

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022120\  
 Data File : PL056751.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2020 20:11  
 Operator : AJ\MA  
 Sample : L1604-06MS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HAM-SB-010203-5-52MS

Manual Integrations  
 APPROVED

mohammad  
 2/25/2020 11:00:45 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 21 22:29:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021920.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 20 02:32:45 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... | 3.498 | 4.019 | 191.7E6 | 60440232 | 22.170  | 24.263 |
| 28)                         | SA Decachlor... | 8.250 | 9.090 | 179.8E6 | 38125607 | 15.118  | 18.144 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.936 | 4.408 | 790.5E6 | 208.4E6  | 50.083  | 55.390 |
| 3)                          | MA gamma-BHC... | 4.220 | 4.693 | 722.5E6 | 188.1E6  | 48.433  | 54.632 |
| 4)                          | MA Heptachlor   | 4.521 | 5.200 | 721.2E6 | 165.4E6  | 48.907  | 56.527 |
| 5)                          | MB Aldrin       | 4.770 | 5.505 | 719.5E6 | 165.4E6  | 48.196  | 52.841 |
| 6)                          | B beta-BHC      | 4.470 | 4.865 | 292.8E6 | 80841462 | 50.529  | 61.835 |
| 7)                          | B delta-BHC     | 4.676 | 5.083 | 703.7E6 | 152.3E6  | 48.823  | 50.018 |
| 8)                          | B Heptachlo...  | 5.213 | 5.892 | 673.6E6 | 145.8E6  | 47.615  | 49.877 |
| 9)                          | A Endosulfan I  | 5.553 | 6.249 | 635.5E6 | 141.9E6  | 47.535  | 52.534 |
| 10)                         | B gamma-Chl...  | 5.440 | 6.127 | 693.7E6 | 148.6E6  | 47.759  | 51.819 |
| 11)                         | B alpha-Chl...  | 5.498 | 6.199 | 669.4E6 | 148.4E6  | 46.354  | 52.168 |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.358 | 688.4E6 | 145.5E6  | 48.940  | 52.837 |
| 13)                         | MA Dieldrin     | 5.796 | 6.507 | 704.1E6 | 150.9E6  | 47.237  | 52.795 |
| 14)                         | MA Endrin       | 6.053 | 6.725 | 663.4E6 | 127.9E6  | 49.149  | 51.936 |
| 15)                         | B Endosulfa...  | 6.325 | 6.935 | 572.0E6 | 126.7E6  | 46.056m | 49.061 |
| 16)                         | A 4,4'-DDD      | 6.176 | 6.849 | 506.7E6 | 123.7E6  | 45.304m | 53.716 |
| 17)                         | MA 4,4'-DDT     | 6.418 | 7.147 | 553.2E6 | 109.8E6  | 50.798  | 52.786 |
| 18)                         | B Endrin al...  | 6.494 | 7.060 | 502.9E6 | 109.0E6  | 46.461  | 51.951 |
| 19)                         | B Endosulfa...  | 6.707 | 7.283 | 574.0E6 | 124.8E6  | 48.410  | 52.511 |
| 20)                         | A Methoxychlor  | 6.962 | 7.606 | 260.7E6 | 60084712 | 49.161  | 54.291 |
| 21)                         | B Endrin ke...  | 7.199 | 7.754 | 626.2E6 | 134.5E6  | 46.973  | 53.261 |
| 22)                         | Mirex           | 7.388 | 8.207 | 442.5E6 | 92292553 | 52.730  | 54.938 |
| -----                       |                 |       |       |         |          |         |        |

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

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