

User: Bohlk, Ted  
Westchester Dept. of Labs & Research  
Date: 10/12/2001 Time: 12:44:20

Sample: AD23319  
Analysis: \$M\_525 Organic Chemicals - 525.2; mdl  
Units: ug  
Started: 10/1/01 12:37 Ended: 10/8/01 12:37 Analyst: TB  
Result source: manual entry  
Page: 1

|    | Component Name                  | Viol | Result | Qualifier | MDL  |
|----|---------------------------------|------|--------|-----------|------|
| 1  | Hexachlorocyclopentadiene       |      | 0.15   |           | 0.10 |
| 2  | Hexachlorobenzene               |      | 0.20   |           | 0.10 |
| 3  | Simazine                        |      | 0.23   |           | 0.07 |
| 4  | Atrazine                        |      | 0.20   |           | 0.10 |
| 5  | Alachlor                        |      | 0.22   |           | 0.20 |
| 6  | bis(2-Ethylhexyl)adipate        |      | 0.23   |           | 0.60 |
| 7  | bis(2-Ethylhexyl)phthalate      |      | 1.3    |           | 0.60 |
| 8  | Benzo(a)pyrene                  |      | 0.15   |           | 0.20 |
| 9  | EPTC                            |      | 0.89   |           | 1.0  |
| 10 | 2,6-Dinitrotoluene              |      | 2.3    |           | 2.0  |
| 11 | 2,4-Dinitrotoluene              |      | 2.3    |           | 2.0  |
| 12 | Molinate                        |      | 1.1    |           | 0.90 |
| 13 | Terbacil                        |      | 2.5    |           | 2.0  |
| 14 | Acetochlor                      |      | 1.9    |           | 2.0  |
| 15 | Metribuzin                      |      | 0.16   |           | 0.15 |
| 16 | Metolachlor                     |      | 0.23   |           | 0.75 |
| 17 | Butachlor                       |      | 0.22   |           | 0.40 |
| 18 | 4,4-DDE                         |      | 0.73   |           | 0.80 |
| 19 | Surr_1,3-Dimethyl-2-nitrobenzen |      | 5.3    |           |      |
| 20 | Surr_Triphenyl phosphate        |      | 5.0    |           |      |
| 21 | Surr_Perylene-d12               |      | 7.4    |           |      |

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 Result source: calculation  
 Page: 1

|    | Component Name                  | Viol | Result   | Qualifier | MDL  |
|----|---------------------------------|------|----------|-----------|------|
| 1  | Hexachlorocyclopentadiene       |      | 75       |           | 0.10 |
| 2  | Hexachlorobenzene               |      | 100      |           | 0.10 |
| 3  | Simazine                        |      | 115      |           | 0.07 |
| 4  | Atrazine                        |      | 100      |           | 0.10 |
| 5  | Alachlor                        |      | 110      |           | 0.20 |
| 6  | bis(2-Ethylhexyl)adipate        |      | 115      |           | 0.60 |
| 7  | bis(2-Ethylhexyl)phthalate *    |      | 650      |           | 0.60 |
| 8  | Benzo(a)pyrene                  |      | 75       |           | 0.20 |
| 9  | EPTC                            |      | 98.88889 |           | 1.0  |
| 10 | 2,6-Dinitrotoluene              |      | 115      |           | 2.0  |
| 11 | 2,4-Dinitrotoluene              |      | 115      |           | 2.0  |
| 12 | Molinate                        |      | 110      |           | 0.90 |
| 13 | Terbacil                        |      | 125      |           | 2.0  |
| 14 | Acetochlor                      |      | 95       |           | 2.0  |
| 15 | Metribuzin                      |      | 80       |           | 0.15 |
| 16 | Metolachlor                     |      | 115      |           | 0.75 |
| 17 | Butachlor                       |      | 110      |           | 0.40 |
| 18 | 4,4-DDE                         |      | 91.25    |           | 0.80 |
| 19 | Surr_1,3-Dimethyl-2-nitrobenzen |      | 106      |           |      |
| 20 | Surr_Triphenyl phosphate        |      | 100      |           |      |
| 21 | Surr_Perylene-d12 *             |      | 148      |           |      |

→ flag.

