

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122322AR\  
 Data File : FD044691.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Dec 2022 18:58  
 Operator : YP/AJ  
 Sample : PB149876BS  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB149876BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/27/2022

Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e

Quant Time: Dec 25 14:27:38 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112922.M

Quant Title : GC Extractables

QLast Update : Tue Nov 29 00:29:41 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...      | 7.683  | 6208174    | 47.836 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 95.67%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.540  | 3950896    | 44.735 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 89.47%        |
| 11) S ortho-Terphenyl (SURR)       | 11.569 | 6337753    | 38.943 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 77.89%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.503  | 4656232    | 32.628 ug/mlm |
| 2) T Naphthalene (C11.7)           | 6.031  | 4701599    | 31.270 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.076  | 4901733    | 32.443 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.344  | 4945454    | 35.575 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.639  | 5376440    | 36.635 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.415  | 5152731    | 35.736 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.804 | 5047940    | 35.399 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.878 | 5075366    | 36.531 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.605 | 5049938    | 35.424 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.902 | 5171671    | 37.161 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.762 | 4794184    | 37.052 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.805 | 4860079    | 36.050 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.302 | 4765104    | 36.204 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.336 | 4502093    | 34.573 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.678 | 4319686    | 33.424 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.033 | 4182453    | 32.817 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.073 | 3914667    | 31.113 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.287 | 4183609    | 32.527 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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