

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051923AR\  
 Data File : FD045695.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 May 2023 17:28  
 Operator : YP/AJ  
 Sample : PB152896BS  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB152896BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 05/20/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e

Quant Time: May 20 00:35:29 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 050523.M

Quant Title : GC Extractables

QLast Update : Fri May 05 18:09:33 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...      | 7.544  | 7794152    | 45.694 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 91.39%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.400  | 5239479    | 45.571 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 91.14%        |
| 11) S ortho-Terphenyl (SURR)       | 11.440 | 8212406    | 38.899 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 77.80%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.351  | 7138929    | 38.245 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.882  | 8083112    | 41.094 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.932  | 8014212    | 40.569 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.205  | 8661993    | 48.212 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.502  | 9131231    | 47.984 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.280  | 9105404    | 48.281 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.671 | 9358638    | 50.349 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.747 | 9433473    | 52.768 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.477 | 9344357    | 51.799 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.773 | 9327231    | 53.219 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.637 | 8638833    | 54.274 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.682 | 8566206    | 52.755 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.180 | 8375015    | 56.866 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.217 | 7986283    | 55.233 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.556 | 7323740    | 52.527 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.914 | 7148182    | 56.262 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.956 | 7449537    | 58.004 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.171 | 7434590    | 57.801 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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