

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110219\  
 Data File : PD055788.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Nov 2019 10:44  
 Operator : SG\AJ  
 Sample : K5111-03  
 Misc : PEST MDL 1 PPB  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT4-2019

Manual Integrations  
 APPROVED

Ankita  
 11/1/2019 2:58:23 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 11:55:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 31 06:48:28 2019  
 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... | 3.289 | 3.962 | 18742025 | 27300146 | 21.985 | 22.668  |
| 28)                         | SA Decachlor... | 7.964 | 8.999 | 21141176 | 31381251 | 22.347 | 22.551  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.717 | 4.348 | 1080834  | 1834316  | 0.851  | 1.041   |
| 3)                          | MA gamma-BHC... | 3.990 | 4.631 | 1252788  | 1674354  | 1.046m | 0.975   |
| 4)                          | MA Heptachlor   | 4.278 | 5.137 | 941656   | 1831624  | 0.884  | 1.057   |
| 5)                          | MB Aldrin       | 4.516 | 5.441 | 1001577  | 1858423  | 0.915  | 1.110   |
| 6)                          | B beta-BHC      | 4.240 | 4.800 | 533835   | 797090   | 1.059m | 1.003   |
| 7)                          | B delta-BHC     | 4.437 | 5.014 | 1018371  | 905281   | 0.884  | 0.565m# |
| 8)                          | B Heptachlor... | 4.953 | 5.823 | 1034862  | 1730266  | 1.006  | 1.071   |
| 9)                          | A Endosulfan I  | 5.284 | 6.180 | 932167   | 2096320  | 0.956  | 1.335 # |
| 10)                         | B gamma-Chl...  | 5.175 | 6.057 | 1169273  | 1840014  | 1.096  | 1.067m  |
| 11)                         | B alpha-Chl...  | 5.233 | 6.129 | 1097656  | 1868661  | 1.040  | 1.088m  |
| 12)                         | B 4,4'-DDE      | 5.401 | 6.287 | 878281   | 1525289  | 0.892  | 0.954   |
| 13)                         | MA Dieldrin     | 5.524 | 6.434 | 1013380  | 1836463  | 0.955  | 1.087m  |
| 14)                         | MA Endrin       | 5.776 | 6.653 | 886172   | 1423722  | 0.924m | 0.987   |
| 15)                         | B Endosulfa...  | 6.051 | 6.860 | 966446   | 1804453  | 0.997  | 1.162m  |
| 16)                         | A 4,4'-DDD      | 5.912 | 6.775 | 727420   | 1557961  | 0.905  | 1.140 # |
| 17)                         | MA 4,4'-DDT     | 6.148 | 7.074 | 338752   | 1276339  | 0.473m | 0.956 # |
| 18)                         | B Endrin al...  | 6.220 | 6.983 | 1113896  | 1543251  | 1.333  | 1.151m  |
| 19)                         | B Endosulfa...  | 6.428 | 7.207 | 1033620  | 1697894  | 1.154m | 1.167   |
| 20)                         | A Methoxychlor  | 6.695 | 7.529 | 327292   | 923453   | 0.835m | 1.154 # |
| 21)                         | B Endrin ke...  | 6.912 | 7.676 | 901076   | 1880615  | 0.861m | 1.134 # |
| 22)                         | Mirex           | 7.089 | 8.129 | 1389283  | 1550552  | 1.685  | 1.281   |
| -----                       |                 |       |       |          |          |        |         |

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

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