

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052224AR\  
 Data File : FF014265.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 May 2024 11:25  
 Operator : YP\AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/23/2024  
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e  
 Quant Time: May 22 12:05:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 052224.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 12:04:46 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  | 443217     | 3.923 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 7.85%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.779  | 224059     | 3.427 ug/mlm |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 6.85%        |
| 11) S ortho-Terphenyl (SURR)       | 11.833 | 670507     | 4.702 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 9.40%        |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.517  | 639478     | 4.694 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.182  | 545810     | 4.074 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.276  | 476624     | 3.941 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.572  | 562881     | 4.254 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.870  | 626424     | 4.497 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.662  | 413401     | 4.054 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.066 | 428965     | 4.070 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.144 | 404448     | 4.246 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.884 | 532909     | 4.390 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.179 | 546067     | 4.438 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.071 | 175060     | 3.117 ug/mlm |
| 15) T Chrysene (C27.41)            | 15.108 | 479564     | 5.755 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.623 | 342451     | 3.195 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.654 | 607057     | 5.795 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.008 | 391170     | 4.090 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.385 | 248480     | 3.316 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.438 | 297508     | 4.866 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.628 | 528942     | 4.197 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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