Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
Data File : PD089832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2025 11:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 08/12/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 13:23:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
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... | 3.552 | 2.877 | 51947936 | 399.2E6 | 21.061 | 25.204 |
| 28) | SA Decachlor... | 9.072 | 8.066 | 71162207 | 439.0E6 | 19.149 | 21.867 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 4.001 | 3.389 | 49956932 | 334.1E6 | 10.085 | 13.747 # |
| 3) | MA gamma-BHC... | 4.332 | 3.725 | 49221377 | 304.6E6 | 10.357 | 13.525 # |
| 6) | B beta-BHC | 4.519 | 4.021 | 21501226 | 132.9E6 | 11.656 | 13.769 |
| 12) | B 4,4'-DDE | 6.196 | 5.370 | 543444 | 4191703 | 0.146m | 0.198m# |
| 14) | MA Endrin | 6.576 | 5.785 | 167.4E6 | 1124.3E6 | 46.782 | 56.424 |
| 16) | A 4,4'-DDD | 6.705 | 5.925 | 14313093 | 113.5E6 | 4.779m | 6.435 # |
| 17) | MA 4,4'-DDT | 7.023 | 6.179 | 290.7E6 | 1999.0E6 | 86.522 | 108.804 # |
| 18) | B Endrin al... | 6.917 | 6.254 | 2708420 | 26100116 | 1.085 | 2.020 # |
| 20) | A Methoxychlor | 7.494 | 6.749 | 356.6E6 | 2083.9E6 | 199.427 | 212.746 |
| 21) | B Endrin ke... | 7.631 | 6.984 | 7981963 | 93408001 | 2.149 | 4.655m# |

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

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