

User: Fakhouri, Morgan  
 Westchester Dept. of Labs & Research  
 Date: 01/29/2002 Time: 11:41:18

Sample: AD28167  
 Analysis: \$525 Organic Chemicals - 525.2  
 Units: ug  
 Started: 1/29/02 11:34 Ended: 1/29/02 11:34 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 |      | 4.11   |           | 1.0  |
| 20 | Surr_Triphenyl phosphate        |      | 5.79   |           | 1.0  |
| 21 | Surr_Perylene-d12               |      | 4.34   |           | 1.0  |

## Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121001B\28167.D

Acq On : 11 Dec 2001 9:27 am

Sample : sample

Misc :

MS Integration Params: BENZO.P

Quant Time: Dec 11 10:04:43 2001

Vial: 24

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Results File: 120501.RES

*Original data*

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

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 18.32 | 164  | 7662249  | 5.00 | ug/L  | 0.00     |
| 9) Phenanthrene D-10 | 22.66 | 188  | 11458298 | 5.00 | ug/L  | 0.02     |
| 20) Chrysene D-12    | 30.44 | 240  | 7259222  | 5.00 | ug/L  | 0.02     |

## System Monitoring Compounds

|                               |       |     |          |      |         |      |
|-------------------------------|-------|-----|----------|------|---------|------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 13.24 | 134 | 1672378  | 4.11 | ug/L    | 0.02 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 82.20%  |      |
| 19) Triphenyl Phosphate surr  | 29.70 | 326 | 2301377  | 5.79 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 115.80% |      |
| 21) Perylene D-12 surr        | 34.46 | 264 | 4422408  | 4.34 | ug/L    | 0.02 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 86.80%  |      |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 3) Hexachlorocyclopentadiene   | 0.00  | 237 | 0      | N.D.        |        |
| 4) Hexachlorobenzene           | 21.52 | 284 | 13018  | 0.02 ug/L   | 98     |
| 5) EPTC                        | 0.00  | 128 | 0      | N.D.        |        |
| 6) 2,6-Dinitrotoluene          | 17.94 | 165 | 74166  | 0.48 ug/L # | 41     |
| 7) 2,4-Dinitotoluene           | 0.00  | 165 | 0      | N.D. d      |        |
| 8) Molinate                    | 19.24 | 126 | 7850   | 0.01 ug/L # | 1      |
| 10) Simazine                   | 0.00  | 201 | 0      | N.D.        |        |
| 11) Atrazine                   | 0.00  | 200 | 0      | N.D.        |        |
| 12) Alachlor                   | 23.91 | 160 | 5765   | 0.01 ug/L # | 62     |
| 13) Terbacil                   | 0.00  | 161 | 0      | N.D. d      |        |
| 14) Acetochlor                 | 0.00  | 146 | 0      | N.D.        |        |
| 15) Metribuzin                 | 0.00  | 198 | 0      | N.D.        |        |
| 16) Metolachlor                | 24.82 | 162 | 5417   | 0.00 ug/L   | 96     |
| 17) Butachlor                  | 26.77 | 160 | 44898  | 0.09 ug/L # | 9      |
| 18) 4,4'-DDE                   | 0.00  | 246 | 0      | N.D. d      |        |
| 22) Bis (2-Ethylhexyl) adipate | 29.62 | 129 | 43745  | 0.15 ug/L # | 1      |
| 23) Bis (2-Ethylhexyl) phthala | 31.07 | 149 | 483869 | 0.43 ug/L   | 91     |
| 24) Benzo (a) pyrene           | 0.00  | 252 | 0      | N.D. d      |        |

