

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012425\  
 Data File : PL093799.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jan 2025 16:46  
 Operator : AR\AJ  
 Sample : Q1168-02  
 Misc : PEST LOQ 5PPB  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/27/2025  
 Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 24 22:58:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.538 | 2.776 | 47506377 | 54402089 | 17.642 | 16.667 |
| 28)                         | SA Decachlor... | 9.053 | 7.911 | 41135737 | 64716395 | 19.664 | 18.469 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.994 | 3.277 | 17611249 | 18423143 | 4.594  | 3.768  |
| 3)                          | MA gamma-BHC... | 4.326 | 3.607 | 17653425 | 18208603 | 4.793  | 3.840  |
| 4)                          | MA Heptachlor   | 4.914 | 3.945 | 16198246 | 19082012 | 4.942  | 4.099  |
| 5)                          | MB Aldrin       | 5.255 | 4.225 | 16136335 | 18098713 | 4.932  | 3.967  |
| 6)                          | B beta-BHC      | 4.525 | 3.907 | 8161816  | 8891320  | 5.078  | 4.451  |
| 7)                          | B delta-BHC     | 4.770 | 4.135 | 17577586 | 18365750 | 5.015m | 3.865  |
| 8)                          | B Heptachlo...  | 5.682 | 4.727 | 15126278 | 18221370 | 5.086  | 4.359  |
| 9)                          | A Endosulfan I  | 6.068 | 5.097 | 13474652 | 17104234 | 5.099  | 4.412  |
| 10)                         | B gamma-Chl...  | 5.937 | 4.976 | 14156291 | 18514408 | 5.079m | 4.369m |
| 11)                         | B alpha-Chl...  | 6.017 | 5.040 | 14387316 | 18974124 | 5.160  | 4.532  |
| 12)                         | B 4,4'-DDE      | 6.191 | 5.229 | 13030742 | 17837021 | 5.352  | 4.449  |
| 13)                         | MA Dieldrin     | 6.343 | 5.361 | 13828393 | 17787547 | 4.982  | 4.141  |
| 14)                         | MA Endrin       | 6.571 | 5.635 | 10740901 | 14629359 | 4.581m | 3.962m |
| 15)                         | B Endosulfa...  | 6.791 | 5.931 | 12446766 | 16526403 | 5.166m | 4.462  |
| 16)                         | A 4,4'-DDD      | 6.707 | 5.785 | 10810871 | 14961140 | 5.688m | 4.740  |
| 17)                         | MA 4,4'-DDT     | 7.022 | 6.035 | 9693814  | 12742212 | 4.916  | 3.916  |
| 18)                         | B Endrin al...  | 6.923 | 6.111 | 10740885 | 14062958 | 5.525  | 4.619  |
| 19)                         | B Endosulfa...  | 7.157 | 6.334 | 12412123 | 15816819 | 5.483  | 4.435  |
| 20)                         | A Methoxychlor  | 7.498 | 6.610 | 5391970  | 8156332  | 5.168  | 4.561  |
| 21)                         | B Endrin ke...  | 7.641 | 6.838 | 14361036 | 19331155 | 5.693m | 4.608  |
| 22)                         | Mirex           | 8.115 | 7.019 | 11051239 | 16430345 | 5.307  | 4.858  |
| -----                       |                 |       |       |          |          |        |        |

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

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