

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110723AR\  
 Data File : FD046841.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Nov 2023 18:46  
 Operator : YP/AJ  
 Sample : PB156949BSD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB156949BSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e

Quant Time: Nov 07 22:03:02 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102723.M

Quant Title : GC Extractables

QLast Update : Sat Oct 28 02:49:53 2023

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...      | 7.485  | 8515169    | 46.691 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 93.38%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.338  | 4845314    | 41.173 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 82.35%        |
| 11) S ortho-Terphenyl (SURR)       | 11.376 | 8723372    | 41.195 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 82.39%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.297  | 5473610    | 28.342 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.823  | 6503211    | 32.476 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.872  | 6848125    | 34.073 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.142  | 7412102    | 40.299 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.438  | 7393665    | 37.745 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.216  | 7632007    | 41.261 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.606 | 7706945    | 43.320 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.681 | 7596099    | 44.573 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.410 | 7983131    | 46.223 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.705 | 7976507    | 47.971 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.567 | 7098538    | 50.454 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.611 | 7116653    | 45.632 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.110 | 6900948    | 48.216 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.145 | 6794924    | 46.412 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.486 | 6401238    | 45.668 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.845 | 6403174    | 50.687 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.884 | 5948036    | 42.577 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.098 | 6104954    | 43.724 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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