

Data Path : P:\HPCHEM1\FID D\Data\FD031318AR\  
 Data File : FD022511.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Mar 2018 14:06  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 14 14:51:19 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  | 1724421    | 20.583 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 41.17%        |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.186  | 1053585    | 20.839 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 41.68%        |
| 11) S ortho-Terphenyl (SURR)            | 11.207 | 2058423    | 21.690 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 43.38%        |
| Target Compounds                        |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...           | 4.133  | 1876322    | 21.247 ug/ml  |
| 2) T Naphthalene (C11.7)                | 5.664  | 1876279    | 20.975 ug/ml  |
| 3) T 2-Methylnaphthalene (...)          | 6.714  | 1839084    | 20.250 ug/ml  |
| 5) T Acenaphthylene (C15.06)            | 7.980  | 1965298    | 20.521 ug/ml  |
| 7) T Acenaphthene (C15.5)               | 8.272  | 2082905    | 20.333 ug/ml  |
| 8) T Fluorene (C16.55)                  | 9.056  | 1966682    | 20.975 ug/ml  |
| 9) T Phenanthrene (C19.36)              | 10.448 | 2038355    | 21.877 ug/ml  |
| 10) T Anthracene (C19.43)               | 10.526 | 2027115    | 21.377 ug/ml  |
| 12) T Fluoranthene (C21.85)             | 12.258 | 2155830    | 21.493 ug/ml  |
| 13) T Pyrene (C20.8)                    | 12.552 | 2177530    | 21.433 ug/ml  |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.431 | 2046370    | 21.221 ug/mlm |
| 15) T Chrysene (C27.41)                 | 14.473 | 2230957    | 20.670 ug/ml  |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 15.988 | 2114557    | 21.034 ug/mlm |
| 17) T Bnezo[ <i>k</i> ]fluoranthene ... | 16.019 | 2334698    | 20.575 ug/ml  |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.373 | 2024617    | 19.265 ug/ml  |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.752 | 1409877    | 14.798 ug/mlm |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.780 | 2521343    | 22.188 ug/ml  |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 18.003 | 1827843    | 17.599 ug/ml  |
| -----                                   |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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