

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041824AR\  
 Data File : FD047538.D  
 Signal(s) : FID2B.ch  
 Acq On : 18 Apr 2024 22:02  
 Operator : YP/AJ  
 Sample : PB160354BSD  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB160354BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024  
 Supervised By :Ankita Jodhani 04/19/2024

Integration File: autoint1.e  
 Quant Time: Apr 19 04:35:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 16:48:10 2024  
 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...      | 7.463  | 7899368    | 52.838 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 105.68%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.315  | 4254745    | 43.546 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 87.09%        |
| 11) S ortho-Terphenyl (SURR)       | 11.354 | 7170555    | 41.829 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 83.66%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.277  | 4903305    | 31.031 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.801  | 5851777    | 35.760 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.849  | 6002716    | 36.495 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.119  | 6707315    | 44.437 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.414  | 6371652    | 39.782 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.194  | 6949820    | 44.924 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.583 | 7098758    | 47.713 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.658 | 6991816    | 51.408 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.388 | 7196488    | 48.681 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.684 | 7259315    | 50.300 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.551 | 6861173    | 52.171 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.595 | 6877567    | 48.773 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.097 | 6888023    | 49.372 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.133 | 6815979    | 49.005 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.474 | 6713299    | 48.894 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.839 | 6940243    | 51.451 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.876 | 6471935    | 48.155 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.092 | 6397887    | 46.097 ug/mlm |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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