

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102224AR\  
 Data File : FD048555.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Oct 2024 05:28  
 Operator : YP/AJ  
 Sample : P4460-03MS  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 WB-303-BOTMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024  
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e  
 Quant Time: Oct 23 07:10:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 14:17:34 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...      | 7.375  | 7933941    | 47.920 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 95.84%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.225  | 5063781    | 48.829 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 97.66%        |
| 11) S ortho-Terphenyl (SURR)       | 11.260 | 6142126    | 33.382 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 66.76%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.198  | 6421054    | 36.638 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.716  | 7710327    | 41.295 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.762  | 7476924    | 39.563 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.028  | 7602154    | 39.627 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.324  | 8174836    | 43.217 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.102  | 8088227    | 44.767 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.489 | 8298893    | 46.826 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.565 | 8378684    | 47.087 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.294 | 8634562    | 47.738 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.588 | 8939667    | 49.923 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.457 | 7986328    | 49.972 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.501 | 8083838    | 43.339 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.005 | 7807241    | 46.879 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.040 | 7804948    | 45.980 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.381 | 7535154    | 46.103 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.748 | 8092726    | 61.523 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.786 | 7635770    | 45.632 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.000 | 7369748    | 45.373 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