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

28167.D 120501.M

Tue Jan 29 11:42:34 2002

Page 1

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121001B\28167.D

Vial: 24

Acq On : 11 Dec 2001 9:27 am

Operator: McLean

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Jan 10 12:15 2002

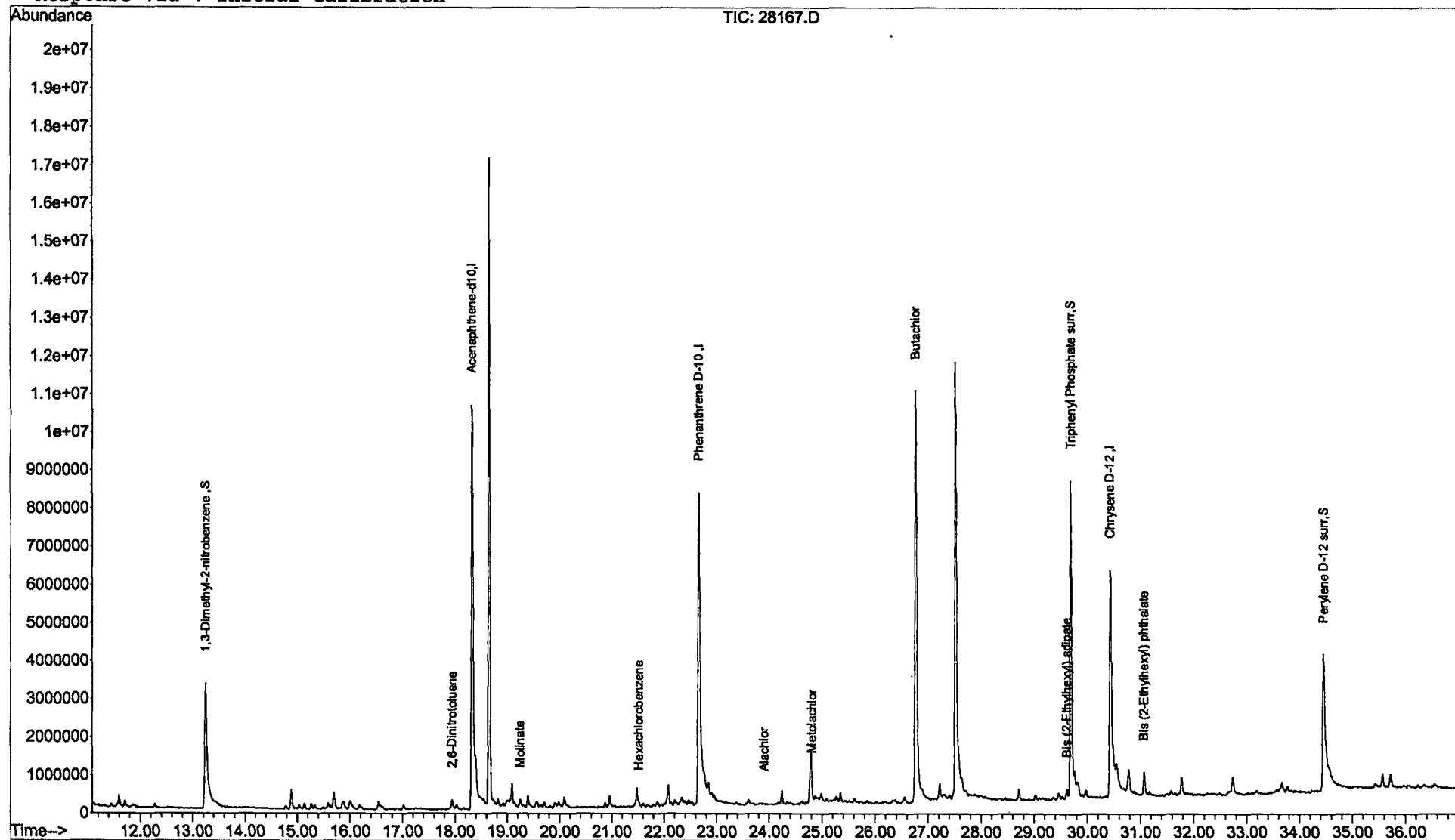
Quant Results File: 120501.RES

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\28167RR.D

Vial: 8

Acq On : 25 Jan 2002 7:55 pm

Operator: McLean

Sample : REINJ

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jan 28 12:44:07 2002

Quant Results File: 012402B.RES

Quant 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

DataAcq Meth : 012402DF

*Rejected data*

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 17.96 | 164  | 15578538 | 5.00 | ug/L  | 0.00     |
| 9) Phenanthrene D-10 | 22.27 | 188  | 19075988 | 5.00 | ug/L  | 0.00     |
| 20) Chrysene D-12    | 30.03 | 240  | 14028863 | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |     |          |      |         |      |
|-------------------------------|-------|-----|----------|------|---------|------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 12.89 | 134 | 4142674  | 5.19 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 103.80% |      |
| 19) Triphenyl Phosphate       | 29.33 | 326 | 3420897  | 5.95 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 119.00% |      |
| 21) Perylene D-12             | 34.02 | 264 | 8149808  | 4.09 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 81.80%  |      |

## Target Compounds

|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 3) Hexachlorocyclopentadiene   | 0.00  | 237 | 0      | N.D. d      |        |
| 4) Hexachlorobenzene           | 21.13 | 284 | 26451  | 0.03 ug/L   | 92     |
| 5) EPTC                        | 15.83 | 128 | 5581   | Below Cal # | 1      |
| 6) 2,6-Dinitrotoluene          | 17.52 | 165 | 9878   | 0.83 ug/L   | 82     |
| 7) 2,4-Dinitotoluene           | 0.00  | 165 | 0      | N.D. d      |        |
| 8) Molinate                    | 18.91 | 126 | 20080  | Below Cal # | 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. d      |        |
| 13) Terbacil                   | 0.00  | 161 | 0      | N.D. d      |        |
| 14) Acetochlor                 | 0.00  | 146 | 0      | N.D. d      |        |
| 15) Metribuzin                 | 0.00  | 198 | 0      | N.D.        |        |
| 16) Metolachlor                | 24.68 | 162 | 6950   | 0.22 ug/L   | 38     |
| 17) Butachlor                  | 0.00  | 160 | 0      | N.D. d      |        |
| 18) 4,4'-DDE                   | 27.05 | 246 | 8924   | 0.04 ug/L   | 67     |
| 22) Bis (2-Ethylhexyl) adipate | 29.26 | 129 | 56854  | 0.53 ug/L # | 1      |
| 23) Bis (2-Ethylhexyl) phthala | 30.69 | 149 | 642517 | 0.60 ug/L   | 95     |
| 24) Benzo (a) pyrene           | 0.00  | 252 | 0      | N.D. d      |        |

