

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS101524\  
 Data File : PS027948.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2024 16:05  
 Operator : AR\AJ  
 Sample : P4368-02  
 Misc : LOQ 200PPB SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2024

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/16/2024  
 Supervised By : Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 02:43:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS100724.M  
 Quant Title : 8080.M  
 QLast Update : Mon Oct 07 13:46:03 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 x 0.5 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     | 7.095  | 7.623  | 1392.8E6 | 444.7E6  | 516.942  | 447.568   |
| Target Compounds            |              |        |        |          |          |          |           |
| 1) T                        | Dalapon      | 2.544  | 2.615  | 622.9E6  | 359.6E6  | 138.789  | 215.874 # |
| 2) T                        | 3,5-DICHL... | 6.287  | 6.595  | 773.1E6  | 216.7E6  | 194.623  | 158.458   |
| 3) T                        | 4-Nitroph... | 6.891  | 7.160  | 377.9E6  | 109.7E6  | 206.992  | 161.587   |
| 5) T                        | DICAMBA      | 7.274  | 7.817  | 1919.3E6 | 460.2E6  | 175.935  | 132.353   |
| 6) T                        | MCP          | 7.449  | 7.917  | 103.9E6  | 46088682 | 13.976   | 16.746    |
| 7) T                        | MCPA         | 7.593  | 8.156  | 178.4E6  | 125.6E6  | 16.845   | 25.106 #  |
| 8) T                        | DICHLORPROP  | 7.959  | 8.523  | 569.6E6  | 158.8E6  | 199.027  | 160.857   |
| 9) T                        | 2,4-D        | 8.182  | 8.848  | 706.6E6  | 199.6E6  | 210.039  | 199.165   |
| 10) T                       | Pentachlo... | 8.468  | 9.360  | 7914.2E6 | 1949.4E6 | 203.692  | 141.066 # |
| 11) T                       | 2,4,5-TP ... | 9.034  | 9.736  | 3150.4E6 | 788.3E6  | 199.825  | 159.119   |
| 12) T                       | 2,4,5-T      | 9.319  | 10.153 | 3137.1E6 | 635.1E6  | 193.975  | 147.529   |
| 13) T                       | 2,4-DB       | 9.882  | 10.712 | 440.4E6  | 85859260 | 169.812m | 169.565   |
| 14) T                       | DINOSEB      | 11.057 | 11.086 | 2067.2E6 | 524.1E6  | 196.072  | 155.155   |
| 15) T                       | Picloram     | 10.874 | 12.164 | 3447.4E6 | 388.6E6  | 160.139  | 93.016m#  |
| 16) T                       | DCPA         | 11.355 | 12.119 | 3611.8E6 | 797.6E6  | 203.359  | 166.163m  |
| -----                       |              |        |        |          |          |          |           |

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

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