

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082024AR\  
 Data File : FF014443.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Aug 2024 16:23  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM AROMATIC HC STD ICV

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024  
 Supervised By :Ankita Jodhani 08/21/2024

Integration File: autoint1.e  
 Quant Time: Aug 20 16:45:10 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 082024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 20 15:55:53 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...      | 7.875  | 2371338    | 21.178 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.36%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.746  | 1425950    | 21.299 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.60%        |
| 11) S ortho-Terphenyl (SURR)       | 11.806 | 2976371    | 20.659 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.32%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.489  | 2762976    | 20.737 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.152  | 2818495    | 21.170 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.247  | 2782760    | 20.846 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.544  | 2784139    | 20.784 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.843  | 2926233    | 20.506 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.632  | 2732776    | 21.077 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.034 | 2695127    | 21.153 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.109 | 2860665    | 21.440 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.852 | 2887220    | 21.013 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.149 | 2837276    | 20.484 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.028 | 2465298    | 21.924 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.070 | 3170920    | 20.298 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.585 | 2605371    | 22.144 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.616 | 2894371    | 19.952 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.964 | 2632326    | 20.836 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.334 | 1736337    | 20.770 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.379 | 2997645    | 21.696 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.587 | 2582084    | 21.044 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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