

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082223AR\
 Data File : FD046371.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 11:10
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 22 11:44:57 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... Spiked Amount 50.000 | 7.497 | 1690645 Recovery = | 10.024 ug/ml 20.05% |
| 6) S 2-Fluorobiphenyl (SURR) Spiked Amount 50.000 Range 0 - 131 | 8.351 | 1101655 Recovery = | 9.852 ug/ml 19.70% |
| 11) S ortho-Terphenyl (SURR) Spiked Amount 50.000 | 11.387 | 1976212 Recovery = | 10.128 ug/ml 20.26% |
| Target Compounds | | | |
| 1) T 1,2,3-Trimethylbenzen... | 4.312 | 1761114 | 10.044 ug/ml |
| 2) T Naphthalene (C11.7) | 5.838 | 1845293 | 10.026 ug/ml |
| 3) T 2-Methylnaphthalene (...) | 6.885 | 1852014 | 9.958 ug/ml |
| 5) T Acenaphthylene (C15.06) | 8.154 | 1696704 | 9.978 ug/ml |
| 7) T Acenaphthene (C15.5) | 8.449 | 1808362 | 10.064 ug/ml |
| 8) T Fluorene (C16.55) | 9.227 | 1741307 | 9.921 ug/ml |
| 9) T Phenanthrene (C19.36) | 10.616 | 1710319 | 9.980 ug/ml |
| 10) T Anthracene (C19.43) | 10.690 | 1678653 | 9.961 ug/ml |
| 12) T Fluoranthene (C21.85) | 12.417 | 1663463 | 10.026 ug/ml |
| 13) T Pyrene (C20.8) | 12.712 | 1615164 | 10.059 ug/ml |
| 14) T Benzo[a]anthracene (C...) | 14.574 | 1407659 | 10.045 ug/ml |
| 15) T Chrysene (C27.41) | 14.616 | 1490349 | 10.128 ug/ml |
| 16) T benzo[b]fluoranthene ... | 16.115 | 1362562 | 10.102 ug/ml |
| 17) T Bnezo[k]fluoranthene ... | 16.145 | 1363997 | 10.131 ug/ml |
| 18) T Benzo[a]pyrene (C31.34) | 16.489 | 1321838 | 10.075 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren... | 17.846 | 1238087 | 9.983 ug/ml |
| 20) T Dibenz[a,h]anthracene... | 17.888 | 1273068 | 10.136 ug/ml |
| 21) T Benzo[g,h,i]perylene ... | 18.097 | 1286705 | 10.121 ug/ml |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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