

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112122AR\  
 Data File : FD044461.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Nov 2022 11:30  
 Operator : YP/AJ  
 Sample : PB149204BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB149204BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022  
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e  
 Quant Time: Nov 22 05:44:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110322.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 21 12:00:35 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...      | 7.688  | 6213397    | 45.917 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 91.83%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.548  | 4262336    | 45.450 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 90.90%        |
| 11) S ortho-Terphenyl (SURR)       | 11.583 | 6310990    | 36.783 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 73.57%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.496  | 4723774    | 32.408 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.031  | 5444496    | 34.968 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.079  | 5470221    | 34.624 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.352  | 5642694    | 37.419 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.647  | 5793198    | 37.439 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.425  | 5892069    | 38.312 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.818 | 6044189    | 40.193 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.892 | 6104312    | 41.664 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.624 | 6243391    | 41.082 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.921 | 6228689    | 41.901 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.785 | 6069165    | 43.360 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.828 | 6535692    | 44.627 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.328 | 6115146    | 42.520 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.362 | 5639788    | 39.666 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.705 | 5337428    | 38.151 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.064 | 5705584    | 41.845 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.105 | 5415757    | 40.206 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.319 | 5532971    | 40.531 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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