

Data Path : P:\HPCHEM1\FID\_D\Data\FD041618AR\  
 Data File : FD023046.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Apr 2018 1:03  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Manual Integrations  
 APPROVED

UGO  
 4/19/2018 3:25:08 PM

Integration File: autoint1.e  
 Quant Time: Apr 17 11:33:31 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 17 11:02:32 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...      | 7.297  | 2654110    | 19.571 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.14%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.161  | 1483892    | 20.821 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.64%        |
| 11) S ortho-Terphenyl (SURR)       | 11.175 | 2748111    | 19.657 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.31%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.105  | 2683503    | 19.251 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.637  | 2758739    | 20.156 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.686  | 2720733    | 19.931 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.951  | 2876756    | 19.682 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.243  | 3181867    | 18.835 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.027  | 2784273    | 19.443 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.419 | 2672331    | 20.134 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.499 | 2682589    | 19.172 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.231 | 2698349    | 19.645 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.524 | 2738012    | 19.397 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.403 | 2530448    | 20.368 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.448 | 2956261    | 19.095 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.959 | 2730782    | 20.258 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 15.992 | 3244926    | 19.665 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.347 | 2892454    | 20.064 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.723 | 2677681    | 20.634 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.751 | 3377959    | 20.307 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.974 | 2959852    | 19.970 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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