

Data Path : P:\HPCHEM1\FID D\Data\FD031418AR\  
 Data File : FD022524.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Mar 2018 10:39  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 15 11:06:53 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 022018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 21 04:46:02 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...           | 7.325  | 1787027    | 21.331 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 42.66%        |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.185  | 1131633    | 22.383 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 44.77%        |
| 11) S ortho-Terphenyl (SURR)            | 11.210 | 2147021    | 22.624 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 45.25%        |
|                                         |        |            |               |
| Target Compounds                        |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...           | 4.132  | 1978888    | 22.409 ug/ml  |
| 2) T Naphthalene (C11.7)                | 5.663  | 1961968    | 21.933 ug/ml  |
| 3) T 2-Methylnaphthalene (...)          | 6.714  | 1939430    | 21.355 ug/ml  |
| 5) T Acenaphthylene (C15.06)            | 7.981  | 2039197    | 21.293 ug/ml  |
| 7) T Acenaphthene (C15.5)               | 8.273  | 2156453    | 21.051 ug/ml  |
| 8) T Fluorene (C16.55)                  | 9.055  | 2055259    | 21.919 ug/ml  |
| 9) T Phenanthrene (C19.36)              | 10.449 | 2141484    | 22.984 ug/ml  |
| 10) T Anthracene (C19.43)               | 10.526 | 2140107    | 22.569 ug/ml  |
| 12) T Fluoranthene (C21.85)             | 12.260 | 2277493    | 22.706 ug/ml  |
| 13) T Pyrene (C20.8)                    | 12.554 | 2269742    | 22.341 ug/ml  |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.432 | 2120869    | 21.994 ug/mlm |
| 15) T Chrysene (C27.41)                 | 14.474 | 2280532    | 21.130 ug/ml  |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 15.992 | 2009081    | 19.985 ug/mlm |
| 17) T Bnezo[ <i>k</i> ]fluoranthene ... | 16.022 | 2358232    | 20.782 ug/ml  |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.373 | 2101963    | 20.001 ug/ml  |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.754 | 1418632    | 14.890 ug/mlm |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.782 | 2510887    | 22.096 ug/ml  |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 18.005 | 1653910    | 15.924 ug/ml  |
| -----                                   |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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