

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110424AR\  
 Data File : FD048663.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Nov 2024 09:04  
 Operator : YP/AJ  
 Sample : PB164618BSD  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB164618BSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 06 01:26:23 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  | 6966463    | 45.899 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 91.80%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.219  | 4619930    | 47.050 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 94.10%        |
| 11) S ortho-Terphenyl (SURR)       | 11.254 | 7117157    | 41.782 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 83.56%        |
|                                    |        |            |               |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.191  | 4582573    | 26.341 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.709  | 5269478    | 29.532 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.755  | 5264169    | 29.431 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.021  | 6074486    | 34.594 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.317  | 6431815    | 36.263 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.095  | 6355350    | 37.597 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.482 | 6391018    | 38.662 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.557 | 6486939    | 40.566 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.286 | 6999864    | 42.532 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.578 | 6499653    | 40.351 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.449 | 6164224    | 42.158 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.491 | 6221092    | 37.820 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.996 | 6225451    | 40.949 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.030 | 6223184    | 41.404 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.371 | 6037781    | 40.119 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.739 | 6126712    | 46.956 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.776 | 5987680    | 36.794 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.990 | 6053203    | 39.540 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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