

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS090325\  
 Data File : PS031612.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2025 19:07  
 Operator : AR\AJ  
 Sample : Q2893-02  
 Misc : LOQ SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOQ-SOIL-02-QT3-2025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025  
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 02:26:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS080725.M  
 Quant Title : 8080.M  
 QLast Update : Fri Aug 08 03:17:54 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 |              |        |        |           |          |          |           |
| 4) S                        | 2,4-DCAA     | 7.286  | 7.742  | 1713.3E6  | 434.5E6  | 539.782  | 514.012m  |
| Target Compounds            |              |        |        |           |          |          |           |
| 1) T                        | Dalapon      | 2.668  | 2.673  | 1079.9E6  | 1455.8E6 | 205.728  | 547.070 # |
| 2) T                        | 3,5-DICHL... | 6.454  | 6.698  | 970.3E6   | 250.9E6  | 205.655  | 185.569   |
| 3) T                        | 4-Nitroph... | 7.098  | 7.305  | 196.0E6   | 191.0E6  | 190.005  | 151.929   |
| 5) T                        | DICAMBA      | 7.469  | 7.939  | 2760.8E6  | 1066.6E6 | 197.676  | 187.685m  |
| 6) T                        | MCPD         | 7.644  | 8.032  | 119.0E6   | 19249039 | 14.797m  | 10.888m#  |
| 7) T                        | MCPA         | 7.794  | 8.279  | 167.1E6   | 36198736 | 16.778   | 12.903    |
| 8) T                        | DICHLORPROP  | 8.178  | 8.659  | 746.0E6   | 286.4E6  | 235.148  | 214.514m  |
| 9) T                        | 2,4-D        | 8.417  | 9.006  | 724.5E6   | 346.3E6  | 251.851  | 242.595   |
| 10) T                       | Pentachlo... | 8.709  | 9.509  | 11182.8E6 | 7364.7E6 | 232.914  | 211.456   |
| 11) T                       | 2,4,5-TP ... | 9.287  | 9.892  | 4409.5E6  | 3128.7E6 | 246.013  | 238.537   |
| 12) T                       | 2,4,5-T      | 9.583  | 10.326 | 3007.9E6  | 2251.4E6 | 205.303m | 190.159m  |
| 13) T                       | 2,4-DB       | 10.162 | 10.896 | 387.6E6   | 160.9E6  | 201.703m | 166.764   |
| 14) T                       | DINOSEB      | 11.357 | 11.267 | 2748.2E6  | 1776.2E6 | 216.758  | 187.816   |
| 15) T                       | Picloram     | 11.194 | 12.400 | 1825.8E6  | 2266.3E6 | 139.865m | 129.282   |
| 16) T                       | DCPA         | 11.653 | 12.307 | 4001.9E6  | 4258.7E6 | 175.681m | 216.174m  |
| -----                       |              |        |        |           |          |          |           |

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

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