

Data Path : P:\HPCHEM1\FID\_D\Data\FD051618AR\  
 Data File : FD023698.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 May 2018 11:16  
 Operator : UA/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 16 13:38:24 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 051418.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 15 11:41:03 2018  
 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...      | 7.615  | 1666438    | 17.217 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.43%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.476  | 1177529    | 17.075 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 34.15%       |
| 11) S ortho-Terphenyl (SURR)       | 11.528 | 1946358    | 17.071 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.14%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.402  | 1776830    | 17.355 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.948  | 1882178    | 17.226 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.002  | 1866851    | 17.204 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.279  | 1817426    | 17.106 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.576  | 1907204    | 17.116 ug/ml |
| 8) T Flouorene (C16.55)            | 9.357  | 1929366    | 17.092 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.756 | 2007865    | 17.061 ug/ml |
| 10) T Anthracene (C19.43)          | 10.831 | 1996993    | 16.986 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.570 | 2089635    | 17.054 ug/ml |
| 13) T Pyrene (C20.8)               | 12.868 | 2087552    | 16.950 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.741 | 2046299    | 17.089 ug/ml |
| 15) T Chrysene (C27.41)            | 14.785 | 2065740    | 17.026 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.294 | 2034401    | 17.002 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.327 | 2058559    | 17.042 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.672 | 1980362    | 17.010 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.036 | 1376715    | 15.081 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.079 | 1670018    | 15.478 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.290 | 1371902    | 14.490 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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