

User: Bohlk, Ted  
Westchester Dept. of Labs & Research  
Date: 01/03/2002 Time: 14:52:46

Sample: AD27116  
Analysis: \$B1525 Organic Chemicals - 525.2; lab blank  
Units: ug  
Started: 11/14/01 14:48 Ended: 12/1/01 14:48 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-nitrobenze |      | 4.2    |           |      |
| 20 | Surr_Triphenyl phosphate       |      | 4.8    |           |      |
| 21 | Surr_Perylene-d12              |      | 5.3    |           |      |

## Chromatogram Plot

File: E:\LBA1201

Date: Dec-01-1991 10:24:06

Comment: BOHLK; METHOD 525; INST 204; 12/01/01; LB

Scan No: 1

Retention Time: 0:01

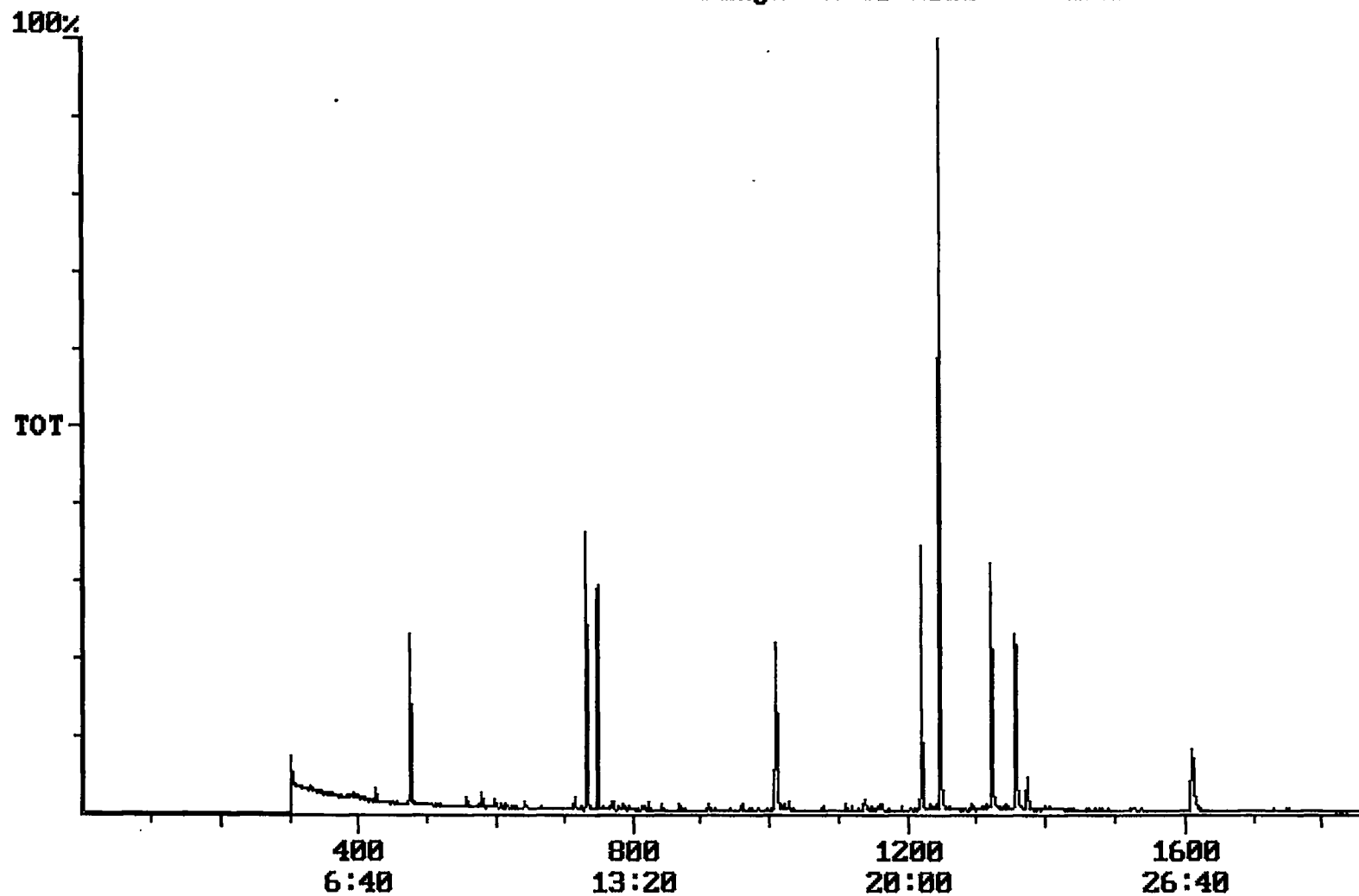
RIC: 0

Mass Range: 0 - 0

Plotted: 1 to 1860

Range: 1 to 1860

100% = 11783822



Integration Report      Quanfile: LBA1201  
 Comment: BOHLK; METHOD 525; INST 204; 12/01/01; LB  
 Sorted via: Entry Number ↑

