

Data Path : P:\HPCHEM1\FID\_D\Data\FD041618AR\  
 Data File : FD023069.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Apr 2018 16:10  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampled :

Manual Integrations  
 APPROVED

UGO  
 4/19/2018 3:25:03 PM

Integration File: autoint1.e  
 Quant Time: Apr 18 05:09:09 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...      | 7.291  | 2770385    | 20.428 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.86%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.154  | 1634991    | 22.942 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.88%        |
| 11) S ortho-Terphenyl (SURR)       | 11.171 | 2986367    | 21.361 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.72%        |
|                                    |        |            |               |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.101  | 2883778    | 20.688 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.631  | 2956344    | 21.600 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.680  | 2913703    | 21.345 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.946  | 3067607    | 20.988 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.236  | 3353232    | 19.849 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.021  | 2967310    | 20.721 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.414 | 2912046    | 21.940 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.492 | 2919335    | 20.864 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.224 | 3039802    | 22.131 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.518 | 3014393    | 21.355 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.397 | 2992853    | 24.091 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.439 | 3322104    | 21.458 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.954 | 3182162    | 23.606 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 15.986 | 3505286    | 21.243 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.337 | 3367015    | 23.356 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.717 | 3034371    | 23.383 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.744 | 3676641    | 22.103 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.967 | 3289909    | 22.197 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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