

Data Path : P:\HPCHEM1\FID\_D\Data\FD051418AR\  
 Data File : FD023660.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 May 2018 1:40  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 15 08:49:47 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 051418.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 15 07:48:21 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  | 1979178    | 20.448 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.90%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.476  | 1395711    | 20.239 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.48%       |
| 11) S ortho-Terphenyl (SURR)       | 11.528 | 2294647    | 20.126 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.25%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.402  | 2127183    | 20.778 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.947  | 2248295    | 20.577 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.002  | 2217907    | 20.439 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.279  | 2160299    | 20.333 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.575  | 2261110    | 20.293 ug/ml |
| 8) T Flouorene (C16.55)            | 9.357  | 2284442    | 20.238 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.755 | 2375916    | 20.188 ug/ml |
| 10) T Anthracene (C19.43)          | 10.830 | 2363551    | 20.104 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.570 | 2462032    | 20.094 ug/ml |
| 13) T Pyrene (C20.8)               | 12.867 | 2475472    | 20.100 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.742 | 2413846    | 20.158 ug/ml |
| 15) T Chrysene (C27.41)            | 14.784 | 2442362    | 20.130 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.294 | 2406065    | 20.108 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.326 | 2446541    | 20.254 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.672 | 2341091    | 20.108 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.036 | 1690867    | 18.522 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.079 | 2077165    | 19.252 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.290 | 1675598    | 17.698 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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