

User: Bohlk, Ted  
Westchester Dept. of Labs & Research  
Date: 01/08/2002 Time: 14:26:26

Sample: AD28169  
Analysis: \$525 Organic Chemicals - 525.2  
Units: ug  
Started: 11/24/01 14:23 Ended: 12/9/01 14:23 Analyst: TB  
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      |      | < 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 |      | 5.4    |           | 1.0  |
| 20 | Surr_Triphenyl phosphate        |      | 5.3    |           | 1.0  |
| 21 | Surr_Perylene-d12               |      | 4.2    |           | 1.0  |

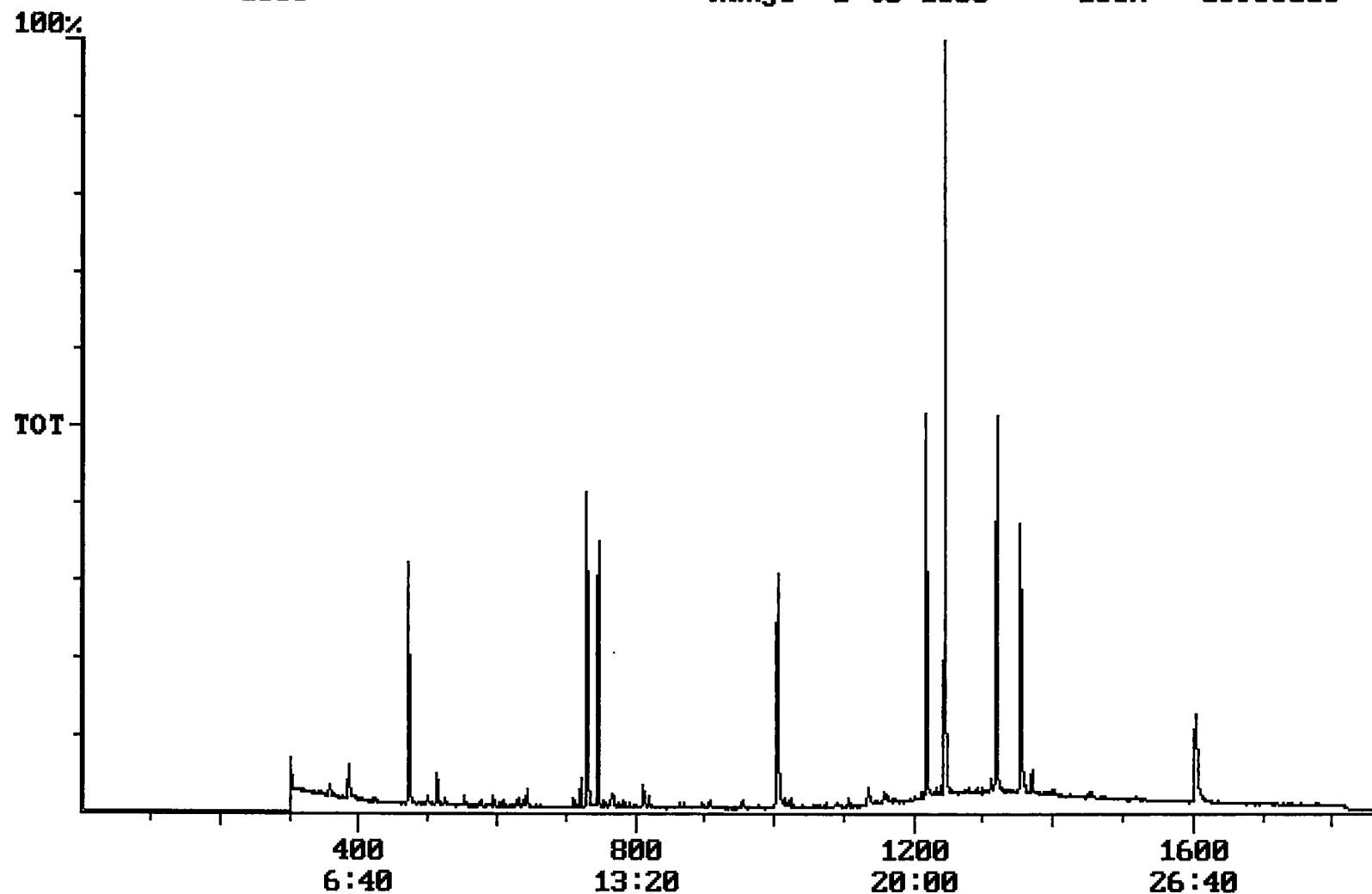
## Chromatogram Plot

File: E:\28169JJ Date: Dec-09-1991 23:14:41

Comment: BOHLK; METHOD 525; INST 204; 12/09/01; SAMPLE 28169

Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0

Plotted: 1 to 1860 Range: 1 to 1860 100% = 10933110



Integration Report      Quanfile: 28169JJ      Quan Entries: 15  
 Comment: BOHLK; METHOD 525; INST 204; 12/09/01; SAMPLE 28169  
 Sorted via: Entry Number ↑

