

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112524AR\  
 Data File : FD048818.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Nov 2024 19:23  
 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 11/26/2024  
 Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e  
 Quant Time: Nov 26 00:59:27 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 111424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 14 14:16:25 2024  
 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...      | 7.363  | 3613815    | 20.526 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.05%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.214  | 2384941    | 20.708 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.42%        |
| 11) S ortho-Terphenyl (SURR)       | 11.248 | 3959802    | 20.588 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.18%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.187  | 4001206    | 21.231 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.704  | 4067421    | 20.797 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.751  | 3978997    | 20.821 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.016  | 4000693    | 20.630 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.310  | 3985462    | 20.720 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.089  | 3951385    | 20.596 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.475 | 3763887    | 20.534 ug/mlm |
| 10) T Anthracene (C19.43)          | 10.551 | 3429822    | 18.315 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.280 | 3813565    | 20.825 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.572 | 3657699    | 20.231 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.444 | 3344549    | 20.331 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.484 | 3595724    | 20.545 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.990 | 3120366    | 19.860 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.021 | 3553173    | 21.772 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.367 | 2890344    | 19.386 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.730 | 2455433    | 19.877 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.769 | 3432449    | 21.889 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 17.980 | 2875939    | 20.156 ug/mlm |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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