

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100923\  
 Data File : PL085802.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2023 22:21  
 Operator : AR\AJ  
 Sample : 04699-02  
 Misc : PEST LOQ 5PPB  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2023

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/10/2023  
 Supervised By :Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:27:58 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 | 51936146 | 15966835 | 17.462 | 17.093  |
| 28)                         | SA Decachlor... | 8.860 | 7.776 | 48468980 | 19338536 | 22.253 | 20.952  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.811 | 3.121 | 17867064 | 4625591  | 4.163  | 3.677   |
| 3)                          | MA gamma-BHC... | 4.143 | 3.448 | 16904941 | 4858479  | 4.090  | 3.939   |
| 4)                          | MA Heptachlor   | 4.729 | 3.785 | 18605178 | 5230167  | 4.811m | 4.497   |
| 5)                          | MB Aldrin       | 5.070 | 4.062 | 17117396 | 4469265  | 4.416  | 3.997   |
| 6)                          | B beta-BHC      | 4.346 | 3.750 | 8724277  | 2549147  | 5.276  | 4.897   |
| 7)                          | B delta-BHC     | 4.588 | 3.976 | 16721621 | 4292141  | 4.361m | 3.736   |
| 8)                          | B Heptachlo...  | 5.499 | 4.567 | 17715785 | 4479046  | 5.135m | 4.459   |
| 9)                          | A Endosulfan I  | 5.883 | 4.934 | 15814363 | 4768313  | 4.890m | 4.445   |
| 10)                         | B gamma-Chl...  | 5.757 | 4.817 | 16583787 | 4804622  | 4.847m | 4.851m  |
| 11)                         | B alpha-Chl...  | 5.836 | 4.881 | 16655350 | 4475474  | 4.873m | 4.103m  |
| 12)                         | B 4,4'-DDE      | 6.020 | 5.081 | 14485452 | 3533085  | 5.180  | 4.303   |
| 13)                         | MA Dieldrin     | 6.162 | 5.201 | 15189072 | 4037757  | 4.622  | 4.162   |
| 14)                         | MA Endrin       | 6.390 | 5.474 | 13450141 | 3718652  | 4.720  | 4.136   |
| 15)                         | B Endosulfa...  | 6.612 | 5.771 | 14363956 | 4068661  | 5.213  | 4.279   |
| 16)                         | A 4,4'-DDD      | 6.539 | 5.638 | 11283142 | 3392250  | 5.601  | 4.874   |
| 17)                         | MA 4,4'-DDT     | 6.853 | 5.888 | 12016831 | 3347681  | 5.098m | 4.234   |
| 18)                         | B Endrin al...  | 6.744 | 5.954 | 10749564 | 4011529  | 5.304  | 5.379   |
| 19)                         | B Endosulfa...  | 6.979 | 6.178 | 13723187 | 4398425  | 5.468  | 4.876   |
| 20)                         | A Methoxychlor  | 7.340 | 6.473 | 8890183  | 2316156  | 6.366m | 4.403 # |
| 21)                         | B Endrin ke...  | 7.461 | 6.680 | 13635327 | 5649404  | 4.734  | 4.915   |
| 22)                         | Mirex           | 7.935 | 6.857 | 12156017 | 5016593  | 5.491  | 5.319   |
| -----                       |                 |       |       |          |          |        |         |

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

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