

User: Bohlk, Ted  
Westchester Dept. of Labs & Research  
Date: 10/12/2001 Time: 14:24:03

Sample: AD23272  
Analysis: \$525 Organic Chemicals - 525.2  
Units: ug  
Started: 10/2/01 14:16 Ended: 10/8/01 14:16 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  |           | 0.07 |
| 4  | Atrazine                        |      | < MDL  |           | 0.10 |
| 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 |      | 5.1    |           | 1.0  |
| 20 | Surr_Triphenyl phosphate        |      | 5.3    |           | 1.0  |
| 21 |                                 |      |        |           |      |

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## Chromatogram Plot

File: C:\23272III

Date: Oct-09-1991 05:08:52

Comment: BOHLK; METHOD 525; INST 204; 10/08/01; SAMPLE 23272

Scan No: 1

Retention Time: 0:01

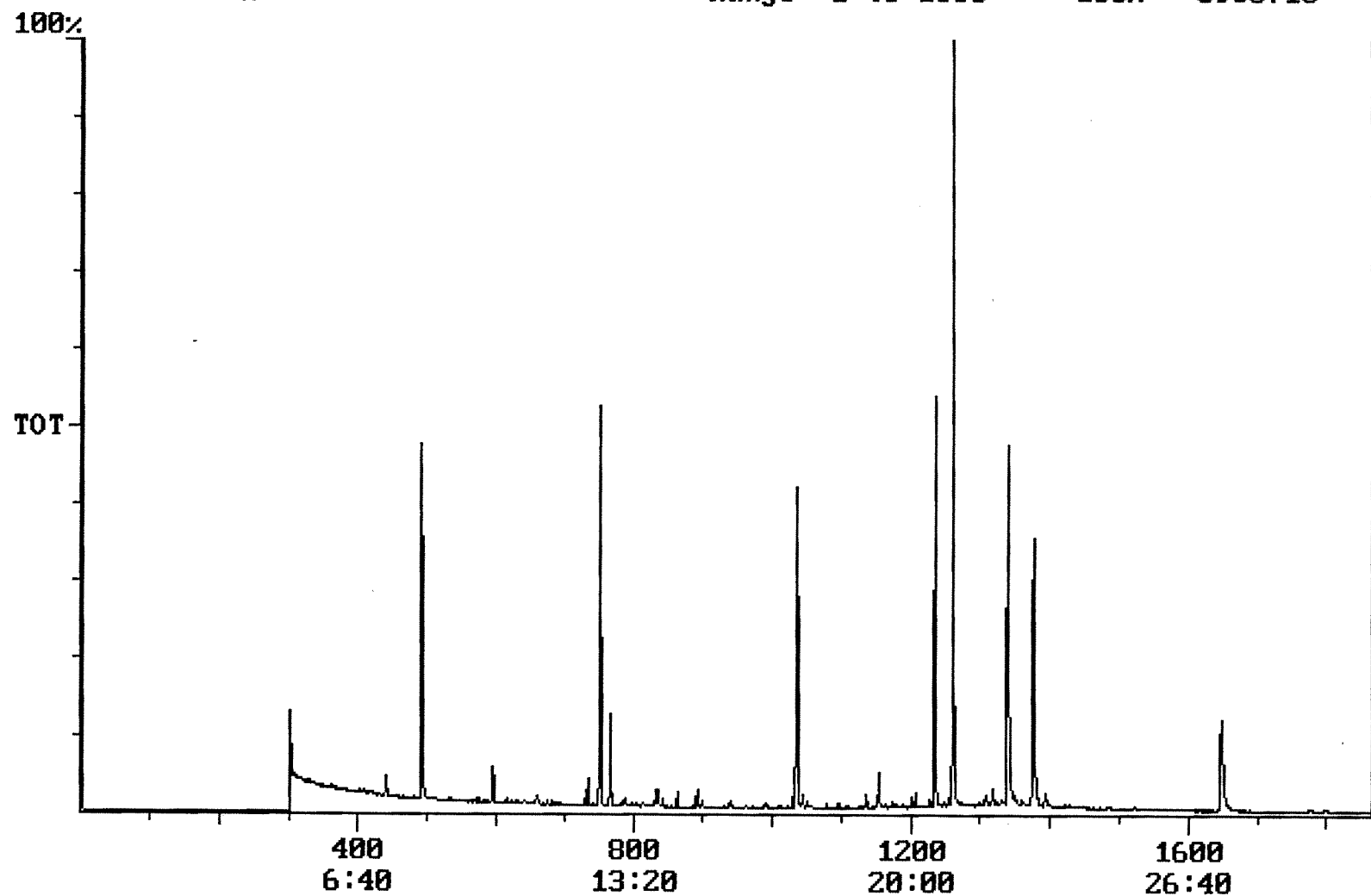
RIC: 0

Mass Range: 0 - 0

Plotted: 1 to 1860

Range: 1 to 1860

100% = 6900715



Integration Report      Quanfile: 23272III      Quan Entries: 14  
 Comment: BOHLK; METHOD 525; INST 204; 10/08/01; SAMPLE 23272  
 Sorted via: Entry Number ↑

