

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110322AR\  
 Data File : FD044387.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Nov 2022 19:46  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022  
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e  
 Quant Time: Nov 04 06:00:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110322.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 04 05:41:11 2022  
 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...      | 7.708  | 728228     | 5.382 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.76%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.571  | 513163     | 5.472 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.94%       |
| 11) S ortho-Terphenyl (SURR)       | 11.614 | 917615     | 5.348 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 10.70%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.508  | 784818     | 5.384 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.048  | 839681     | 5.393 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.099  | 856830     | 5.423 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.375  | 847593     | 5.621 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.670  | 843090     | 5.449 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.449  | 836914     | 5.442 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.847 | 795994     | 5.293 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.920 | 775385     | 5.292 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.657 | 808061     | 5.317 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.953 | 781750     | 5.259 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.819 | 735565     | 5.255 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.860 | 774835     | 5.291 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.363 | 753818     | 5.241 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.395 | 753807     | 5.302 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.740 | 726782     | 5.195 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.098 | 699457     | 5.130 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.139 | 717435     | 5.326 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.351 | 714152     | 5.232 ug/mlm |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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