

User: Fakhouri, Morgan  
Westchester Dept. of Labs & Research  
Date: 12/12/2001 Time: 15:41:48

Sample: AD27289

Analysis: \$525 Organic Chemicals - 525.2

Units: ug

Started: 12/12/01 15:40 Ended: 12/12/01 15:40 Analyst: MF

Result source: manual entry

Page: 1

|    | 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      |      | 0.74   |           | 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 |      | 4.09   |           | 1.0  |
| 20 | Surr_Triphenyl phosphate        |      | 5.70   |           | 1.0  |
| 21 | Surr_Perylene-d12               |      | 4.75   |           | 1.0  |

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\120601\27289.D

Vial: 45

On : 8 Dec 2001 2:19 am

Operator: McLean

le : 11/15 sample

Inst : Instrumen

:

Multiplr: 1.00

Integration Params: BENZO.P

at Time: Dec 12 14:28:03 2001

Quant Results File: 120501.RES

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

Title : Quantitation For Method 525.2

Last Update : Wed Dec 12 12:56:58 2001

Response via : Initial Calibration

DataAcq Meth : 120501

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 18.32 | 164  | 6742406  | 5.00 | ug/L  | 0.00     |
| 9) Phenanthrene D-10 | 22.65 | 188  | 11146890 | 5.00 | ug/L  | 0.00     |
| 20) Chrysene D-12    | 30.43 | 240  | 6932242  | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |     |          |      |         |      |
|-------------------------------|-------|-----|----------|------|---------|------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 13.23 | 134 | 1463278  | 4.09 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 81.80%  |      |
| 19) Triphenyl Phosphate surr  | 29.70 | 326 | 2201376  | 5.70 | ug/L    | 0.01 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 114.00% |      |
| 21) Perylene D-12 surr        | 34.45 | 264 | 4619425  | 4.75 | ug/L    | 0.00 |
| Spiked Amount 5.000           |       |     | Recovery | =    | 95.00%  |      |

## Target Compounds

|                                | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Hexachlorocyclopentadiene   | 0.00  | 237  | 0        | N.D.   |        |        |
| 4) Hexachlorobenzene           | 0.00  | 284  | 0        | N.D.   |        |        |
| 5) EPTC                        | 0.00  | 128  | 0        | N.D.   |        |        |
| 6) 2,6-Dinitrotoluene          | 17.93 | 165  | 259959   | 1.21   | ug/L # | 33     |
| 7) 2,4-Dinitotoluene           | 0.00  | 165  | 0        | N.D. d |        |        |
| 8) Molinate                    | 19.23 | 126  | 8757     | N.D.   |        |        |
| 10) Simazine                   | 0.00  | 201  | 0        | N.D.   |        |        |
| 11) Atrazine                   | 0.00  | 200  | 0        | N.D.   |        |        |
| 12) Alachlor                   | 24.51 | 160  | 5251     | N.D.   |        |        |
| 13) Terbacil                   | 22.65 | 161  | 111363   | 0.23   | ug/L # | 1      |
| 14) Acetochlor                 | 24.22 | 146  | 5762     | N.D.   |        |        |
| 15) Metribuzin                 | 0.00  | 198  | 0        | N.D.   |        |        |
| 16) Metolachlor                | 24.77 | 162  | 9703     | N.D.   |        |        |
| 17) Butachlor                  | 0.00  | 160  | 0        | N.D. d |        |        |
| 18) 4,4'-DDE                   | 0.00  | 246  | 0        | N.D. d |        |        |
| 22) Bis (2-Ethylhexyl) adipate | 29.62 | 129  | 57828    | 0.16   | ug/L # | 1      |
| 23) Bis (2-Ethylhexyl) phthala | 31.07 | 149  | 1014505  | 0.74   | ug/L   | 98     |
| 24) Benzo (a) pyrene           | 0.00  | 252  | 0        | N.D. d |        |        |

