

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040921AR\  
 Data File : FD036838.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Apr 2021 5:03  
 Operator : DD\AJ  
 Sample : M1967-02  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 SED-1AMS

Manual Integrations  
 APPROVED

mohammad  
 4/19/2021 8:38:49 AM

Integration File: autoint1.e  
 Quant Time: Apr 10 06:44:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 11:18:39 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.594  | 8762924    | 62.306 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 124.61%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.456  | 5436112    | 57.912 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 115.82%       |
| 11) S ortho-Terphenyl (SURR)       | 11.494 | 5752049    | 37.661 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 75.32%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.391  | 6517785    | 44.465 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.930  | 7416086    | 47.187 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.983  | 7512589    | 47.801 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.259  | 7918683    | 52.847 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.556  | 7854794    | 50.599 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.336  | 7939317    | 52.733 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.731 | 7914864    | 54.000 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.808 | 7769102    | 53.666 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.543 | 7842900    | 55.863 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.840 | 7624817    | 55.574 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.709 | 7034556    | 59.234 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.755 | 7681404    | 63.518 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.260 | 7405709    | 67.489 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.296 | 6963871    | 65.512 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.642 | 7297806    | 73.226 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.005 | 6914609    | 68.789 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.045 | 6842424    | 67.859 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.266 | 7152931    | 70.596 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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