→ ~~flag~~ NA

## Chromatogram Plot

File: F:\MDLA1008

Date: Oct-08-1991 19:24:56

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

Scan No: 1

Retention Time: 0:01

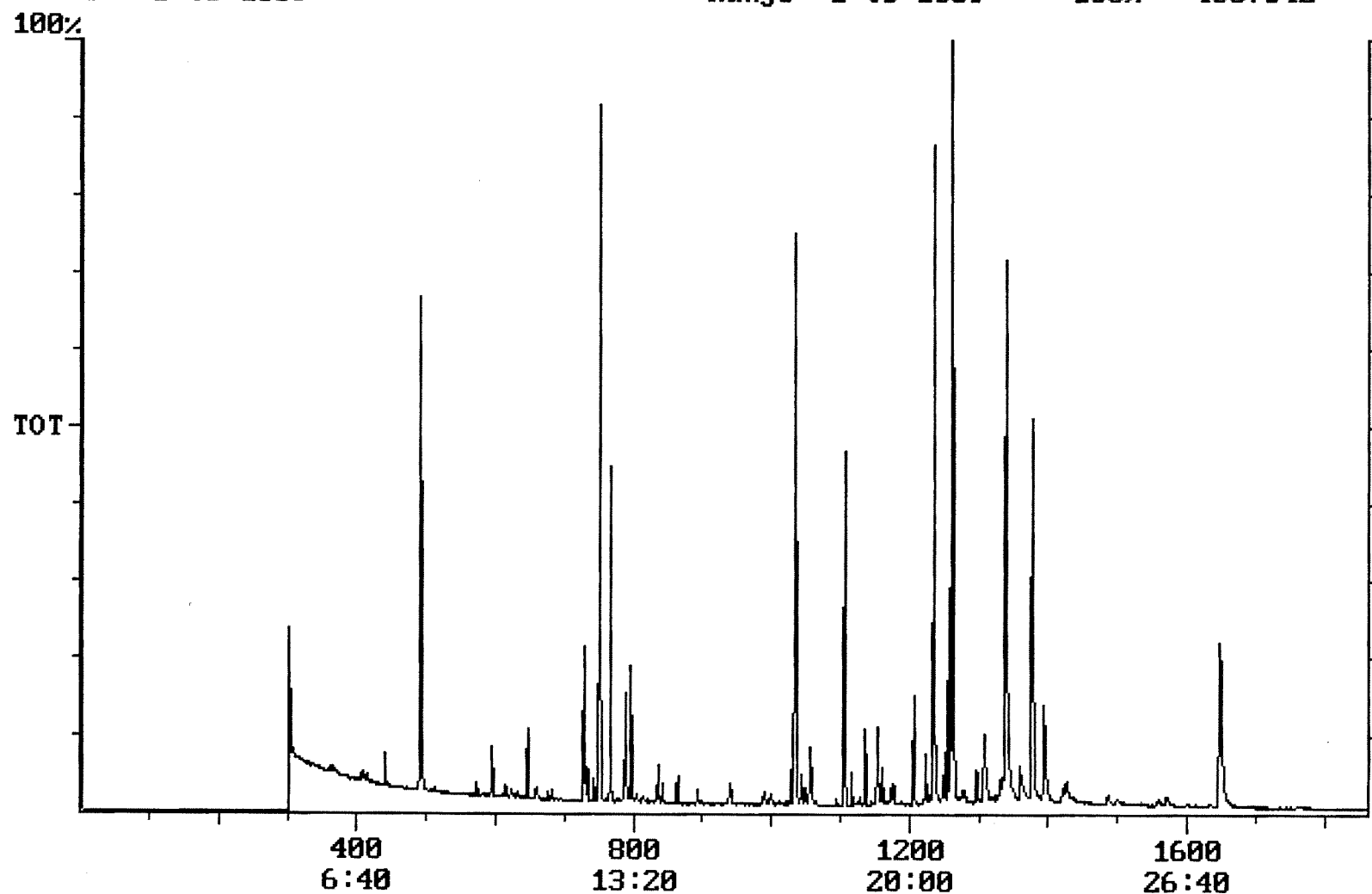
RIC: 0

Mass Range: 0 - 0

Plotted: 1 to 1859

Range: 1 to 1859

100% = 4367342



## Integration Report

Quanfile: MDLA1008

Quan Entries: 28

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

Sorted via: Entry Number ↑

| No | Name of Compound            | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|-----------------------------|--------|-------|------|-----------|-----------|
| 3  | chrysene d-12(IS)           | 22:55  | 1375  | Auto | 1,695,432 | 650,908   |
| 4  | p-terphenyl d-14(IS)        | 21:00  | 1260  | Auto | 2,712,000 | 1,219,362 |
| 5  | acenaphthene d-10(SURR)     | 12:31  | 751   | Auto | 1,451,184 | 937,376   |
| 6  | phenanthrene d-10(SURR)     | 17:14  | 1034  | Auto | 2,475,581 | 1,136,904 |
| 7  | chrysene d-12 (SURR)        | 22:55  | 1375  | Auto | 1,695,432 | 650,908   |
| 8  | 1,3-dimethyl-2-nitrobenzene | 8:11   | 491   | Auto | 893,247   | 426,136   |
| 9  | triphenyl phosphate (S)     | 22:18  | 1338  | Auto | 1,245,058 | 446,903   |
| 10 | perylene d-12 (SURR)        | 27:28  | 1648  | Auto | 1,479,314 | 287,294   |
| 11 | hexachlorocyclopentadiene   | 10:22  | 622   | Auto | 10,119    | 5,674     |
| 12 | hexachlorobenzene           | 15:41  | 941   | Auto | 37,278    | 14,799    |
| 13 | simazine                    | 16:28  | 988   | Auto | 26,063    | 5,388     |
| 14 | atrazine                    | 16:39  | 999   | Auto | 15,629    | 4,892     |
| 15 | alachlor                    | 18:36  | 1116  | Auto | 35,010    | 17,699    |
| 16 | bis(2-ethylhexyl)adipate    | 22:10  | 1330  | Auto | 59,729    | 12,694    |
| 17 | bis(2-ethylhexyl)phthalate  | 23:13  | 1393  | Auto | 646,665   | 154,228   |
| 18 | benzo(a)pyrene              | 27:13  | 1633  | Auto | 45,945    | 5,609     |
| 19 | eptc                        | 10:46  | 646   | Auto | 618,419   | 389,380   |
| 20 | 2,6-dinitrotoluene          | 12:08  | 728   | Auto | 233,060   | 120,284   |
| 21 | 2,4-dinitrotoluene          | 13:08  | 788   | Auto | 299,037   | 105,157   |
| 22 | moline                      | 13:16  | 796   | Auto | 312,859   | 192,551   |
| 23 | terbacil                    | 17:37  | 1057  | Auto | 189,299   | 59,185    |
| 24 | acetochlor                  | 18:25  | 1105  | Auto | 230,655   | 142,558   |
| 25 | metribuzin                  | 18:27  | 1107  | Auto | 25,909    | 11,276    |
| 26 | metolachlor                 | 19:20  | 1160  | Auto | 105,869   | 47,685    |
| 27 | butachlor                   | 20:33  | 1233  | Auto | 34,990    | 16,574    |
