

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112923AR\  
 Data File : FD046978.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Nov 2023 18:00  
 Operator : YP/AJ  
 Sample : PB157457BSD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB157457BSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e

Quant Time: Nov 29 23:48:35 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112423.M

Quant Title : GC Extractables

QLast Update : Fri Nov 24 13:30:33 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...      | 7.477  | 7111553    | 41.106 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 82.21%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.330  | 4266925    | 39.239 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 78.48%        |
| 11) S ortho-Terphenyl (SURR)       | 11.368 | 7422628    | 37.300 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 74.60%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.289  | 4795906    | 25.776 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.815  | 5788251    | 30.396 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.864  | 6056801    | 31.452 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.133  | 6671830    | 38.327 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.429  | 6668313    | 35.957 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.207  | 6884280    | 39.883 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.596 | 6911386    | 42.095 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.671 | 6662285    | 43.082 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.400 | 6960541    | 43.916 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.694 | 6963926    | 45.515 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.558 | 6040253    | 46.584 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.602 | 6106711    | 42.605 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.101 | 6037101    | 45.198 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.136 | 5875652    | 43.006 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.476 | 5603597    | 42.772 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.836 | 5631347    | 47.195 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.875 | 5286395    | 40.684 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.089 | 5458167    | 41.716 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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