| No | Name of Compound            | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|-----------------------------|--------|-------|------|-----------|-----------|
| 1  | acenaphthene d-10 (IS)      | 12:10  | 730   | Auto | 2,049,970 | 1,116,346 |
| 2  | phenanthrene d-10 (IS)      | 16:45  | 1005  | Auto | 3,020,822 | 1,123,636 |
| 3  | chrysene d-12 (IS)          | 22:33  | 1353  | Auto | 2,628,981 | 1,204,562 |
| 4  | p-terphenyl d-14 (IS)       | 20:45  | 1245  | Auto | 5,616,471 | 3,697,596 |
| 5  | acenaphthene d-10 (SURR)    | 12:10  | 730   | Auto | 2,049,970 | 1,116,346 |
| 6  | phenanthrene d-10 (SURR)    | 16:45  | 1005  | Auto | 3,020,822 | 1,123,636 |
| 7  | chrysene d-12 (SURR)        | 22:33  | 1353  | Auto | 2,628,981 | 1,204,562 |
| 8  | 1,3-dimethyl-2-nitrobenzene | 7:52   | 472   | Auto | 1,038,046 | 540,793   |
| 9  | triphenyl phosphate (S)     | 21:59  | 1319  | Auto | 1,350,574 | 744,817   |
| 10 | perylene d-12 (SURR)        | 26:43  | 1603  | Auto | 1,626,758 | 310,950   |
| 11 | bis(2-ethylhexyl)adipate    | 21:51  | 1311  | Auto | 14,311    | 6,420     |
| 12 | bis(2-ethylhexyl)phthalate  | 22:50  | 1370  | Auto | 228,508   | 100,731   |
| 13 | 2,6-dinitrotoluene          | 11:51  | 711   | Auto | 32,308    | 14,635    |
| 14 | 2,4-dinitrotoluene          | 13:01  | 781   | Auto | 4,521     | 1,580     |
| 15 | butachlor                   | 20:18  | 1218  | Auto | 16,018    | 8,620     |

*reviewed IS/SURR's*

Quantitation Report      Quanfile: 28169JJ      Quan Entries: 15  
 Comment: BOHLK; METHOD 525; INST 204; 12/09/01; SAMPLE 28169  
 Sorted via: Entry Number ↑      (S) = Standard

| Cal | Name of Compound        | S | Scan# | R Time | Me | Calc Amt(A) | Units |
|-----|-------------------------|---|-------|--------|----|-------------|-------|
| 1   | acenaphthene d-10(IS)   | I | 730   | 12:10  | BB | 5.000       | UG/L  |
| 2   | phenanthrene d-10 (IS)  | I | 1005  | 16:45  | BV | 5.000       | UG/L  |
| 3   | chrysene d-12(IS)       | I | 1353  | 22:33  | BB | 5.000       | UG/L  |
| 4   | p-terphenyl d-14(IS)    | I | 1245  | 20:45  | BB | 5.000       | UG/L  |
| 5   | acenaphthene d-10(SURR  | A | 730   | 12:10  | BB | 2.010       | UG/L  |
| 6   | phenanthrene d-10(SURR  | A | 1005  | 16:45  | BV | 2.314       | UG/L  |
| 7   | chrysene d-12 (SURR)    | A | 1353  | 22:33  | BB | 2.461       | UG/L  |
| 8   | 1,3-dimethyl-2-nitroben | A | 472   | 7:52   | BV | 5.427       | UG/L  |
| 9   | triphenyl phosphate (S  | A | 1319  | 21:59  | BV | 5.302       | UG/L  |
| 10  | perylene d-12 (SURR)    | A | 1603  | 26:43  | BB | 4.247       | UG/L  |
| 16  | bis(2-ethylhexyl)adipa  | A | 1311  | 21:51  | MM | 0.037       | UG/L  |
| 17  | bis(2-ethylhexyl)phtha  | A | 1370  | 22:50  | VB | 0.297       | UG/L  |
| 20  | 2,6-dinitrotoluene      | A | 711   | 11:51  | BB | 0.267       | UG/L  |
| 21  | 2,4-dinitrotoluene      | A | 781   | 13:01  | BB | 0.035       | UG/L  |
| 27  | butachlor               | A | 1218  | 20:18  | BB | 0.059       | UG/L  |

**Comments for Sample AD28169 - Analysis \$525**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-22-2002 Time: 15:37:00

The recoveries for 2 of the 18 compounds in the LCS Standard were below their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 68%. The injection port is kept at 280 degrees Celcius which may be contributing to high Endrin Breakdown. An investigation into modifying injection port parameters will be made.