

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102220AR\  
 Data File : FD035131.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Oct 2020 4:40  
 Operator : DD\AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Manual Integrations  
 APPROVED

Ankita  
 10/23/2020 4:48:20 PM

Integration File: autoint1.e  
 Quant Time: Oct 23 05:13:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102220.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 23 05:13:15 2020  
 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...      | 7.650  | 497175     | 4.170 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 8.34%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.516  | 334016     | 4.040 ug/mlm |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 8.08%        |
| 11) S ortho-Terphenyl (SURR)       | 11.550 | 601646     | 4.467 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 8.93%        |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.447  | 584255     | 4.381 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.989  | 590842     | 4.207 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.040  | 594890     | 4.231 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.315  | 605185     | 4.451 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.609  | 600125     | 4.315 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.394  | 560308     | 4.177 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.789 | 547765     | 4.180 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.866 | 567901     | 4.323 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.601 | 548634     | 4.277 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.897 | 547197     | 4.363 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.769 | 432908     | 3.905 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.811 | 548842     | 4.619 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.317 | 436160     | 4.096 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.348 | 497420     | 4.683 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.703 | 415783     | 4.260 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.066 | 342499     | 3.629 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.105 | 508745     | 5.022 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.315 | 428212     | 4.368 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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