Quan Entries: 14

| No | Name of Compound            | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|-----------------------------|--------|-------|------|-----------|-----------|
| 1  | acenaphthene d-10 (IS)      | 12:13  | 733   | Auto | 1,695,686 | 1,067,384 |
| 2  | phenanthrene d-10 (IS)      | 16:49  | 1009  | Auto | 2,485,059 | 881,037   |
| 3  | chrysene d-12 (IS)          | 22:36  | 1356  | Auto | 2,101,227 | 817,310   |
| 4  | p-terphenyl d-14 (IS)       | 20:47  | 1247  | Auto | 5,454,567 | 4,005,360 |
| 5  | acenaphthene d-10 (SURR)    | 12:13  | 733   | Auto | 1,695,686 | 1,067,384 |
| 6  | phenanthrene d-10 (SURR)    | 16:49  | 1009  | Auto | 2,485,059 | 881,037   |
| 7  | chrysene d-12 (SURR)        | 22:36  | 1356  | Auto | 2,101,227 | 817,310   |
| 8  | 1,3-dimethyl-2-nitrobenzene | 7:55   | 475   | Auto | 855,311   | 422,927   |
| 9  | triphenyl phosphate (S)     | 22:02  | 1322  | Auto | 1,129,594 | 473,790   |
| 10 | perylene d-12 (SURR)        | 26:51  | 1611  | Auto | 1,291,365 | 232,598   |
| 11 | bis(2-ethylhexyl)adipate    | 22:02  | 1322  | Auto | 24,536    | 6,854     |
| 12 | bis(2-ethylhexyl)phthalate  | 22:53  | 1373  | Auto | 436,096   | 152,581   |
| 13 | 2,6-dinitrotoluene          | 11:53  | 713   | Auto | 20,461    | 11,328    |
| 14 | butachlor                   | 20:23  | 1223  | Auto | 0         | 0         |

*reviewed IS/Surveys*

## Quantitation Report

Quanfile: LBA1201

Quan Entries: 14

Comment: BOHLK; METHOD 525; INST 204; 12/01/01; LB

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 | 733   | 12:13  | BB | 5.000       | UG/L  |
| 2   | phenanthrene d-10 (IS)      | I | 1009  | 16:49  | BV | 5.000       | UG/L  |
| 3   | chrysene d-12(IS)           | I | 1356  | 22:36  | BB | 5.000       | UG/L  |
| 4   | p-terphenyl d-14(IS)        | I | 1247  | 20:47  | BB | 5.000       | UG/L  |
| 5   | acenaphthene d-10(SURR)     | A | 733   | 12:13  | BB | 2.051       | UG/L  |
| 6   | phenanthrene d-10(SURR)     | A | 1009  | 16:49  | BV | 2.092       | UG/L  |
| 7   | chrysene d-12 (SURR)        | A | 1356  | 22:36  | BB | 2.301       | UG/L  |
| 8   | 1,3-dimethyl-2-nitrobenzene | A | 475   | 7:55   | BB | 4.204       | UG/L  |
| 9   | triphenyl phosphate (S)     | A | 1322  | 22:02  | BB | 4.849       | UG/L  |
| 10  | perylene d-12 (SURR)        | A | 1611  | 26:51  | BB | 5.324       | UG/L  |
| 16  | bis(2-ethylhexyl)adipate    | A | 1322  | 22:02  | MM | 0.052       | UG/L  |
| 17  | bis(2-ethylhexyl)phthalate  | A | 1373  | 22:53  | BV | 0.564       | UG/L  |
| 20  | 2,6-dinitrotoluene          | A | 713   | 11:53  | BB | 0.207       | UG/L  |
| 27  | butachlor                   | A | 1223  | 20:23  | BB | 0.001       | UG/L  |

