

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061224AR\  
 Data File : FD047916.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Jun 2024 19:34  
 Operator : YP/AJ  
 Sample : PB161448BS  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB161448BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 06/13/2024

Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e  
 Quant Time: Jun 13 05:22:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 21 19:00:48 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...      | 7.429  | 7162415    | 51.017 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 102.03%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.281  | 4758922    | 51.386 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 102.77%       |
| 11) S ortho-Terphenyl (SURR)       | 11.320 | 6638691    | 41.521 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 83.04%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.245  | 6631180    | 41.986 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.768  | 7555409    | 46.288 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.817  | 7910564    | 48.007 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.085  | 8209474    | 50.228 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.381  | 8209144    | 50.276 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.159  | 8349578    | 53.076 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.548 | 8582844    | 55.658 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.624 | 8645819    | 57.511 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.355 | 9794659    | 64.543 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.650 | 8883596    | 58.927 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.520 | 8194652    | 59.778 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.563 | 8235175    | 55.900 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.067 | 8324016    | 59.144 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.103 | 8106968    | 59.532 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.444 | 7789842    | 56.278 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.810 | 7774762    | 67.442 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.847 | 7411908    | 55.584 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.063 | 7510815    | 56.478 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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