

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082223AR\  
 Data File : FD046368.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Aug 2023 09:06  
 Operator : YP/AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Aug 22 11:13:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 22 11:13:00 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...      | 7.506  | 16118131   | 95.569 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 191.14%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.361  | 10844912   | 96.984 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 193.97%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.399 | 18492142   | 94.773 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 189.55%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.315  | 16541755   | 94.339 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.845  | 17437620   | 94.746 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.895  | 17621740   | 94.747 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.165  | 16218223   | 95.379 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.463  | 17140459   | 95.391 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.241  | 16862475   | 96.077 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.630 | 16454128   | 96.011 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.708 | 16303700   | 96.745 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.436 | 15913246   | 95.909 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.731 | 15418777   | 96.030 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.594 | 13588502   | 96.962 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.641 | 14149091   | 96.151 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.138 | 13125002   | 97.304 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.178 | 12932201   | 96.054 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.517 | 12593788   | 95.994 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.877 | 12375986   | 99.793 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.918 | 11637506   | 92.660 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.134 | 12183444   | 95.829 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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