Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011325\
Data File : PL093636.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jan 2025 09:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 13 10:58:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 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 x0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.539 | 2.775 | 57597698 | 64553404 | 23.265 | 22.174 |
| 28) | SA Decachlor... | 9.056 | 7.913 | 44417640 | 66837525 | 24.022 | 22.384 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.995 | 3.277 | 42113446 | 45812043 | 12.198 | 10.539 |
| 3) | MA gamma-BHC... | 4.327 | 3.608 | 39888355 | 43429869 | 12.163 | 10.293 |
| 6) | B beta-BHC | 4.526 | 3.908 | 18355960 | 21094474 | 12.733 | 11.736 |
| 12) | B 4,4'-DDE | 6.193 | 5.231 | 517912 | 622046 | 0.231m | 0.169m# |
| 14) | MA Endrin | 6.574 | 5.638 | 105.8E6 | 169.3E6 | 49.172m | 51.169 |
| 16) | A 4,4'-DDD | 6.710 | 5.786 | 3833487 | 5052519 | 2.183m | 1.785 |
| 17) | MA 4,4'-DDT | 7.025 | 6.037 | 199.0E6 | 359.1E6 | 107.648 | 118.880 |
| 18) | B Endrin al... | 6.925 | 6.113 | 4591418 | 7614997 | 2.587 | 2.828 |
| 20) | A Methoxychlor | 7.501 | 6.612 | 241.5E6 | 407.1E6 | 241.626 | 252.922 |
| 21) | B Endrin ke... | 7.644 | 6.840 | 8304220 | 14615467 | 3.701 | 4.015 |

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

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