Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl032423\
Data File : PL081706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2023 14:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 21:23:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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... | 3.329 | 2.658 | 41652487 | 34955290 | 17.908 | 17.511 |
| 28) SA | Decachlor... | 8.750 | 7.776 | 30922727 | 35849870 | 17.279 | 18.076 |
| | Target Compounds | | | | | | |
| 2) A | alpha-BHC | 3.778 | 3.157 | 28728443 | 23604728 | 8.380 | 8.098 |
| 3) MA | gamma-BHC... | 4.106 | 3.485 | 27000234 | 22298662 | 8.499 | 8.009 |
| 6) B | beta-BHC | 4.307 | 3.784 | 14812364 | 10872913 | 9.842m | 9.129 |
| 12) B | 4,4'-DDE | 5.960 | 5.100 | 492555 | 432115 | 0.219 | 0.219m |
| 14) MA | Endrin | 6.331 | 5.504 | 80978634 | 78374111 | 38.284 | 38.728 |
| 16) A | 4,4'-DDD | 6.474 | 5.655 | 6517064 | 5145342 | 3.614 | 3.391 |
| 17) MA | 4,4'-DDT | 6.786 | 5.903 | 159.2E6 | 151.2E6 | 78.461 | 87.750 |
| 18) B | Endrin al... | 6.683 | 5.981 | 3182362 | 3950612 | 1.945 | 2.544 # |
| 20) A | Methoxychlor | 7.267 | 6.483 | 209.5E6 | 208.4E6 | 194.515 | 209.186 |
| 21) B | Endrin ke... | 7.394 | 6.707 | 6389171 | 8046294 | 3.050m | 3.765 |

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

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