| 28 | 4,4'-dde                    | 20:56  | 1256  | Auto | 174,237   | 132,942   |

Quantitation Report      Quanfile: MDLA1008  
 Comment: BOHLK; METHOD 525; INST 204; 10/08/01; MDL  
 Sorted via: Entry Number ↑

Quan Entries: 28

(S) = Standard

| Cal | Name of Compound            | S | Scan# | R Time | Me | Calc Amt(A) | Units |
|-----|-----------------------------|---|-------|--------|----|-------------|-------|
| 3   | chrysene d-12(IS)           | I | 1375  | 22:55  | BB | 5.000       | UG/L  |
| 4   | p-terphenyl d-14(IS)        | I | 1260  | 21:00  | BB | 5.000       | UG/L  |
| 5   | acenaphthene d-10(SURR)     | A | 751   | 12:31  | BB | 3.389       | UG/L  |
| 6   | phenanthrene d-10(SURR)     | A | 1034  | 17:14  | BV | 4.113       | UG/L  |
| 7   | chrysene d-12 (SURR)        | A | 1375  | 22:55  | BB | 4.242       | UG/L  |
| 8   | 1,3-dimethyl-2-nitrobenzene | A | 491   | 8:11   | BB | 5.286       | UG/L  |
| 9   | triphenyl phosphate (S)     | A | 1338  | 22:18  | BB | 4.969       | UG/L  |
| 10  | perylene d-12 (SURR)        | A | 1648  | 27:28  | BB | 7.382       | UG/L  |
| 11  | hexachlorocyclopentadiene   | A | 622   | 10:22  | BB | 0.153       | UG/L  |
| 12  | hexachlorobenzene           | A | 941   | 15:41  | BB | 0.199       | UG/L  |
| 13  | simazine                    | A | 988   | 16:28  | MM | 0.226       | UG/L  |
| 14  | atrazine                    | A | 999   | 16:39  | BB | 0.202       | UG/L  |
| 15  | alachlor                    | A | 1116  | 18:36  | BB | 0.219       | UG/L  |
| 16  | bis(2-ethylhexyl)adipate    | A | 1330  | 22:10  | MM | 0.228       | UG/L  |
| 17  | bis(2-ethylhexyl)phthalate  | A | 1393  | 23:13  | VB | 1.274       | UG/L  |
| 18  | benzo(a)pyrene              | A | 1633  | 27:13  | MM | 0.154       | UG/L  |
| 19  | epicloric acid              | A | 646   | 10:46  | MM | 0.890       | UG/L  |
| 20  | 2,6-dinitrotoluene          | A | 728   | 12:08  | BB | 2.280       | UG/L  |
| 21  | 2,4-dinitrotoluene          | A | 788   | 13:08  | BB | 2.333       | UG/L  |
| 22  | molinic acid                | A | 796   | 13:16  | BB | 1.125       | UG/L  |
| 23  | terbacil                    | A | 1057  | 17:37  | BB | 2.527       | UG/L  |
| 24  | acetochlor                  | A | 1105  | 18:25  | BB | 1.895       | UG/L  |
| 25  | metribuzin                  | A | 1107  | 18:27  | BB | 0.160       | UG/L  |
| 26  | metolachlor                 | A | 1160  | 19:20  | BB | 0.232       | UG/L  |
| 27  | butachlor                   | A | 1233  | 20:33  | MM | 0.223       | UG/L  |
| 28  | 4,4'-dichlorodiphenyl ether | A | 1256  | 20:56  | BV | 0.729       | UG/L  |

*reversed IS/surrogate*