

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF051424AR\  
 Data File : FF014231.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 May 2024 16:05  
 Operator : YP\AJ  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 10 PPM AROMATIC HC STD4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024  
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e  
 Quant Time: May 14 16:24:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 051424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 14 16:24:40 2024  
 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...      | 7.903  | 1051387    | 9.834 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 19.67%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.775  | 573841     | 9.069 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 18.14%       |
| 11) S ortho-Terphenyl (SURR)       | 11.835 | 1476889    | 10.649 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 21.30%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.519  | 1251362    | 10.482 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.183  | 1175664    | 9.909 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.276  | 1099738    | 9.727 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.573  | 1138057    | 10.092 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.872  | 1296448    | 10.323 ug/ml |
| 8) T Flouorene (C16.55)            | 9.661  | 1064402    | 9.831 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.064 | 1044792    | 9.947 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.140 | 945646     | 10.296 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.882 | 1167068    | 10.247 ug/ml |
| 13) T Pyrene (C20.8)               | 13.180 | 1133812    | 10.291 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.062 | 725359     | 8.996 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.102 | 1168100    | 10.950 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.617 | 1002774    | 9.701 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.648 | 1266962    | 11.198 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.999 | 1104678    | 10.447 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.371 | 802938     | 8.466 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.413 | 1131869    | 10.825 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.621 | 1275546    | 10.462 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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