

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071218AR\  
 Data File : FD025007.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Jul 2018 10:22  
 Operator : AJ\SJ  
 Sample : AR IDOC WATER 02  
 Misc : FOR SJ  
 ALS Vial : 79 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Jul 13 15:53:25 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 22 09:02:19 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...      | 7.475  | 4504637    | 49.243 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.49%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.332  | 2988585    | 47.122 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 94.24%       |
| 11) S ortho-Terphenyl (SURR)       | 11.380 | 4599705    | 45.834 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 91.67%       |
|                                    |        |            |              |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.269  | 3184910    | 34.269 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.807  | 4262106    | 42.002 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.861  | 4437968    | 43.649 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.135  | 4343445    | 43.500 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.432  | 4523890    | 43.307 ug/ml |
| 8) T Flouorene (C16.55)            | 9.212  | 4592998    | 43.958 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.607 | 4889765    | 47.558 ug/ml |
| 10) T Anthracene (C19.43)          | 10.682 | 4870699    | 47.775 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.417 | 5213884    | 52.290 ug/ml |
| 13) T Pyrene (C20.8)               | 12.713 | 5176046    | 52.053 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.587 | 5362302    | 57.118 ug/ml |
| 15) T Chrysene (C27.41)            | 14.631 | 5278471    | 55.796 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.136 | 5382144    | 52.047 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.173 | 5286797    | 50.100 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.515 | 5304667    | 51.046 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.880 | 5187565    | 48.669 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.922 | 5210631    | 49.820 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.137 | 5178211    | 48.752 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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