

User: Fakhouri, Morgan  
 Westchester Dept. of Labs & Research  
 Date: 01/29/2002 Time: 10:17:05

Sample: AD28046  
 Analysis: \$525 Organic Chemicals - 525.2  
 Units: ug  
 Started: 1/29/02 10:16 Ended: 1/29/02 10:16 Analyst: MF  
 Result source: manual entry  
 Page: 1

*Original data*

|    | Component Name                  | Viol | Result | Qualifier | MDL  |
|----|---------------------------------|------|--------|-----------|------|
| 1  | Hexachlorocyclopentadiene       |      | < MDL  |           | 0.10 |
| 2  | Hexachlorobenzene               |      | < MDL  |           | 0.10 |
| 3  | Simazine                        |      | < MDL  |           | 0.40 |
| 4  | Atrazine                        |      | < MDL  |           | 0.20 |
| 5  | Alachlor                        |      | < MDL  |           | 0.20 |
| 6  | bis(2-Ethylhexyl)adipate        |      | < MDL  |           | 0.60 |
| 7  | bis(2-Ethylhexyl)phthalate      |      | < MDL  |           | 0.60 |
| 8  | Benzo(a)pyrene                  |      | < MDL  |           | 0.20 |
| 9  | EPTC                            |      | < MDL  |           | 1.0  |
| 10 | 2,6-Dinitrotoluene              |      | < MDL  |           | 2.0  |
| 11 | 2,4-Dinitrotoluene              |      | < MDL  |           | 2.0  |
| 12 | Molinate                        |      | < MDL  |           | 0.90 |
| 13 | Terbacil                        |      | < MDL  |           | 2.0  |
| 14 | Acetochlor                      |      | < MDL  |           | 2.0  |
| 15 | Metribuzin                      |      | < MDL  |           | 0.15 |
| 16 | Metolachlor                     |      | < MDL  |           | 0.75 |
| 17 | Butachlor                       |      | < MDL  |           | 0.40 |
| 18 | 4,4-DDE                         |      | < MDL  |           | 0.80 |
| 19 | Surr_1,3-Dimethyl-2-nitrobenzen |      | 4.06   |           | 1.0  |
| 20 | Surr_Triphenyl phosphate        |      | 5.69   |           | 1.0  |
| 21 | Surr_Perylene-d12               |      | 4.86   |           | 1.0  |

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121001B\28046.D

Acq On : 11 Dec 2001 2:09 am

Sample : sample

Misc :

MS Integration Params: BENZO.P

Quant Time: Dec 11 02:46:17 2001

Vial: 14

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Results File: 120501.RES

Quant Method : C:\MSDCHEM\1\5973N\120501.M (RTE Integrator)

Title : Quantitation For Method 525.2

Last Update : Thu Dec 06 10:31:04 2001

Response via : Initial Calibration

DataAcq Meth : 120501

*original data*

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 18.32 | 164  | 7365266  | 5.00 | ug/L  | 0.00     |
| 9) Phenanthrene D-10 | 22.66 | 188  | 10475741 | 5.00 | ug/L  | 0.02     |
| 20) Chrysene D-12    | 30.44 | 240  | 5991192  | 5.00 | ug/L  | 0.02     |

## System Monitoring Compounds

|                               |       |     |          |      |         |      |
|-------------------------------|-------|-----|----------|------|---------|------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 13.24 | 134 | 1586260  | 4.06 | ug/L    | 0.02 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 81.20%  |      |
| 19) Triphenyl Phosphate surr  | 29.70 | 326 | 2067843  | 5.69 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 113.80% |      |
| 21) Perylene D-12 surr        | 34.45 | 264 | 4087215  | 4.86 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 97.20%  |      |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 3) Hexachlorocyclopentadiene   | 0.00  | 237 | 0      | N.D.        |        |
| 4) Hexachlorobenzene           | 21.52 | 284 | 15471  | 0.03 ug/L # | 69     |
| 5) EPTC                        | 0.00  | 128 | 0      | N.D.        |        |
| 6) 2,6-Dinitrotoluene          | 17.94 | 165 | 104120 | 0.59 ug/L # | 34     |
| 7) 2,4-Dinitrotoluene          | 19.05 | 165 | 17089  | 0.33 ug/L # | 43     |
| 8) Molinate                    | 19.24 | 126 | 8632   | 0.01 ug/L # | 1      |
| 10) Simazine                   | 0.00  | 201 | 0      | N.D.        |        |
| 11) Atrazine                   | 0.00  | 200 | 0      | N.D.        |        |
| 12) Alachlor                   | 0.00  | 160 | 0      | N.D.        |        |
| 13) Terbacil                   | 22.66 | 161 | 109687 | 0.24 ug/L # | 1      |
| 14) Acetochlor                 | 0.00  | 146 | 0      | N.D.        |        |
| 15) Metribuzin                 | 0.00  | 198 | 0      | N.D.        |        |
| 16) Metolachlor                | 0.00  | 162 | 0      | N.D. d      |        |
| 17) Butachlor                  | 26.76 | 160 | 48397  | 0.11 ug/L # | 8      |
| 18) 4,4'-DDE                   | 27.41 | 246 | 8636   | 0.02 ug/L   | 94     |
| 22) Bis (2-Ethylhexyl) adipate | 29.62 | 129 | 25302  | 0.14 ug/L # | 1      |
| 23) Bis (2-Ethylhexyl) phthala | 31.07 | 149 | 256253 | 0.34 ug/L   | 99     |
| 24) Benzo (a) pyrene           | 0.00  | 252 | 0      | N.D. d      |        |