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

28167RR.D 012402B.M

Mon Jan 28 12:45:32 2002

Page 1

Data File : C:\MSDCHEM\1\DATA\012502A\28167RR.D

Vial: 8

Acq On : 25 Jan 2002 7:55 pm

Operator: McLean

Sample : REINJ

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jan 28 12:45 2002

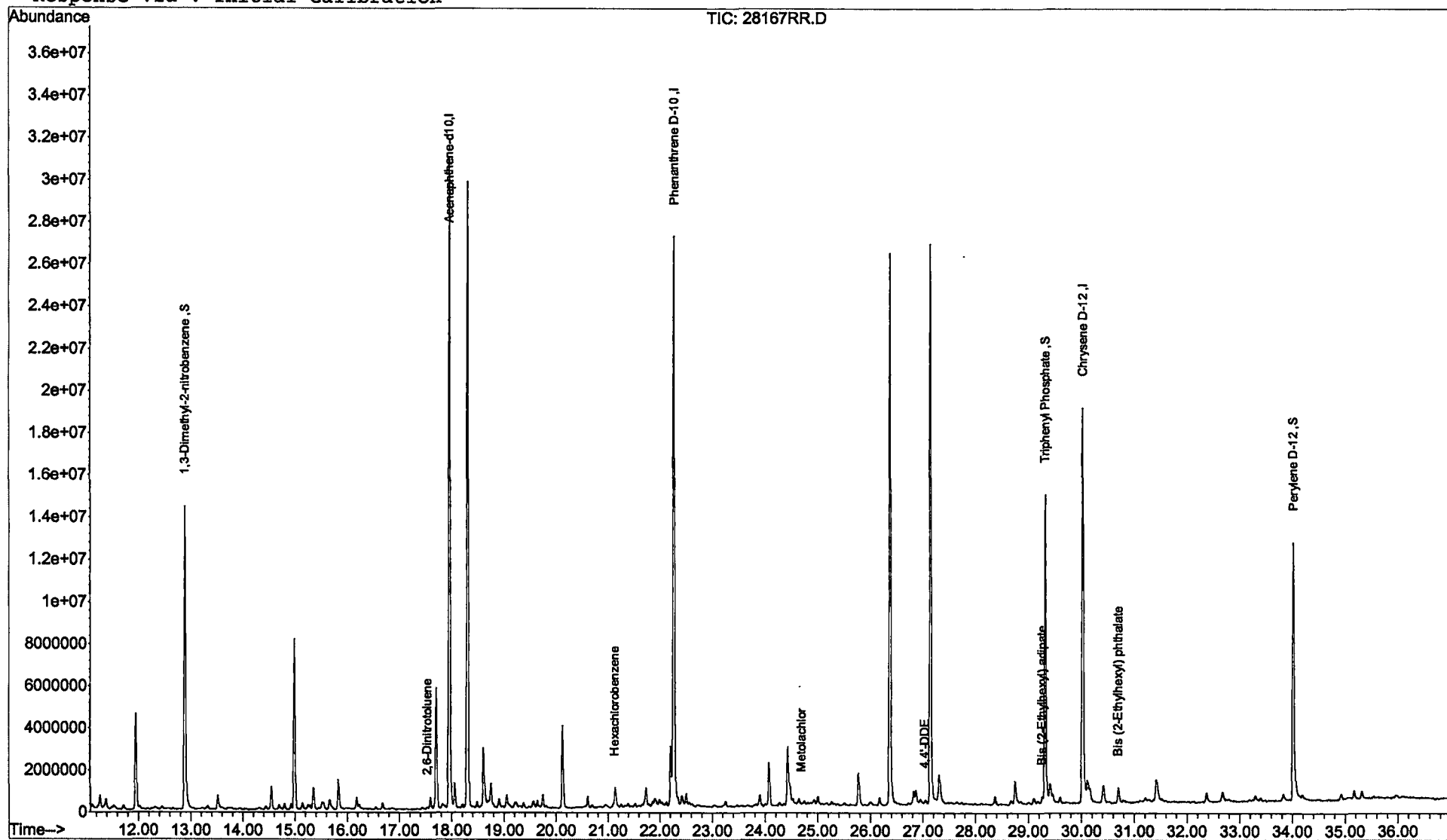
Quant Results File: 012402B.RES

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 AD28167 - Analysis \$525**

Westchester Dept. of Labs & Research  
User: Vinci, David L  
Date: 01-30-2002 Time: 15:10:30

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.