

User: Bohik, Ted  
Westchester Dept. of Labs & Research  
Date: 11/14/2001 Time: 10:55:22

Sample: AD24478  
Analysis: \$525 Organic Chemicals - 525.2  
Units: ug  
Started: 10/16/99 10:44 Ended: 10/31/01 10:44 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  |           | 0.10 |
| 5  | Alachlor                        |      | < MDL  |           | 0.20 |
| 6  | bis(2-Ethylhexyl)adipate        |      | < MDL  |           | 0.60 |
| 7  | bis(2-Ethylhexyl)phthalate      |      | 0.70   |           | 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        |      | 5.7    |           | 1.0  |
| 21 | Surr_Perylene-d12               |      | 4.2    |           | 1.0  |

## Chromatogram Plot

File: E:\24478

Date: Oct-31-1991 23:10:51

Comment: BOHLK; METHOD 525; INST 204; 10/31/01; SAMPLE 24478

Scan No: 1

Retention Time: 0:01

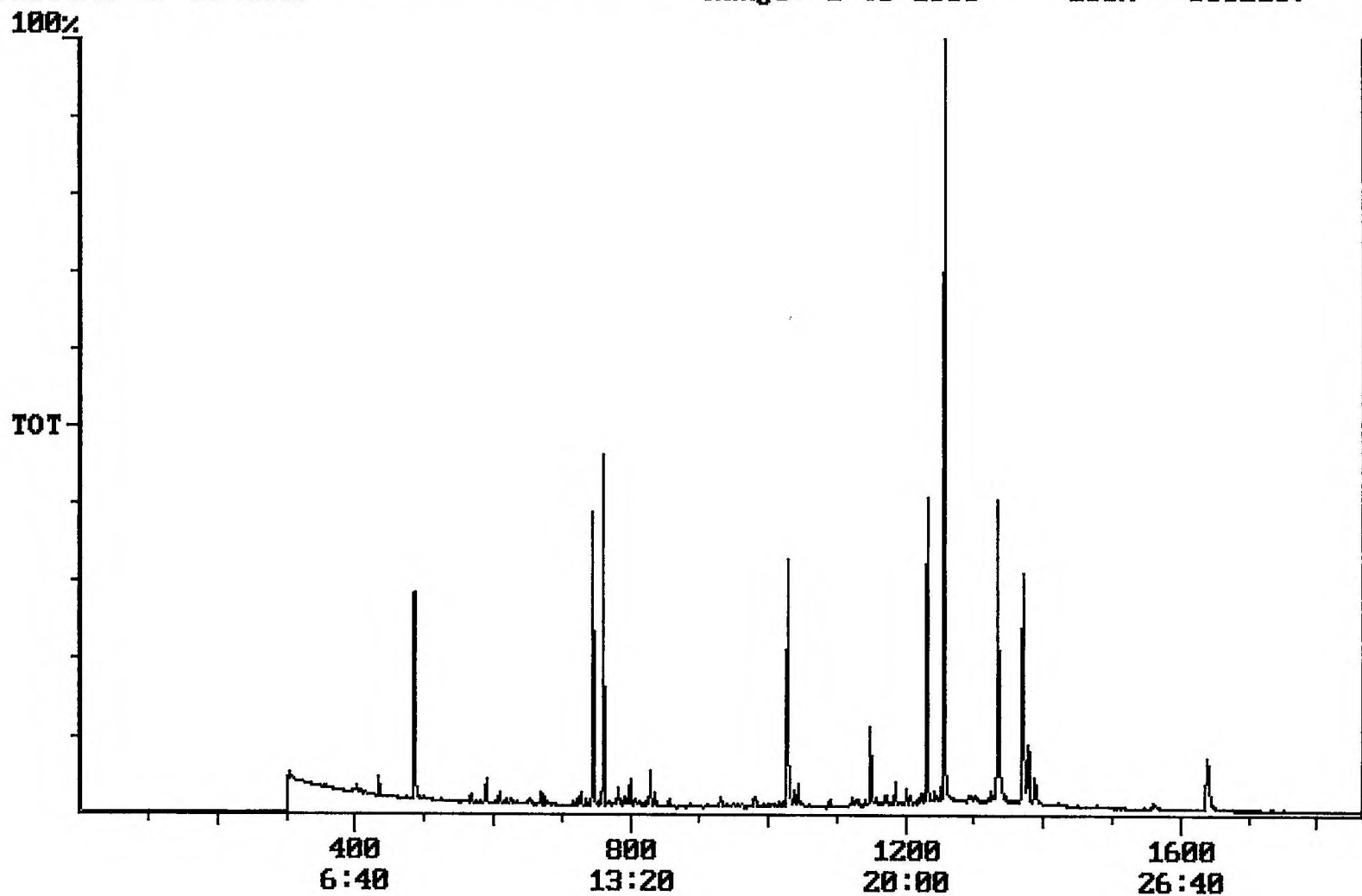
RIC: 0

Mass Range: 0 - 0

Plotted: 1 to 1860

Range: 1 to 1860

100% = 6502167



Integration Report      Quanfile: 24478      Quan Entries: 13  
 Comment: BOHLK; METHOD 525; INST 204; 10/31/01; SAMPLE 24478  
 Sorted via: Entry Number ↑

| No | Name of Compound            | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|-----------------------------|--------|-------|------|-----------|-----------|
| 1  | acenaphthene d-10 (IS)      | 12:26  | 746   | Auto | 1,097,682 | 544,811   |
| 2  | phenanthrene d-10 (IS)      | 17:07  | 1027  | Auto | 1,681,461 | 711,756   |
| 3  | chrysene d-12 (IS)          | 22:50  | 1370  | Auto | 1,256,916 | 503,465   |
| 4  | p-terphenyl d-14 (IS)       | 20:57  | 1257  | Auto | 3,240,175 | 2,006,626 |
| 5  | acenaphthene d-10 (SURR)    | 12:26  | 746   | Auto | 1,097,682 | 544,811   |
| 6  | phenanthrene d-10 (SURR)    | 17:07  | 1027  | Auto | 1,681,461 | 711,756   |
| 7  | chrysene d-12 (SURR)        | 22:50  | 1370  | Auto | 1,256,916 | 503,465   |
| 8  | 1,3-dimethyl-2-nitrobenzene | 8:06   | 486   | Auto | 689,818   | 275,742   |