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(#) = qualifier out of range (m) = manual integration

28046.D 120501.M

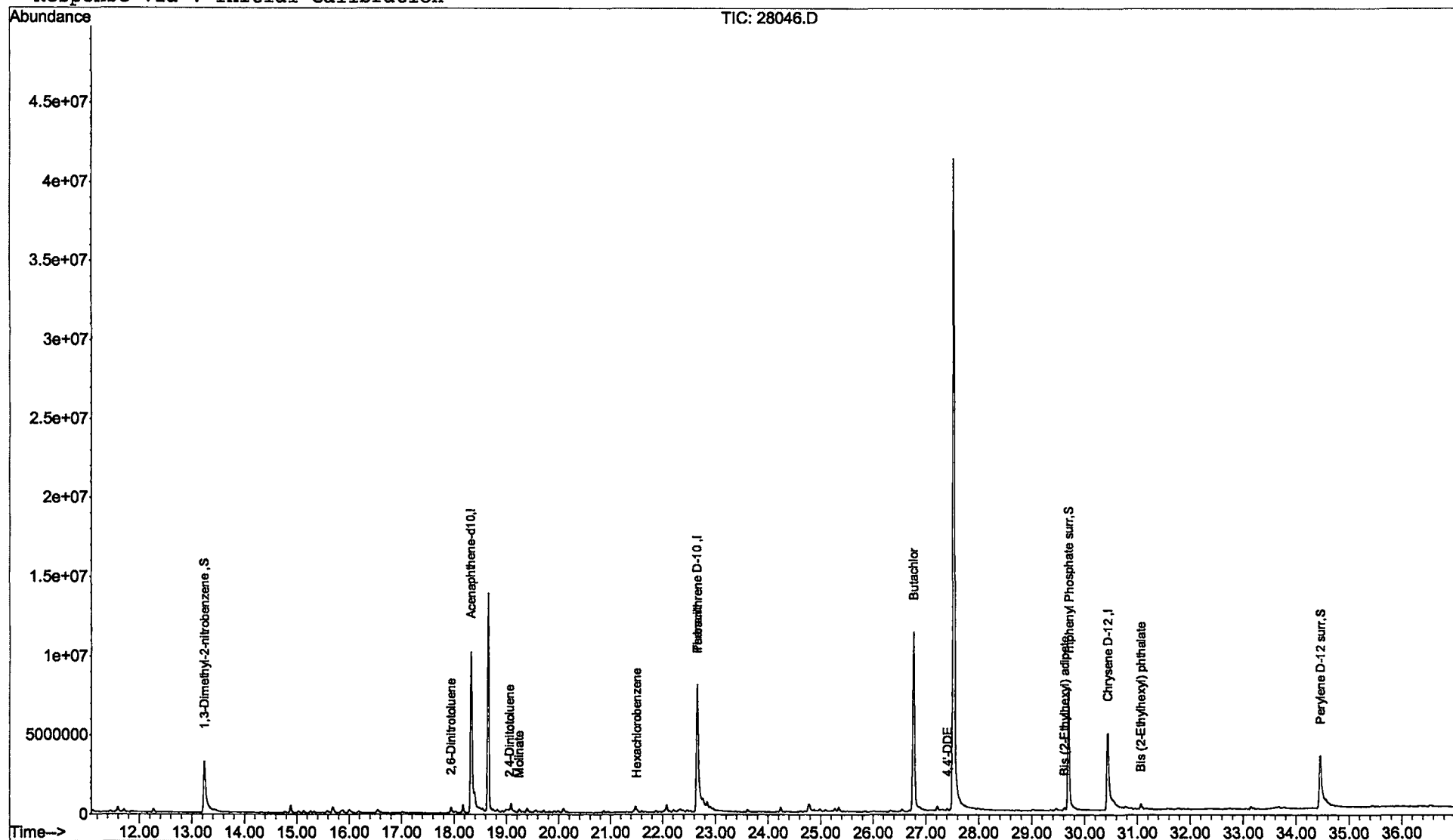
Thu Jan 10 12:07:19 2002

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121001B\28046.D Vial: 14  
 Acq On : 11 Dec 2001 2:09 am Operator: McLean  
 Sample : sample Inst : Instrumen  
 Misc : Multiplr: 1.00  
 MS Integration Params: BENZO.P  
 Quant Time: Jan 10 12:07 2002 Quant Results File: 120501.RES

Method : C:\MSDCHEM\1\5973N\120501.M (RTE Integrator)  
 Title : Quantitation For Method 525.2  
 Last Update : Thu Dec 06 10:31:04 2001  
 Response via : Initial Calibration



## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\012502A\28046RR.D

Acq On : 25 Jan 2002 10:10 pm

Sample : REINJ

Misc :

MS Integration Params: rteint.p

Quant Time: Jan 25 22:47:14 2002

Vial: 11

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Results File: 012402DF.RES

Quant Method : C:\MSDCHEM\1\5973N\012402DF.M (RTE Integrator)

Title : Quantitation For Method 525.2

Last Update : Tue Dec 04 15:01:26 2001

Response via : Initial Calibration

DataAcq Meth : 012402DF

*Revised data*

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 17.96 | 164  | 15070484 | 5.00 | ug/L  | -0.35    |
| 9) Phenanthrene D-10 | 22.27 | 188  | 18902720 | 5.00 | ug/L  | -0.37    |
| 20) Chrysene D-12    | 30.03 | 240  | 12302281 | 5.00 | ug/L  | -0.39    |

## System Monitoring Compounds

|                               |       |     |          |      |         |       |
|-------------------------------|-------|-----|----------|------|---------|-------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 12.89 | 134 | 3942343  | 5.52 | ug/L    | -0.34 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 110.40% |       |
| 19) Triphenyl Phosphate       | 29.33 | 326 | 3243244  | 5.02 | ug/L    | -0.37 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 100.40% |       |
