

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082018AR\  
 Data File : FD025423.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Aug 2018 18:37  
 Operator : AJ\SJ  
 Sample : AR IDOC SOIL-01  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 21 04:22:52 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 072018.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 21 00:37:31 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...      | 7.438  | 4237911    | 54.900 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 109.80%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.292  | 3103499    | 57.719 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 115.44%       |
| 11) S ortho-Terphenyl (SURR)       | 11.337 | 4538017    | 53.474 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 106.95%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.235  | 3167816    | 40.559 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.771  | 3854366    | 44.739 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.824  | 4073026    | 47.372 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.095  | 4131101    | 48.637 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.392  | 4307527    | 48.379 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.171  | 4416128    | 49.585 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.564 | 4980693    | 55.610 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.639 | 5034392    | 57.171 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.372 | 5606358    | 63.811 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.668 | 5582442    | 63.524 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.540 | 5784441    | 69.356 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.583 | 5738087    | 68.114 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.087 | 5811349    | 64.593 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.124 | 5734657    | 63.694 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.466 | 5745969    | 62.426 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.830 | 5635971    | 59.737 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.871 | 5486687    | 59.955 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.086 | 5643778    | 58.259 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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