| No | Name of Compound         | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|--------------------------|--------|-------|------|-----------|-----------|
| 1  | acenaphthene d-10 (IS)   | 12:31  | 751   | Auto | 1,600,581 | 842,796   |
| 2  | phenanthrene d-10 (IS)   | 17:14  | 1034  | Auto | 2,499,144 | 996,568   |
| 3  | chrysene d-12 (IS)       | 22:56  | 1376  | Auto | 1,672,708 | 678,650   |
| 4  | p-terphenyl d-14 (IS)    | 21:01  | 1261  | Auto | 3,034,358 | 2,255,468 |
| 5  | acenaphthene d-10 (SURR) | 12:31  | 751   | Auto | 1,600,581 | 842,796   |
| 6  | phenanthrene d-10 (SURR) | 17:14  | 1034  | Auto | 2,499,144 | 996,568   |
| 7  | chrysene d-12 (SURR)     | 22:56  | 1376  | Auto | 1,672,708 | 678,650   |
| 8  | 1,3-dimethyl-2-nitrobe   | 8:11   | 491   | Auto | 933,664   | 507,438   |
| 9  | triphenyl phosphate (S   | 22:18  | 1338  | Auto | 1,318,434 | 517,373   |
| 10 | perylene d-12 (SURR)     | 27:27  | 1647  | Auto | 1,378,119 | 266,484   |
| 11 | bis(2-ethylhexyl)adipa   | 22:18  | 1338  | Auto | 15,381    | 4,248     |
| 12 | bis(2-ethylhexyl)phtha   | 23:13  | 1393  | Auto | 137,641   | 32,829    |
| 13 | 2,6-dinitrotoluene       | 12:11  | 731   | Auto | 21,134    | 9,800     |
| 14 | 2,4-dinitrotoluene       | 13:18  | 798   | Auto | 968       | 968       |

## Quantitation Report

Quanfile: 23272111

Quan Entries: 14

Comment: BOHLK; METHOD 525; INST 204; 10/08/01; SAMPLE 23272

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 | 751   | 12:31  | BB | 5.000       | UG/L  |
| 2   | phenanthrene d-10 (IS)      | I | 1034  | 17:14  | BV | 5.000       | UG/L  |
| 3   | chrysene d-12 (IS)          | I | 1376  | 22:56  | BB | 5.000       | UG/L  |
| 4   | p-terphenyl d-14 (IS)       | I | 1261  | 21:01  | BB | 5.000       | UG/L  |
| 5   | acenaphthene d-10 (SURR)    | A | 751   | 12:31  | BB | 3.341       | UG/L  |
| 6   | phenanthrene d-10 (SURR)    | A | 1034  | 17:14  | BV | 3.711       | UG/L  |
| 7   | chrysene d-12 (SURR)        | A | 1376  | 22:56  | BB | 3.741       | UG/L  |
| 8   | 1,3-dimethyl-2-nitrobenzene | A | 491   | 8:11   | BB | 5.009       | UG/L  |
| 9   | triphenyl phosphate (S)     | A | 1338  | 22:18  | BB | 5.333       | UG/L  |
| 10  | perylene d-12 (SURR)        | A | 1647  | 27:27  | BB | 6.970       | UG/L  |
| 16  | bis(2-ethylhexyl)adipate    | A | 1338  | 22:18  | MM | 0.060       | UG/L  |
| 17  | bis(2-ethylhexyl)phthalate  | A | 1393  | 23:13  | VB | 0.280       | UG/L  |
| 20  | 2,6-dinitrotoluene          | A | 731   | 12:11  | BB | 0.191       | UG/L  |
| 21  | 2,4-dinitrotoluene          | A | 798   | 13:18  | BB | 0.008       | UG/L  |

reviewed IS/surr's  
manually checked for Smaxine  
at mass 201 - N.P.

**Comments for Sample AD23272 - Analysis \$525**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 10-17-2001 Time: 12:44:01

The recoveries for two of the eighteen compounds in the MDL Standard were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.