Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072324\
Data File : PL090619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2024 11:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 07/25/2024
Supervised By :Ankita Jodhani 07/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 02:06:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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... | 3.546 | 2.790 | 45012569 | 35746217 | 21.618m | 21.240 |
| 28) | SA Decachlor... | 9.064 | 7.935 | 32075953 | 33152041 | 24.138 | 22.737 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 4.002 | 3.292 | 33653024 | 23594750 | 11.341 | 9.766m |
| 3) | MA gamma-BHC... | 4.335 | 3.622 | 31734158 | 23057865 | 11.332 | 9.999m |
| 6) | B beta-BHC | 4.531 | 3.922 | 15494670 | 11872645 | 12.215 | 11.502 |
| 12) | B 4,4'-DDE | 6.200 | 5.251 | 742583 | 543692 | 0.367m | 0.304m |
| 14) | MA Endrin | 6.583 | 5.658 | 86635975 | 81415731 | 47.125 | 47.304 |
| 16) | A 4,4'-DDD | 6.717 | 5.806 | 6898266 | 5104620 | 4.086 | 3.407 |
| 17) | MA 4,4'-DDT | 7.031 | 6.057 | 159.5E6 | 163.2E6 | 94.768 | 111.406 |
| 18) | B Endrin al... | 6.929 | 6.132 | 3571210 | 3573053 | 2.407m | 2.735 |
| 20) | A Methoxychlor | 7.505 | 6.631 | 203.7E6 | 201.9E6 | 230.765m | 249.729m |
| 21) | B Endrin ke... | 7.650 | 6.860 | 8304020 | 7360013 | 4.350 | 4.027 |

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

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