| 21) Perylene D-12             | 34.02 | 264 | 7716606  | 4.35 | ug/L    | -0.42 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 87.00%  |       |

## Target Compounds

|                                |       |     |        |      |        | Qvalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 3) Hexachlorocyclopentadiene   | 15.47 | 237 | 15006  | 0.03 | ug/L   | 94     |
| 4) Hexachlorobenzene           | 21.13 | 284 | 31982  | 0.03 | ug/L   | 93     |
| 5) EPTC                        | 15.66 | 128 | 5288   | N.D. |        |        |
| 6) 2,6-Dinitrotoluene          | 17.81 | 165 | 7638   | 0.01 | ug/L   | 78     |
| 7) 2,4-Dinitrotoluene          | 18.70 | 165 | 37564  | 0.05 | ug/L   | 40     |
| 8) Molinate                    | 18.89 | 126 | 8588   | N.D. |        |        |
| 10) Simazine                   | 0.00  | 201 | 0      | N.D. |        |        |
| 11) Atrazine                   | 0.00  | 200 | 0      | N.D. |        |        |
| 12) Alachlor                   | 23.30 | 160 | 8433   | 0.01 | ug/L # | 30     |
| 13) Terbacil                   | 22.43 | 161 | 9835   | 0.01 | ug/L # | 1      |
| 14) Acetochlor                 | 23.82 | 146 | 5038   | N.D. |        |        |
| 15) Metribuzin                 | 0.00  | 198 | 0      | N.D. |        |        |
| 16) Metolachlor                | 24.71 | 162 | 6610   | N.D. |        |        |
| 17) Butachlor                  | 0.00  | 160 | 0      | N.D. | d      |        |
| 18) 4,4'-DDE                   | 27.05 | 246 | 17353  | 0.02 | ug/L   | 92     |
| 22) Bis (2-Ethylhexyl) adipate | 29.26 | 129 | 40507  | 0.02 | ug/L # | 1      |
| 23) Bis (2-Ethylhexyl) phthala | 30.69 | 149 | 396923 | 0.12 | ug/L   | 91     |
| 24) Benzo (a) pyrene           | 33.87 | 252 | 16147  | N.D. |        |        |

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(#) = qualifier out of range (m) = manual integration

