

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101323AR\  
 Data File : FD046739.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Oct 2023 13:41  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023  
 Supervised By :Ankita Jodhani 10/17/2023

Integration File: autoint1.e  
 Quant Time: Oct 14 02:58:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101023.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 11 02:49:06 2023  
 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...      | 7.488  | 3874179    | 20.870 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.74%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.341  | 2531361    | 20.892 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.78%        |
| 11) S ortho-Terphenyl (SURR)       | 11.378 | 4559250    | 21.073 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.15%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.301  | 4000641    | 20.603 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.827  | 4218752    | 20.853 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.876  | 4274320    | 20.926 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.145  | 3883622    | 21.039 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.440  | 4173017    | 20.992 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.218  | 4034661    | 21.196 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.607 | 3865999    | 20.974 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.680 | 2708223    | 20.715 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.409 | 3821089    | 20.973 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.703 | 3713807    | 21.178 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.567 | 3066131    | 20.937 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.609 | 3396605    | 21.111 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.108 | 3170976    | 21.221 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.141 | 3150003    | 20.939 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.483 | 2978201    | 21.059 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.840 | 2761455    | 20.369 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.881 | 2800272    | 19.818 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.091 | 2949559    | 20.968 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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