## Chromatogram Plot

File: E:\LBA1204

Date: Dec 04-1991 23:40:19

Comment: BOHLK; METHOD 525; INST 204; 12/04/01; LB REINJECTED

Scan No: 1

Retention Time: 0:01

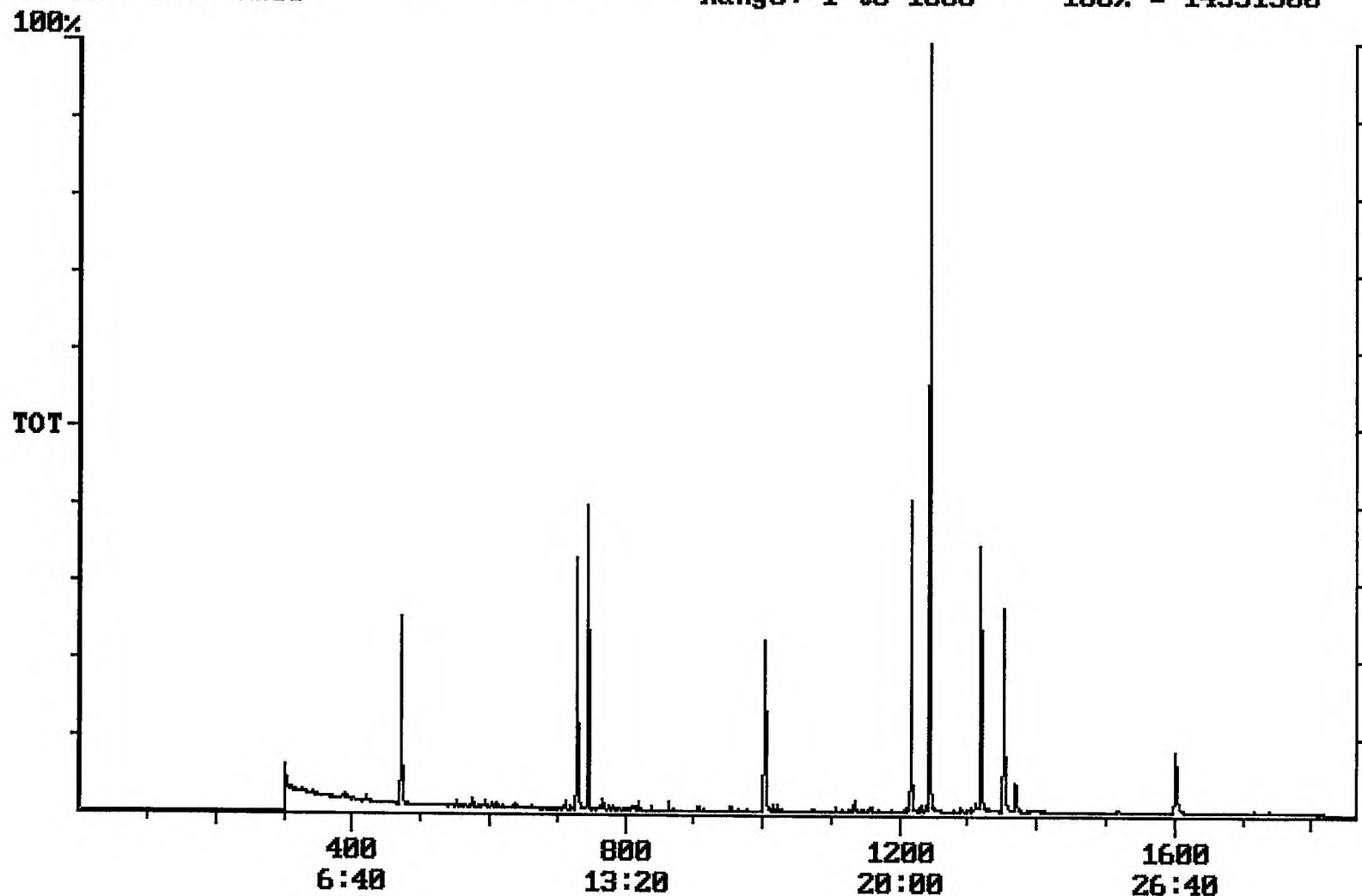
RIC: 0

Mass Range: 0 - 0

Plotted: 1 to 1860

Range: 1 to 1860

100% = 14531500



Integration Report      Quanfile: LBA1204      Quan Entries: 18  
 Comment: BOHLK; METHOD 525; INST 204; 12/04/01; LB REINJECTED  
 Sorted via: Entry Number ↑

