

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072423AR\  
 Data File : FD046209.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jul 2023 23:42  
 Operator : YP/AJ  
 Sample : 03580-03MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 SAMPLE-2MSD

Integration File: sample.E  
 Quant Time: Jul 25 05:16:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071923.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 03:07:14 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...      | 7.509  | 9768457    | 65.350 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 130.70%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.364  | 5507183    | 58.829 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 117.66%      |
| 11) S ortho-Terphenyl (SURR)       | 11.402 | 8653606    | 49.551 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 99.10%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.319  | 7152424    | 39.257 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.847  | 8346903    | 46.214 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.897  | 9025214    | 51.279 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.168  | 9363771    | 61.371 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.465  | 9874818    | 60.559 ug/ml |
| 8) T Flouorene (C16.55)            | 9.243  | 9966805    | 65.502 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.634 | 10103739   | 70.166 ug/ml |
| 10) T Anthracene (C19.43)          | 10.710 | 9587757    | 73.262 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.440 | 10298161   | 73.699 ug/ml |
| 13) T Pyrene (C20.8)               | 12.735 | 10167145   | 73.359 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.599 | 9243279    | 70.420 ug/ml |
| 15) T Chrysene (C27.41)            | 14.645 | 9284255    | 65.845 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.145 | 9259873    | 67.707 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.145 | 9259873    | 67.556 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.521 | 8249216    | 63.364 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.882 | 8445341    | 70.218 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.882 | 8445341    | 66.033 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.137 | 7875871    | 62.079 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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