

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120721AR\  
 Data File : FD039750.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 Dec 2021 14:01  
 Operator : AJ\MA  
 Sample : SOIL IDOC 02  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 08 00:22:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 24 04:30:20 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...      | 7.740  | 5927359    | 52.979 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 105.96%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.610  | 4024058    | 53.657 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 107.31%       |
| 11) S ortho-Terphenyl (SURR)       | 11.654 | 6584528    | 53.239 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 106.48%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.529  | 4543981    | 36.687 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.075  | 5243613    | 41.004 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.130  | 5292942    | 40.738 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.411  | 5492314    | 45.741 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.707  | 5855539    | 45.979 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.491  | 5717612    | 46.546 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.893 | 5881861    | 49.037 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.969 | 5803902    | 48.456 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.710 | 5922939    | 49.685 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.010 | 5785493    | 50.885 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.884 | 5433617    | 55.590 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.927 | 6081539    | 53.418 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.438 | 5459413    | 55.495 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.474 | 5516129    | 52.126 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.820 | 5332662    | 55.331 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.189 | 4906160    | 52.632 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.225 | 5376690    | 52.496 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.447 | 5265191    | 53.267 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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