

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062722AR\  
 Data File : FD043063.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Jun 2022 16:40  
 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 06/28/2022  
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e  
 Quant Time: Jun 28 02:51:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:47:50 2022  
 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...      | 7.629  | 3235291    | 20.953 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.91%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.492  | 2197586    | 20.835 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.67%        |
| 11) S ortho-Terphenyl (SURR)       | 11.536 | 3714654    | 20.438 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.88%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.428  | 3518177    | 20.948 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.966  | 3645939    | 20.825 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.019  | 3361886    | 20.902 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.295  | 3643215    | 20.497 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.591  | 3633535    | 20.750 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.372  | 3574812    | 20.623 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.769 | 3518364    | 20.514 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.843 | 3400906    | 20.018 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.581 | 3435488    | 20.484 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.878 | 3336955    | 20.476 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.751 | 3179329    | 20.472 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.793 | 3181589    | 20.158 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.302 | 3154452    | 20.694 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.333 | 2998132    | 20.485 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.680 | 2956582    | 20.671 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.044 | 2628961    | 21.009 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.084 | 2866110    | 21.319 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.299 | 2798214    | 21.454 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

