

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011723AR\  
 Data File : FD044831.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 Jan 2023 16:12  
 Operator : YP/AJ  
 Sample : PB150295BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB150295BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 01/18/2023

Supervised By :Ankita Jodhani 01/18/2023

Integration File: autoint1.e

Quant Time: Jan 18 00:02:45 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122422.M

Quant Title : GC Extractables

QLast Update : Sun Dec 25 17:15:10 2022

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...      | 7.661  | 7548133    | 52.343 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 104.69%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.518  | 4911542    | 50.597 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 101.19%       |
| 11) S ortho-Terphenyl (SURR)       | 11.547 | 7753034    | 43.032 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 86.06%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.482  | 6129122    | 38.094 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.009  | 6603751    | 39.345 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.053  | 6677592    | 39.715 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.322  | 7082695    | 46.697 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.617  | 7223122    | 44.557 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.393  | 7342091    | 46.067 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.782 | 7408994    | 47.211 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.857 | 7315094    | 58.172 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.584 | 7441504    | 47.388 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.881 | 7476838    | 48.842 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.742 | 7097829    | 49.918 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.787 | 7967803    | 52.544 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.284 | 7044484    | 46.840 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.318 | 6572872    | 43.384 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.659 | 6177325    | 42.578 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.013 | 5213677    | 36.868 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.054 | 5243654    | 35.771 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.267 | 5113658    | 35.997 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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