767605    | 17.610 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.974  | 2713564    | 17.266 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.249  | 2523140    | 16.839 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.544  | 2608608    | 16.804 ug/ml |
| 8) T Flouorene (C16.55)            | 9.324  | 2472216    | 16.420 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.719 | 2328433    | 15.886 ug/ml |
| 10) T Anthracene (C19.43)          | 10.793 | 2268818    | 15.672 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.529 | 2189196    | 15.593 ug/ml |
| 13) T Pyrene (C20.8)               | 12.826 | 2153549    | 15.696 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.696 | 2038089    | 17.162 ug/ml |
| 15) T Chrysene (C27.41)            | 14.737 | 2108759    | 17.437 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.245 | 2121710    | 19.335 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.277 | 2054903    | 19.331 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.621 | 1974139    | 19.808 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.985 | 2082575    | 20.718 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.025 | 2105716    | 20.883 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.240 | 2117786    | 20.902 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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