

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012424\  
 Data File : PD080859.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jan 2024 22:12  
 Operator : AR\AJ  
 Sample : P1187-01  
 Misc : PEST LOD 2.5PPB  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2024

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/25/2024  
 Supervised By :Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 25 00:59:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 24 20:16:38 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.565 | 2.796 | 31498362 | 53751887 | 22.189 | 22.470 |
| 28)                         | SA Decachlor... | 9.110 | 7.933 | 47476262 | 62851850 | 23.591 | 23.596 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.020 | 3.297 | 5409809  | 8906499  | 2.178m | 2.321  |
| 3)                          | MA gamma-BHC... | 4.355 | 3.625 | 5706254  | 8443615  | 2.331  | 2.258m |
| 4)                          | MA Heptachlor   | 4.948 | 3.966 | 6545986  | 8647710  | 2.654  | 2.508m |
| 5)                          | MB Aldrin       | 5.291 | 4.248 | 6008587  | 8472568  | 2.448  | 2.326  |
| 6)                          | B beta-BHC      | 4.549 | 3.922 | 2748935  | 4101910  | 2.717  | 2.625  |
| 7)                          | B delta-BHC     | 4.798 | 4.153 | 5796607  | 8252857  | 2.311  | 2.199  |
| 8)                          | B Heptachlo...  | 5.718 | 4.748 | 6044218  | 8424100  | 2.699  | 2.515m |
| 9)                          | A Endosulfan I  | 6.104 | 5.120 | 5673378  | 8150616  | 2.735  | 2.661  |
| 10)                         | B gamma-Chl...  | 5.974 | 4.999 | 5910565  | 8645297  | 2.700  | 2.643  |
| 11)                         | B alpha-Chl...  | 6.053 | 5.064 | 5883621  | 8681660  | 2.702  | 2.655  |
| 12)                         | B 4,4'-DDE      | 6.224 | 5.252 | 5245101  | 7391273  | 2.578  | 2.413  |
| 13)                         | MA Dieldrin     | 6.380 | 5.383 | 5864283  | 8279022  | 2.654  | 2.434  |
| 14)                         | MA Endrin       | 6.610 | 5.659 | 4955195  | 7533964  | 2.653  | 2.542  |
| 15)                         | B Endosulfa...  | 6.828 | 5.951 | 5822399  | 7621630  | 3.007  | 2.650  |
| 16)                         | A 4,4'-DDD      | 6.741 | 5.806 | 4292642  | 6518553  | 2.612  | 2.483  |
| 17)                         | MA 4,4'-DDT     | 7.056 | 6.057 | 4479241  | 5959551  | 2.515  | 2.246  |
| 18)                         | B Endrin al...  | 6.957 | 6.131 | 4335550  | 6127195  | 2.850  | 2.718  |
| 19)                         | B Endosulfa...  | 7.192 | 6.353 | 5452139  | 7553394  | 2.871  | 2.708  |
| 20)                         | A Methoxychlor  | 7.531 | 6.631 | 2906016  | 4156835  | 2.823  | 2.656  |
| 21)                         | B Endrin ke...  | 7.678 | 6.859 | 5860299  | 8340080  | 2.802  | 2.584  |
| 22)                         | Mirex           | 8.155 | 7.042 | 5430744  | 7368585  | 3.293  | 2.924  |
| -----                       |                 |       |       |          |          |        |        |

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

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