

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112122AR\  
 Data File : FD044474.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Nov 2022 02:44  
 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 11/22/2022  
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e  
 Quant Time: Nov 22 05:46:42 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110322.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 21 12:00:35 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...      | 7.686  | 2675295    | 19.771 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.54%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.546  | 1816716    | 19.372 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.74%        |
| 11) S ortho-Terphenyl (SURR)       | 11.580 | 3340251    | 19.469 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.94%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.496  | 2938725    | 20.161 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.030  | 3112573    | 19.991 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.078  | 3125214    | 19.781 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.350  | 2847688    | 18.884 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.645  | 3021222    | 19.525 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.422  | 2986860    | 19.421 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.814 | 2921766    | 19.429 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.888 | 2748088    | 18.756 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.619 | 2941820    | 19.358 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.915 | 2881692    | 19.385 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.778 | 2672248    | 19.091 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.821 | 2783624    | 19.007 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.321 | 2743025    | 19.073 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.353 | 2711510    | 19.071 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.697 | 2651100    | 18.949 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.055 | 2591421    | 19.005 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.095 | 2642467    | 19.617 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.308 | 2622920    | 19.214 ug/mlm |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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