

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101123\  
 Data File : PL085842.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2023 11:36  
 Operator : AR\AJ  
 Sample : 04699-03  
 Misc : PEST MDL 1PPB SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MDL-SOIL-03-QT4-2023

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/12/2023  
 Supervised By :Ankita Jodhani 10/12/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 21:45:04 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|---------|
| -----                       |                 |       |       |          |          |        |         |
| System Monitoring Compounds |                 |       |       |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.357 | 2.622 | 56999518 | 17296201 | 19.165 | 18.516  |
| 28)                         | SA Decachlor... | 8.858 | 7.774 | 54224870 | 23928696 | 24.896 | 25.925  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.810 | 3.120 | 4086405  | 1070367  | 0.952  | 0.851   |
| 3)                          | MA gamma-BHC... | 4.141 | 3.447 | 4049117  | 1330127  | 0.980  | 1.078   |
| 4)                          | MA Heptachlor   | 4.727 | 3.782 | 4706600  | 1136486  | 1.217m | 0.977m  |
| 5)                          | MB Aldrin       | 5.068 | 4.059 | 4108122  | 1140332  | 1.060  | 1.020m  |
| 6)                          | B beta-BHC      | 4.346 | 3.748 | 1979153  | 603748   | 1.197  | 1.160m  |
| 7)                          | B delta-BHC     | 4.586 | 3.974 | 4522257  | 991257   | 1.179m | 0.863 # |
| 8)                          | B Heptachlo...  | 5.496 | 4.565 | 3365721  | 1206990  | 0.976m | 1.202   |
| 9)                          | A Endosulfan I  | 5.881 | 4.931 | 3958046  | 1216662  | 1.224m | 1.134m  |
| 10)                         | B gamma-Chl...  | 5.755 | 4.815 | 4213099  | 1516152  | 1.231  | 1.531m  |
| 11)                         | B alpha-Chl...  | 5.834 | 4.879 | 4306698  | 1285830  | 1.260  | 1.179m  |
| 12)                         | B 4,4'-DDE      | 6.018 | 5.078 | 3738904  | 920282   | 1.337  | 1.121m  |
| 13)                         | MA Dieldrin     | 6.159 | 5.198 | 3690059  | 1115236  | 1.123  | 1.149   |
| 14)                         | MA Endrin       | 6.388 | 5.472 | 3703920  | 1035709  | 1.300  | 1.152   |
| 15)                         | B Endosulfa...  | 6.611 | 5.770 | 5639371  | 1140194  | 2.047  | 1.199 # |
| 16)                         | A 4,4'-DDD      | 6.538 | 5.634 | 2493590  | 754234   | 1.238  | 1.084m  |
| 17)                         | MA 4,4'-DDT     | 6.851 | 5.886 | 3011699  | 833373   | 1.278m | 1.054   |
| 18)                         | B Endrin al...  | 6.742 | 5.952 | 2659130  | 2015176  | 1.312  | 2.702 # |
| 19)                         | B Endosulfa...  | 6.978 | 6.176 | 3564796  | 1134140  | 1.420  | 1.257   |
| 20)                         | A Methoxychlor  | 7.338 | 6.471 | 3277848  | 647334   | 2.347m | 1.230 # |
| 21)                         | B Endrin ke...  | 7.459 | 6.678 | 2877734  | 1649943  | 0.999  | 1.435 # |
| 22)                         | Mirex           | 7.932 | 6.855 | 2821199  | 1406548  | 1.274  | 1.491   |
| -----                       |                 |       |       |          |          |        |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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