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

27289.D 120501.M Wed Dec 12 14:28:33 2001

Page 1

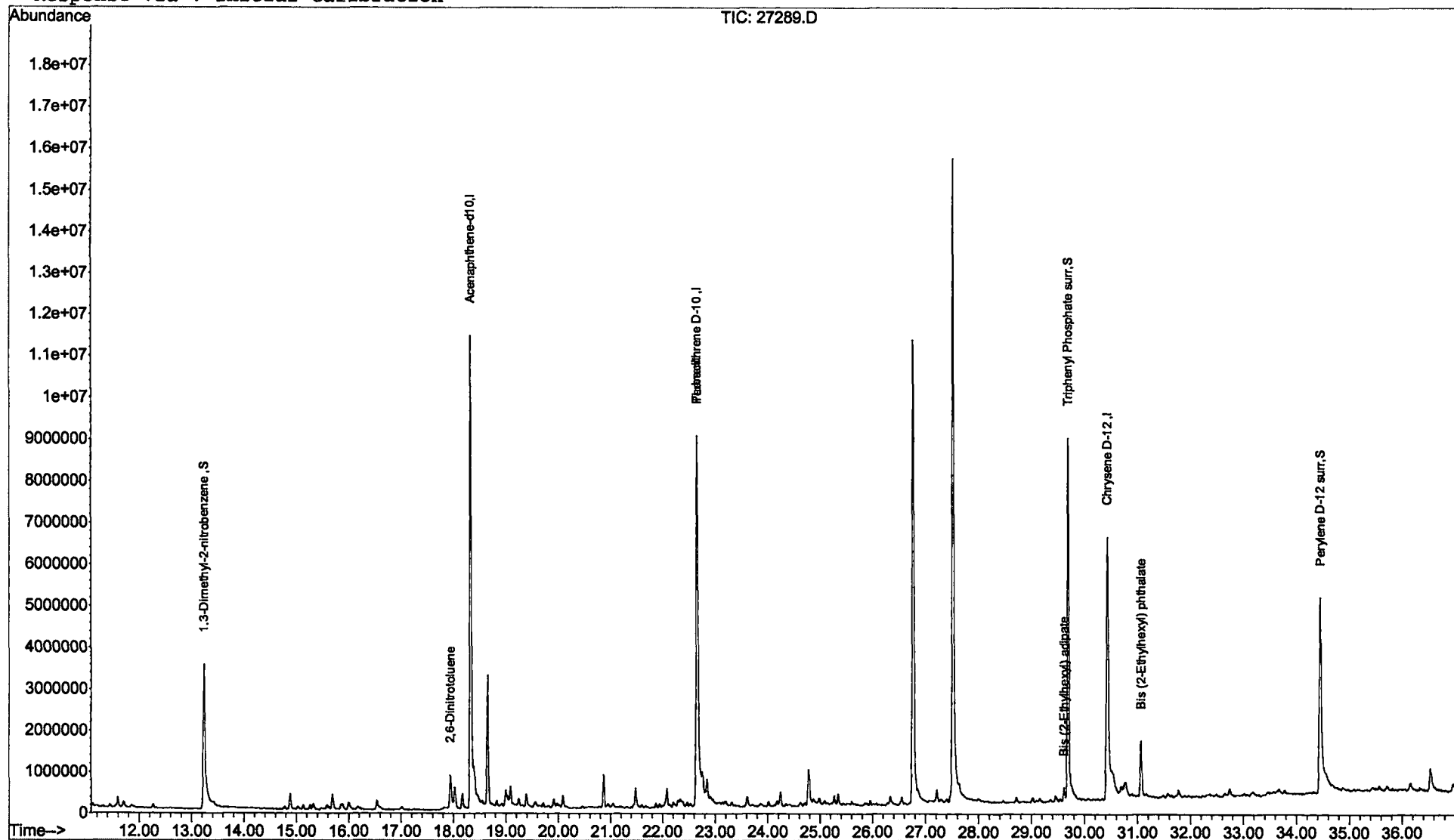
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\120601\27289.D  
 Acq On : 8 Dec 2001 2:19 am  
 Sample : 11/15 sample  
 Misc :  
 MS Integration Params: BENZO.P  
 Quant Time: Dec 12 14:28 2001

Vial: 45  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: 120501.RES

Method : C:\MSDCHEM\1\5973N\120501.M (RTE Integrator)  
 Title : Quantitation For Method 525.2  
 Last Update : Wed Dec 12 12:56:58 2001  
 Response via : Initial Calibration



**. Comments for Sample AD27289 - Analysis \$525**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-13-2001 Time: 15:38:24

Recoveries for 6 of the 18 compounds in the MDL and LCS Standards are outside of their acceptance ranges.