

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091923AR\  
 Data File : FD046542.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Sep 2023 15:57  
 Operator : YP/AJ  
 Sample : 04433-01MSD  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PILE-2MSD

Integration File: autoint1.e  
 Quant Time: Sep 20 01:12:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:47:22 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...      | 7.494  | 9153504    | 51.942 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 103.88%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.347  | 5810051    | 50.148 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 100.30%      |
| 11) S ortho-Terphenyl (SURR)       | 11.385 | 7267940    | 35.675 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 71.35%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.307  | 6161610    | 33.360 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.832  | 7087866    | 36.680 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.881  | 7482716    | 38.613 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.151  | 8025722    | 45.517 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.447  | 7885567    | 41.968 ug/ml |
| 8) T Fluorene (C16.55)             | 9.225  | 8178410    | 45.337 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.615 | 8256154    | 46.957 ug/ml |
| 10) T Anthracene (C19.43)          | 10.690 | 8156240    | 53.102 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.419 | 8281328    | 48.588 ug/ml |
| 13) T Pyrene (C20.8)               | 12.714 | 8304481    | 50.622 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.578 | 7560272    | 54.144 ug/ml |
| 15) T Chrysene (C27.41)            | 14.622 | 7538555    | 49.660 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.119 | 7135536    | 52.021 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.155 | 7073714    | 51.065 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.495 | 6735579    | 50.349 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.854 | 6690636    | 53.376 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.895 | 6340551    | 47.648 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.108 | 6333566    | 48.028 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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