28046RR.D 012402B.M

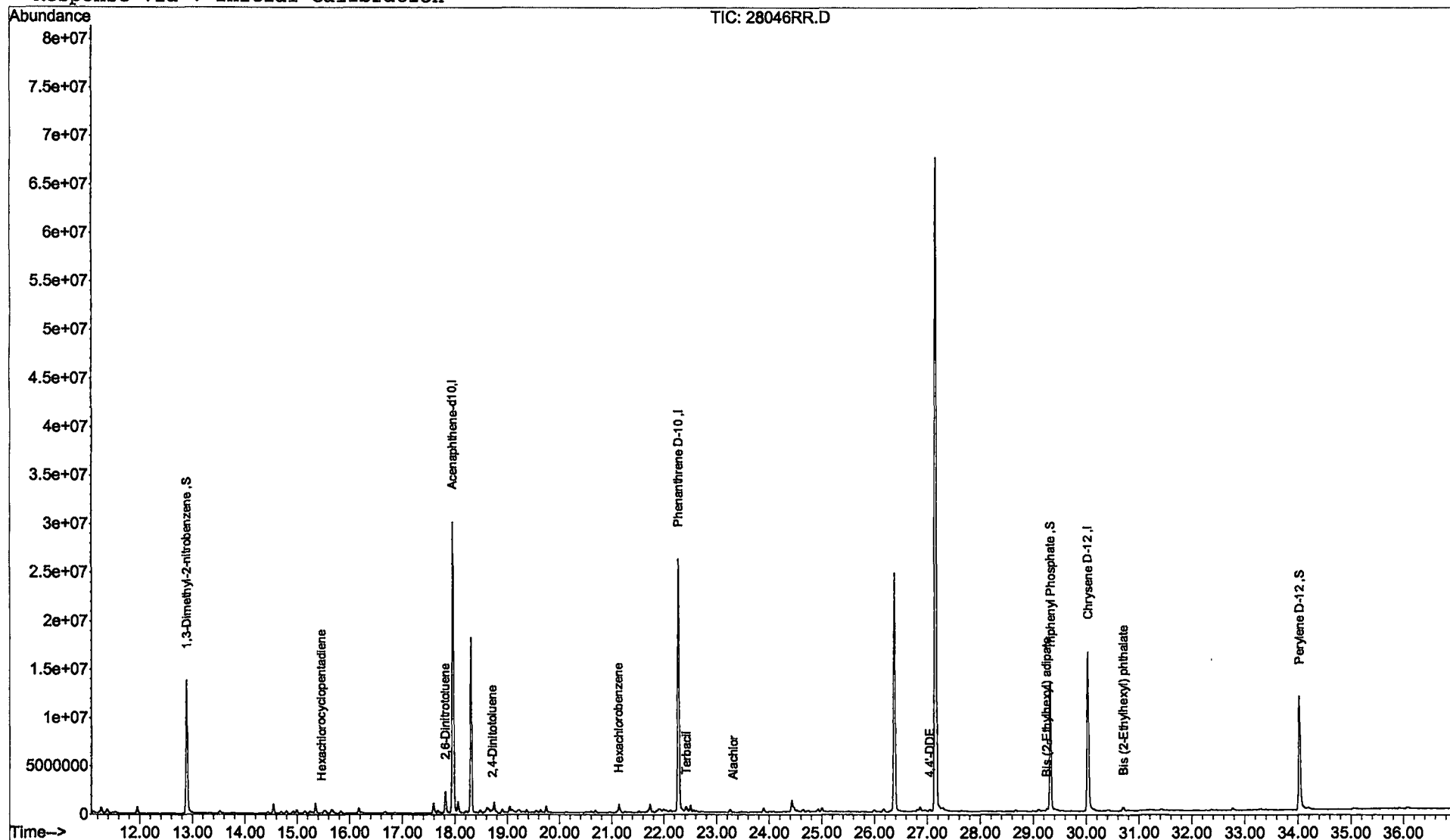
Mon Jan 28 12:21:13 2002

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Quantitation report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\012502A\28046RR.D Vial: 11  
 Acq On : 25 Jan 2002 10:10 pm Operator: McLean  
 Sample : REINJ Inst : Instrumen  
 Misc : Multiplr: 1.00  
 MS Integration Params: rteint.p  
 Quant Time: Jan 28 12:21 2002 Quant Results File: 012402DF.RES

Method : C:\MSDCHEM\1\5973N\012402B.M (RTE Integrator)  
 Title : Quantitation For Method 525.2  
 Last Update : Fri Jan 25 11:19:14 2002  
 Response via : Initial Calibration



**Comments for Sample AD28046 - Analysis \$525**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-30-2002 Time: 14:49:07

The recoveries for 6 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges.