

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\  
 Data File : FD023622.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 May 2018 15:14  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Manual Integrations  
 APPROVED

ugo  
 5/16/2018 10:15:45 AM

Integration File: sample.E  
 Quant Time: May 15 21:15:23 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 15 20:59:44 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...      | 7.248  | 2843362    | 20.966 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.93%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.108  | 1682812    | 23.613 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 47.23%        |
| 11) S ortho-Terphenyl (SURR)       | 11.117 | 3379400    | 24.172 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 48.34%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.065  | 2971844    | 21.320 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.592  | 2928170    | 21.394 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.638  | 3058221    | 22.404 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.900  | 3232233    | 22.115 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.190  | 3638401    | 21.537 ug/ml  |
| 8) T Fluorene (C16.55)             | 8.974  | 3229312    | 22.551 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.364 | 3299929    | 24.862 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.442 | 3284004    | 23.471 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.170 | 3524730    | 25.661 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.463 | 3467076    | 24.562 ug/ml  |
| 14) T Benzo[alanthracene (C...     | 14.341 | 3300518    | 26.567 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.383 | 3648215    | 23.564 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.900 | 3198694    | 23.729 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.929 | 3861109    | 23.399 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.284 | 3165543    | 21.959 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.668 | 1928838    | 14.864 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.689 | 4103961    | 24.672 ug/ml  |
| 21) T Benzo[a,h,i]pervlene ...     | 17.920 | 2650876    | 17.885 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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