

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020223\  
 Data File : PL080704.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2023 16:09  
 Operator : AR\AJ  
 Sample : 01404-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 NPHACK-SOIL-0201MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/03/2023  
 Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 02 21:21:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 2023  
 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...          | 3.350 | 2.689 | 26918583 | 28686637 | 12.550m | 13.060   |
| 28) SA Decachlor...         | 8.788 | 7.835 | 21304426 | 21240403 | 12.169  | 8.915 #  |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.799 | 3.189 | 137.8E6  | 135.6E6  | 43.510  | 42.631   |
| 3) MA gamma-BHC...          | 4.128 | 3.518 | 127.2E6  | 126.9E6  | 43.279  | 42.467   |
| 4) MA Heptachlor            | 4.711 | 3.858 | 120.3E6  | 130.9E6  | 40.706m | 41.118   |
| 5) MB Aldrin                | 5.050 | 4.138 | 120.9E6  | 124.5E6  | 44.195  | 42.213   |
| 6) B beta-BHC               | 4.324 | 3.812 | 53856518 | 53516016 | 39.455  | 40.098m  |
| 7) B delta-BHC              | 4.567 | 4.043 | 128.0E6  | 124.4E6  | 44.227  | 43.134   |
| 8) B Heptachlo...           | 5.475 | 4.640 | 107.4E6  | 111.5E6  | 41.527  | 40.079   |
| 9) A Endosulfan I           | 5.857 | 5.010 | 96992202 | 91160867 | 41.073  | 35.044   |
| 10) B gamma-Chl...          | 5.729 | 4.891 | 116.7E6  | 115.4E6  | 46.192  | 40.731   |
| 11) B alpha-Chl...          | 5.809 | 4.955 | 114.1E6  | 113.7E6  | 45.201  | 39.679   |
| 12) B 4,4'-DDE              | 5.987 | 5.148 | 94134423 | 114.2E6  | 42.263  | 48.417   |
| 13) MA Dieldrin             | 6.131 | 5.273 | 100.3E6  | 116.5E6  | 41.925  | 43.064m  |
| 14) MA Endrin               | 6.358 | 5.549 | 85827132 | 99802835 | 39.685  | 42.997   |
| 15) B Endosulfa...          | 6.577 | 5.843 | 80566647 | 91900833 | 35.146  | 44.104 # |
| 16) A 4,4'-DDD              | 6.501 | 5.701 | 75075921 | 77244791 | 40.981  | 41.105   |
| 17) MA 4,4'-DDT             | 6.814 | 5.951 | 87958144 | 93624639 | 42.335  | 44.552m  |
| 18) B Endrin al...          | 6.706 | 6.023 | 69493659 | 71395913 | 41.778  | 39.097   |
| 19) B Endosulfa...          | 6.940 | 6.246 | 81026918 | 86020354 | 39.145  | 36.987   |
| 20) A Methoxychlor          | 7.292 | 6.531 | 41363820 | 48241975 | 37.491  | 39.756   |
| 21) B Endrin ke...          | 7.421 | 6.750 | 79954526 | 91503934 | 36.238  | 35.839   |
| 22) Mirex                   | 7.893 | 6.934 | 68973686 | 80061904 | 40.106  | 35.165   |
| -----                       |       |       |          |          |         |          |

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

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