

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102822AR\  
 Data File : FD044314.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Oct 2022 00:23  
 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 10/31/2022  
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E  
 Quant Time: Oct 29 06:43:50 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101322.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 14 01:33:37 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...      | 7.415  | 2626900    | 21.158 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.32%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.276  | 1391064    | 18.474 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 36.95%        |
| 11) S ortho-Terphenyl (SURR)       | 11.292 | 3583322    | 21.171 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.34%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.223  | 3018547    | 21.386 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.757  | 2898314    | 21.141 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.802  | 2938497    | 20.729 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.070  | 2877545    | 20.512 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.359  | 3404763    | 21.895 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.143  | 2885426    | 20.510 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.534 | 2761728    | 20.507 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.616 | 2253819    | 16.773 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.339 | 2838432    | 21.254 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.632 | 2401461    | 19.012 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.502 | 2200115    | 20.713 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.545 | 3035641    | 23.157 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.048 | 2424179    | 21.601 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.081 | 2927366    | 23.009 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.433 | 1859442    | 16.002 ug/mlm |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.793 | 2215756    | 20.784 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.829 | 2518343    | 20.356 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.041 | 2425074    | 20.657 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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