

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090624AR\  
 Data File : FD048278.D  
 Signal(s) : FID2B.ch  
 Acq On : 06 Sep 2024 08:26  
 Operator : YP/AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/09/2024  
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e  
 Quant Time: Sep 06 10:20:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 090624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 06 10:19:09 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...      | 7.397  | 14576847   | 95.183 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 190.37%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.248  | 9654628    | 97.415 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 194.83%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.287 | 16309357   | 94.263 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 188.53%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.216  | 16631674   | 94.071 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.737  | 17191169   | 94.211 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.785  | 17171474   | 95.455 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.053  | 16698789   | 94.565 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.350  | 16787686   | 93.283 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.127  | 16245210   | 95.206 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.516 | 15881369   | 97.427 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.592 | 15249702   | 96.752 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.321 | 15551466   | 95.934 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.616 | 15403885   | 95.801 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.484 | 14511099   | 100.499 ug/ml |
| 15) T Chrysene (C27.41)            | 14.530 | 14856353   | 91.449 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.033 | 14948599   | 98.112 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.072 | 14049118   | 93.248 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.412 | 14583345   | 96.652 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.775 | 13350893   | 118.047 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.817 | 13338306   | 84.078 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.033 | 14264609   | 95.767 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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