

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120621AR\  
 Data File : FD039745.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 Dec 2021 10:05  
 Operator : AJ\MA  
 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 :Ankita Jodhani 12/07/2021  
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e  
 Quant Time: Dec 07 11:27:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 24 04:30:20 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.738  | 1979913    | 17.697 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 35.39%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.608  | 1296198    | 17.283 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 34.57%        |
| 11) S ortho-Terphenyl (SURR)       | 11.650 | 2197423    | 17.767 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 35.53%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.527  | 2164208    | 17.473 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.074  | 2254339    | 17.628 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.128  | 2280279    | 17.551 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.409  | 2112113    | 17.590 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.705  | 2274029    | 17.856 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.488  | 2142356    | 17.441 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.888 | 2079943    | 17.341 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.964 | 2091429    | 17.461 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.705 | 2042433    | 17.133 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.003 | 1988961    | 17.493 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.877 | 1801303    | 18.429 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.920 | 2096466    | 18.415 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.431 | 1939213    | 19.712 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.462 | 1974626    | 18.660 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.812 | 1844268    | 19.136 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.178 | 1676870    | 17.989 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.216 | 1964828    | 19.184 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.433 | 1845219    | 18.668 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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