

Data Path : P:\HPCHEM1\FID\_D\Data\FD042918AR\  
 Data File : FD023365.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Apr 2018 11:53  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 30 20:57:20 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 24 21:25:16 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...      | 7.269  | 2550878    | 19.151 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.30%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.130  | 1454294    | 20.946 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.89%        |
| 11) S ortho-Terphenyl (SURR)       | 11.137 | 2916225    | 20.982 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.96%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.084  | 2745883    | 19.933 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.612  | 2515970    | 18.656 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 6.659  | 2686743    | 20.059 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.921  | 2816189    | 19.582 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.211  | 3142282    | 18.863 ug/ml  |
| 8) T Flouorene (C16.55)            | 8.994  | 2797546    | 19.782 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.384 | 2862091    | 21.618 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.462 | 2851041    | 20.383 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.189 | 3078043    | 22.155 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.481 | 3043234    | 21.413 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.357 | 2883763    | 22.860 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.399 | 3241712    | 20.820 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.913 | 2943336    | 21.704 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.944 | 3438505    | 21.093 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.297 | 3162450    | 22.064 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.676 | 2415247    | 18.670 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.700 | 3682622    | 22.206 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.924 | 2920288    | 19.770 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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