

Data Path : P:\HPCHEM1\FID D\Data\FD030118AR\  
 Data File : FD020220.D  
 Signal(s) : FID2B.CH  
 Acq On : 01 Mar 2018 17:48  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 02 09:43:04 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...           | 7.341  | 1637556    | 19.547 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 39.09%       |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.200  | 1050813    | 20.785 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 41.57%       |
| 11) S ortho-Terphenyl (SURR)            | 11.226 | 1945006    | 20.495 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 40.99%       |
| Target Compounds                        |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...           | 4.149  | 1740716    | 19.712 ug/ml |
| 2) T Naphthalene (C11.7)                | 5.680  | 1791763    | 20.030 ug/ml |
| 3) T 2-Methylnaphthalene (...)          | 6.730  | 1783798    | 19.641 ug/ml |
| 5) T Acenaphthylene (C15.06)            | 7.997  | 1876484    | 19.594 ug/ml |
| 7) T Acenaphthene (C15.5)               | 8.289  | 2000981    | 19.533 ug/ml |
| 8) T Fluorene (C16.55)                  | 9.071  | 1899534    | 20.258 ug/ml |
| 9) T Phenanthrene (C19.36)              | 10.465 | 1956563    | 21.000 ug/ml |
| 10) T Anthracene (C19.43)               | 10.541 | 1976220    | 20.840 ug/ml |
| 12) T Fluoranthene (C21.85)             | 12.275 | 2114013    | 21.076 ug/ml |
| 13) T Pyrene (C20.8)                    | 12.570 | 2105137    | 20.720 ug/ml |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.447 | 2036658    | 21.121 ug/ml |
| 15) T Chrysene (C27.41)                 | 14.489 | 2164776    | 20.057 ug/ml |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 16.005 | 2086108    | 20.751 ug/ml |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.035 | 2250828    | 19.835 ug/ml |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.386 | 2081229    | 19.804 ug/ml |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.763 | 1851399    | 19.432 ug/ml |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.794 | 2367135    | 20.831 ug/ml |
| 21) T Benzo[ <i>a,h,i</i> ]perylene ... | 18.014 | 2052530    | 19.762 ug/ml |
| -----                                   |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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