

Data Path : P:\HPCHEM1\FID\_D\Data\FD030518AR\  
 Data File : FD022399.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 Mar 2018 10:49  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Manual Integrations  
 APPROVED

ugo  
 3/9/2018 10:56:56 AM

Integration File: autoint1.e  
 Quant Time: Mar 08 01:56:20 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...      | 7.334  | 1785868    | 21.317 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.63%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.194  | 1149152    | 22.730 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.46%        |
| 11) S ortho-Terphenyl (SURR)       | 11.219 | 2148211    | 22.636 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 45.27%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.142  | 1968303    | 22.289 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.673  | 1970581    | 22.029 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.723  | 1980057    | 21.802 ug/mlm |
| 5) T Acenaphthylene (C15.06)       | 7.991  | 2043510    | 21.338 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.283  | 2142425    | 20.914 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.065  | 2072884    | 22.107 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.458 | 2170642    | 23.297 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.535 | 2187604    | 23.070 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.268 | 2317591    | 23.105 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.563 | 2309727    | 22.734 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.441 | 2208591    | 22.903 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.482 | 2347531    | 21.750 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.998 | 2281260    | 22.692 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.028 | 2389454    | 21.057 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.380 | 2254874    | 21.456 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.759 | 1608322    | 16.881 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.787 | 2654277    | 23.358 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.011 | 1839102    | 17.707 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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