

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102020\  
 Data File : PD059838.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2020 10:18  
 Operator : DD\AJ  
 Sample : L4214-02  
 Misc : PEST LOQ 5 PPB  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2020

Manual Integrations  
 APPROVED

Ankita  
 10/21/2020 2:03:16 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 07:34:08 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 07:13:18 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.508 | 4.024 | 30554217 | 51465253 | 20.577 | 20.968 |
| 28)                         | SA Decachlor... | 8.307 | 9.107 | 34968183 | 41736108 | 22.617 | 23.047 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.949 | 4.415 | 12031735 | 19722561 | 4.978  | 5.148  |
| 3)                          | MA gamma-BHC... | 4.235 | 4.700 | 11973661 | 17523598 | 5.256  | 4.994  |
| 4)                          | MA Heptachlor   | 4.543 | 5.212 | 12300513 | 19433285 | 5.184  | 5.699  |
| 5)                          | MB Aldrin       | 4.795 | 5.517 | 11542360 | 16527625 | 5.173  | 5.261m |
| 6)                          | B beta-BHC      | 4.486 | 4.868 | 5507570  | 8204960  | 5.858  | 5.602  |
| 7)                          | B delta-BHC     | 4.694 | 5.086 | 11083683 | 15250290 | 5.017  | 5.341m |
| 8)                          | B Heptachlo...  | 5.241 | 5.905 | 11240676 | 16274368 | 5.479  | 5.929  |
| 9)                          | A Endosulfan I  | 5.584 | 6.263 | 10345572 | 14673053 | 5.462  | 5.496  |
| 10)                         | B gamma-Chl...  | 5.471 | 6.139 | 12214271 | 15588328 | 5.921  | 5.333  |
| 11)                         | B alpha-Chl...  | 5.529 | 6.213 | 11445503 | 15984699 | 5.592  | 5.499  |
| 12)                         | B 4,4'-DDE      | 5.694 | 6.367 | 10688745 | 14464131 | 5.274  | 5.274  |
| 13)                         | MA Dieldrin     | 5.829 | 6.520 | 10848821 | 15610372 | 5.280  | 5.438  |
| 14)                         | MA Endrin       | 6.089 | 6.739 | 9980040  | 13279643 | 5.430  | 5.367  |
| 15)                         | B Endosulfa...  | 6.363 | 6.946 | 10126833 | 14914461 | 5.357  | 5.748  |
| 16)                         | A 4,4'-DDD      | 6.214 | 6.857 | 9067387  | 13330553 | 5.428  | 5.760  |
| 17)                         | MA 4,4'-DDT     | 6.457 | 7.157 | 9252703  | 12473855 | 5.156  | 5.266  |
| 18)                         | B Endrin al...  | 6.532 | 7.070 | 8432115  | 12329186 | 5.804  | 5.964  |
| 19)                         | B Endosulfa...  | 6.746 | 7.293 | 9337704  | 13174381 | 5.776  | 5.728  |
| 20)                         | A Methoxychlor  | 7.006 | 7.614 | 5105809  | 7241722  | 5.390  | 5.689  |
| 21)                         | B Endrin ke...  | 7.241 | 7.766 | 10738263 | 14677624 | 5.727  | 5.907  |
| 22)                         | Mirex           | 7.436 | 8.223 | 9558279  | 10514585 | 6.672  | 6.434  |
| -----                       |                 |       |       |          |          |        |        |

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

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