

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040723AR\  
 Data File : FD045445.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Apr 2023 23:09  
 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 04/10/2023  
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e  
 Quant Time: Apr 10 04:41:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 0302823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 28 05:56:14 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...      | 7.548  | 2805520    | 20.477 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.95%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.403  | 1829219    | 20.405 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.81%        |
| 11) S ortho-Terphenyl (SURR)       | 11.442 | 3505413    | 20.148 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.30%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.359  | 3222709    | 20.687 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.888  | 3308107    | 20.585 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.936  | 3282366    | 20.505 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.207  | 2938250    | 20.068 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.502  | 3154219    | 20.336 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.281  | 3013987    | 20.325 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.670 | 2897887    | 20.005 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.744 | 2477325    | 17.922 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.475 | 2902573    | 20.175 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.770 | 2810134    | 19.987 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.635 | 2556504    | 19.935 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.677 | 2707160    | 20.416 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.177 | 2595899    | 19.983 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.210 | 2668775    | 21.071 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.553 | 2455762    | 19.532 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.908 | 2197654    | 18.568 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.950 | 2362465    | 19.830 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.161 | 2325791    | 18.620 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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