

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012023AR\  
 Data File : FD044860.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Jan 2023 00:01  
 Operator : YP/AJ  
 Sample : 01214-14MSD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 21 03:56:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 011923.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 19 13:44:02 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.667  | 8210782    | 46.665 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 93.33%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.524  | 5580639    | 46.232 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 92.46%       |
| 11) S ortho-Terphenyl (SURR)       | 11.549 | 6117910    | 26.638 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 53.28%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.486  | 6641450    | 35.493 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.014  | 7171069    | 35.947 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.059  | 7245056    | 35.726 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.329  | 7755167    | 40.570 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.623  | 8049095    | 40.337 ug/ml |
| 8) T Fluorene (C16.55)             | 9.399  | 8279064    | 41.609 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.787 | 8659421    | 43.145 ug/ml |
| 10) T Anthracene (C19.43)          | 10.862 | 8673000    | 45.265 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.589 | 8861035    | 43.820 ug/ml |
| 13) T Pyrene (C20.8)               | 12.885 | 8853871    | 44.983 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.745 | 8327547    | 46.003 ug/ml |
| 15) T Chrysene (C27.41)            | 14.790 | 9650176    | 51.223 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.286 | 8134226    | 45.034 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.321 | 7629218    | 42.912 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.662 | 7296888    | 41.584 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.019 | 7848119    | 46.791 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.059 | 7188415    | 43.419 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.275 | 7541743    | 45.455 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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