

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110824AR\  
 Data File : FD048674.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Nov 2024 16:55  
 Operator : YP/AJ  
 Sample : PB164790BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB164790BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/11/2024

Supervised By :Ankita Jodhani 11/11/2024

Integration File: sample.E  
 Quant Time: Nov 09 01:07:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:14:59 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...      | 7.369  | 6793337    | 44.758 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 89.52%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.219  | 3413584    | 34.764 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 69.53%        |
| 11) S ortho-Terphenyl (SURR)       | 11.255 | 6379432    | 37.451 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 74.90%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.191  | 3958170    | 22.752 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.708  | 4709623    | 26.394 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.755  | 4709799    | 26.332 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.021  | 5586729    | 31.817 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.316  | 5764691    | 32.502 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.094  | 5897494    | 34.889 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.482 | 6029876    | 36.477 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.558 | 6099948    | 38.146 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.287 | 6307650    | 38.326 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.580 | 6214680    | 38.582 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.450 | 5847438    | 39.992 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.492 | 5925473    | 36.023 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.998 | 5976532    | 39.312 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.031 | 5956234    | 39.628 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.373 | 5746993    | 38.187 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.739 | 5620185    | 43.074 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.777 | 5776617    | 35.497 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.991 | 5749712    | 37.557 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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