

Data Path : P:\HPCHEM1\FID D\Data\FD021418AR\  
 Data File : FD020022.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Feb 2018 16:16  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Feb 16 10:41:33 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 011818.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 19 04:27:29 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...           | 7.351  | 1473160    | 18.207 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 36.41%        |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.213  | 930908     | 17.019 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 34.04%        |
| 11) S ortho-Terphenyl (SURR)            | 11.233 | 1698334    | 17.167 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 34.33%        |
| Target Compounds                        |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...           | 4.155  | 1644320    | 18.574 ug/ml  |
| 2) T Naphthalene (C11.7)                | 5.689  | 1610753    | 18.035 ug/ml  |
| 3) T 2-Methylnaphthalene (...)          | 6.738  | 1645688    | 17.926 ug/ml  |
| 5) T Acenaphthylene (C15.06)            | 8.007  | 1690019    | 17.823 ug/ml  |
| 7) T Acenaphthene (C15.5)               | 8.299  | 1788798    | 18.337 ug/ml  |
| 8) T Fluorene (C16.55)                  | 9.082  | 1635957    | 17.215 ug/ml  |
| 9) T Phenanthrene (C19.36)              | 10.475 | 1698079    | 17.081 ug/ml  |
| 10) T Anthracene (C19.43)               | 10.552 | 1694187    | 17.422 ug/ml  |
| 12) T Fluoranthene (C21.85)             | 12.284 | 1823206    | 17.198 ug/ml  |
| 13) T Pyrene (C20.8)                    | 12.576 | 1828107    | 17.258 ug/ml  |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.453 | 1787102    | 17.075 ug/mlm |
| 15) T Chrysene (C27.41)                 | 14.496 | 1894053    | 17.525 ug/ml  |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 16.008 | 1818080    | 16.898 ug/mlm |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.040 | 2004773    | 17.699 ug/ml  |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.393 | 1880814    | 17.255 ug/ml  |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.765 | 1733339    | 17.521 ug/mlm |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.795 | 1877092    | 16.377 ug/mlm |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 18.015 | 1867961    | 17.899 ug/ml  |
| -----                                   |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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