

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080224\  
 Data File : PD084186.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2024 11:00  
 Operator : AR\AJ  
 Sample : P3390-07  
 Misc : PEST LOD 1PPB/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024  
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 23:49:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 16 04:22:06 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... | 3.581  | 2.771 | 18686084 | 107.5E6 | 18.275  | 18.689  |
| 28)                         | SA Decachlor... | 9.134  | 7.894 | 40678720 | 129.5E6 | 17.819m | 20.159  |
| Target Compounds            |                 |        |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 4.037f | 3.270 | 1618200  | 8700480 | 0.824m  | 0.981   |
| 3)                          | MA gamma-BHC... | 4.371f | 3.598 | 1721970  | 8713550 | 0.891m  | 1.090   |
| 4)                          | MA Heptachlor   | 4.963f | 3.936 | 1853430  | 8402116 | 0.932m  | 1.034   |
| 5)                          | MB Aldrin       | 5.307f | 4.215 | 2057060  | 8166344 | 1.011   | 1.017   |
| 6)                          | B beta-BHC      | 4.569f | 3.894 | 780536   | 3488073 | 0.984m  | 0.991m  |
| 7)                          | B delta-BHC     | 4.816f | 4.123 | 3261308  | 8547511 | 1.794m  | 1.027m# |
| 8)                          | B Heptachlo...  | 5.734f | 4.716 | 2222506  | 8836920 | 1.247m  | 1.230   |
| 9)                          | A Endosulfan I  | 6.124f | 5.083 | 2093710  | 7411421 | 1.083   | 1.075m  |
| 10)                         | B gamma-Chl...  | 5.992f | 4.965 | 2044997  | 8621699 | 1.023m  | 1.137   |
| 11)                         | B alpha-Chl...  | 6.071f | 5.029 | 1911036  | 8559606 | 0.958m  | 1.146   |
| 12)                         | B 4,4'-DDE      | 6.244f | 5.215 | 2037150  | 7885197 | 1.022   | 1.107m  |
| 13)                         | MA Dieldrin     | 6.399f | 5.347 | 2029500  | 8559700 | 0.984   | 1.140m  |
| 14)                         | MA Endrin       | 6.629f | 5.624 | 1582873  | 7184037 | 0.887m  | 1.086   |
| 15)                         | B Endosulfa...  | 6.848f | 5.918 | 1841397  | 7330465 | 0.964m  | 1.147   |
| 16)                         | A 4,4'-DDD      | 6.762f | 5.770 | 1566235  | 6483173 | 1.034m  | 1.171   |
| 17)                         | MA 4,4'-DDT     | 7.078f | 6.020 | 1224460  | 4832448 | 0.713   | 0.842   |
| 18)                         | B Endrin al...  | 6.980f | 6.097 | 1660210  | 5977079 | 1.130m  | 1.191   |
| 19)                         | B Endosulfa...  | 7.215f | 6.320 | 1693532  | 7221726 | 0.932m  | 1.180 # |
| 20)                         | A Methoxychlor  | 7.555f | 6.595 | 732579   | 2663033 | 0.743   | 0.903   |
| 21)                         | B Endrin ke...  | 7.702f | 6.825 | 1993975  | 7961637 | 0.965   | 1.176   |
| 22)                         | Mirex           | 8.178f | 7.005 | 1811319  | 6687114 | 1.112m  | 1.234   |
| -----                       |                 |        |       |          |         |         |         |

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

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