

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011120\  
 Data File : PL055664.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jan 2020 13:00  
 Operator : AJ\MA  
 Sample : L1064-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL-AMS

Manual Integrations  
 APPROVED

mohammad  
 1/13/2020 8:56:18 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 21:58:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 10 00:58:33 2020  
 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... | 3.490 | 3.967 | 226.9E6 | 65869328 | 24.559 | 24.865  |
| 28)                         | SA Decachlor... | 8.234 | 8.956 | 214.6E6 | 48597327 | 24.434 | 23.375  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.928 | 4.351 | 916.2E6 | 229.2E6  | 57.964 | 57.805  |
| 3)                          | MA gamma-BHC... | 4.211 | 4.631 | 873.1E6 | 212.3E6  | 59.104 | 57.092  |
| 4)                          | MA Heptachlor   | 4.512 | 5.131 | 850.8E6 | 180.4E6  | 59.474 | 56.845  |
| 5)                          | MB Aldrin       | 4.761 | 5.431 | 868.1E6 | 185.0E6  | 61.877 | 59.319  |
| 6)                          | B beta-BHC      | 4.460 | 4.797 | 374.2E6 | 94190050 | 61.230 | 61.694m |
| 7)                          | B delta-BHC     | 4.665 | 5.012 | 799.8E6 | 180.6E6  | 55.956 | 58.849  |
| 8)                          | B Heptachlo...  | 5.202 | 5.811 | 797.3E6 | 167.3E6  | 60.064 | 56.935  |
| 9)                          | A Endosulfan I  | 5.541 | 6.164 | 746.2E6 | 152.2E6  | 60.397 | 57.474  |
| 10)                         | B gamma-Chl...  | 5.428 | 6.042 | 823.3E6 | 163.5E6  | 61.496 | 58.086  |
| 11)                         | B alpha-Chl...  | 5.487 | 6.114 | 789.5E6 | 161.1E6  | 60.132 | 57.300  |
| 12)                         | B 4,4'-DDE      | 5.649 | 6.268 | 765.4E6 | 156.2E6  | 61.555 | 58.796  |
| 13)                         | MA Dieldrin     | 5.783 | 6.418 | 815.1E6 | 162.2E6  | 62.178 | 59.323  |
| 14)                         | MA Endrin       | 6.040 | 6.634 | 718.4E6 | 132.2E6  | 62.209 | 58.636  |
| 15)                         | B Endosulfa...  | 6.312 | 6.841 | 655.4E6 | 135.4E6  | 60.753 | 56.361  |
| 16)                         | A 4,4'-DDD      | 6.164 | 6.754 | 588.4E6 | 122.7E6  | 62.089 | 59.237  |
| 17)                         | MA 4,4'-DDT     | 6.403 | 7.049 | 552.5E6 | 115.6E6  | 64.339 | 58.627  |
| 18)                         | B Endrin al...  | 6.480 | 6.964 | 564.2E6 | 115.8E6  | 59.770 | 57.015  |
| 19)                         | B Endosulfa...  | 6.693 | 7.185 | 631.6E6 | 131.7E6  | 64.567 | 59.184  |
| 20)                         | A Methoxychlor  | 6.947 | 7.503 | 273.8E6 | 60460473 | 63.780 | 57.755  |
| 21)                         | B Endrin ke...  | 7.183 | 7.651 | 692.5E6 | 141.6E6  | 61.094 | 59.455  |
| 22)                         | Mirex           | 7.373 | 8.101 | 438.4E6 | 95035079 | 64.025 | 57.964  |
| -----                       |                 |       |       |         |          |        |         |

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

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