

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102722AR\  
 Data File : FD044281.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Oct 2022 12:42  
 Operator : YP/AJ  
 Sample : PB148561BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB148561BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/28/2022  
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: autoint1.e  
 Quant Time: Oct 28 07:14:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101322.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 14 01:33:37 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...      | 7.409  | 5903040    | 47.545 ug/mlm |
| Spiked Amount 50.000               |        | Recovery = | 95.09%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.265  | 3753169    | 49.844 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 99.69%        |
| 11) S ortho-Terphenyl (SURR)       | 11.295 | 5901229    | 34.865 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 69.73%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.220  | 4510828    | 31.958 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.750  | 4921686    | 35.900 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.796  | 4892472    | 34.512 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.066  | 5004193    | 35.672 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 8.358  | 5584480    | 35.912 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.139  | 5241112    | 37.255 ug/mlm |
| 9) T Phenanthrene (C19.36)         | 10.531 | 5517613    | 40.971 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.606 | 5609994    | 41.750 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.336 | 5516808    | 41.309 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.631 | 5099822    | 40.375 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.501 | 4933937    | 46.451 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.543 | 5511167    | 42.042 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.049 | 4951035    | 44.116 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.080 | 5210364    | 40.953 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.427 | 4195275    | 36.104 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.794 | 4611772    | 43.259 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.827 | 4925347    | 39.812 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.046 | 4925749    | 41.958 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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