| 9  | triphenyl phosphate (S)     | 22:13  | 1333  | Auto | 974,397   | 369,522   |
| 10 | perylene d-12 (SURR)        | 27:18  | 1638  | Auto | 661,648   | 116,166   |
| 11 | bis(2-ethylhexyl)adipate    | 22:05  | 1325  | Auto | 30,008    | 3,928     |
| 12 | bis(2-ethylhexyl)phthalate  | 23:08  | 1388  | Auto | 273,265   | 61,220    |
| 13 | 2,6-dinitrotoluene          | 12:05  | 725   | Auto | 19,140    | 11,465    |

## Quantitation Report

Quanfile: 24478

Quan Entries: 13

Comment: BOHLK; METHOD 525; INST 204; 10/31/01; SAMPLE 24478

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 | 746   | 12:26  | BB | 5.000       | UG/L  |
| 2   | phenanthrene d-10 (IS)      | I | 1027  | 17:07  | BV | 5.000       | UG/L  |
| 3   | chrysene d-12 (IS)          | I | 1370  | 22:50  | BB | 5.000       | UG/L  |
| 4   | p-terphenyl d-14 (IS)       | I | 1257  | 20:57  | BB | 5.000       | UG/L  |
| 5   | acenaphthene d-10 (SURR)    | A | 746   | 12:26  | BB | 2.681       | UG/L  |
| 6   | phenanthrene d-10 (SURR)    | A | 1027  | 17:07  | BV | 2.800       | UG/L  |
| 7   | chrysene d-12 (SURR)        | A | 1370  | 22:50  | BB | 2.869       | UG/L  |
| 8   | 1,3-dimethyl-2-nitrobenzene | A | 486   | 8:06   | BB | 5.140       | UG/L  |
| 9   | triphenyl phosphate (S)     | A | 1333  | 22:13  | BB | 5.688       | UG/L  |
| 10  | perylene d-12 (SURR)        | A | 1638  | 27:18  | BB | 4.186       | UG/L  |
| 16  | bis(2-ethylhexyl)adipate    | A | 1325  | 22:05  | MM | 0.131       | UG/L  |
| 17  | bis(2-ethylhexyl)phthalate  | A | 1388  | 23:08  | VB | 0.695       | UG/L  |
| 20  | 2,6-dinitrotoluene          | A | 725   | 12:05  | BB | 0.279       | UG/L  |

reviewed IS/surr's

**Comments for Sample AD24478 - Analysis \$525**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-18-2001 Time: 10:46:45

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. Recoveries for 4 of the 18 compounds in one of the Spiked Samples were below their acceptance ranges.