| No | Name of Compound            | R Time | Scan# | Mode | Peak Area | Pk Height |
|----|-----------------------------|--------|-------|------|-----------|-----------|
| 1  | acenaphthene d-10 (IS)      | 12:09  | 729   | Auto | 1,961,640 | 1,077,666 |
| 2  | phenanthrene d-10 (IS)      | 16:43  | 1003  | Auto | 3,032,941 | 1,141,732 |
| 3  | chrysene d-12 (IS)          | 22:32  | 1352  | Auto | 2,359,527 | 1,168,751 |
| 4  | p-terphenyl d-14 (IS)       | 20:44  | 1244  | Auto | 6,313,348 | 4,981,846 |
| 5  | acenaphthene d-10 (SURR)    | 12:09  | 729   | Auto | 1,961,640 | 1,077,666 |
| 6  | phenanthrene d-10 (SURR)    | 16:43  | 1003  | Auto | 3,032,941 | 1,141,732 |
| 7  | chrysene d-12 (SURR)        | 22:32  | 1352  | Auto | 2,359,527 | 1,168,751 |
| 8  | 1,3-dimethyl-2-nitrobenzene | 7:51   | 471   | Auto | 1,021,149 | 581,250   |
| 9  | triphenyl phosphate (S)     | 21:58  | 1318  | Auto | 1,234,530 | 703,830   |
| 10 | perylene d-12 (SURR)        | 26:41  | 1601  | Auto | 1,449,682 | 306,733   |
| 11 | simazine                    | 16:07  | 967   | Auto | 0         | 0         |
| 12 | bis(2-ethylhexyl)adipate    | 21:51  | 1311  | Auto | 14,636    | 5,223     |
| 13 | bis(2-ethylhexyl)phthalate  | 22:49  | 1369  | Auto | 492,526   | 165,932   |
| 14 | benzo(a)pyrene              | 26:29  | 1589  | Auto | 3,919     | 1,061     |
| 15 | 2,6-dinitrotoluene          | 11:50  | 710   | Auto | 18,170    | 10,328    |
| 16 | metribuzin                  | 18:08  | 1088  | Auto | 875       | 875       |
| 17 | butachlor                   | 20:17  | 1217  | Auto | 18,164    | 14,406    |
| 18 | 4,4'-dde                    | 20:40  | 1240  | Auto | 2,608     | 1,584     |

## Quantitation Report

Quanfile: LBA1204

Quan Entries: 18

Comment: BOHLK; METHOD 525; INST 204; 12/04/01; LB REINJECTED

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 | 729   | 12:09  | BV | 5.000       | UG/L  |
| 2   | phenanthrene d-10 (IS)   | I | 1003  | 16:43  | BV | 5.000       | UG/L  |
| 3   | chrysene d-12 (IS)       | I | 1352  | 22:32  | BB | 5.000       | UG/L  |
| 4   | p-terphenyl d-14 (IS)    | I | 1244  | 20:44  | BV | 5.000       | UG/L  |
| 5   | acenaphthene d-10 (SURR) | A | 729   | 12:09  | BV | 1.711       | UG/L  |
| 6   | phenanthrene d-10 (SURR) | A | 1003  | 16:43  | BV | 2.067       | UG/L  |
| 7   | chrysene d-12 (SURR)     | A | 1352  | 22:32  | BB | 1.965       | UG/L  |
| 8   | 1,3-dimethyl-2-nitrobe   | A | 471   | 7:51   | BV | 5.579       | UG/L  |
| 9   | triphenyl phosphate (S   | A | 1318  | 21:58  | BB | 5.400       | UG/L  |
| 10  | perylene d-12 (SURR)     | A | 1601  | 26:41  | BB | 4.217       | UG/L  |
| 13  | simazine                 | A | 967   | 16:07  | BB | 0.001       | UG/L  |
| 16  | bis(2-ethylhexyl)adipa   | A | 1311  | 21:51  | MM | 0.042       | UG/L  |
| 17  | bis(2-ethylhexyl)phtha   | A | 1369  | 22:49  | BV | 0.724       | UG/L  |
| 18  | benzo(a)pyrene           | A | 1589  | 26:29  | MM | 0.009       | UG/L  |
| 20  | 2,6-dinitrotoluene       | A | 710   | 11:50  | BB | 0.157       | UG/L  |
| 25  | metribuzin               | A | 1088  | 18:08  | BB | 0.005       | UG/L  |
| 27  | butachlor                | A | 1217  | 20:17  | BB | 0.066       | UG/L  |
| 28  | 4,4'-dde                 | A | 1240  | 20:40  | BB | 0.010       | UG/L  |

## Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\1207LB.D

Acq On : 19 Dec 2001 5:38 am

Sample : 12/7

Misc :

MS Integration Params: BENZO.P

Quant Time: Dec 19 06:15:49 2001

Vial: 14

Operator: McLean

Inst : Instrumen

Multiplr: 1.00

Quant Results File: 121401.RES

Quant Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)

Title : Quantitation For Method 525.2

Last Update : Tue Dec 18 09:35:41 2001

Response via : Initial Calibration

DataAcq Meth : 121401

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 18.20 | 164  | 6082914  | 5.00 | ug/L  | 0.00     |
| 9) Phenanthrene D-10 | 22.53 | 188  | 9220904  | 5.00 | ug/L  | 0.00     |
| 20) Chrysene D-12    | 30.30 | 240  | 6392993  | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |     |          |      |         |      |
|-------------------------------|-------|-----|----------|------|---------|------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 13.13 | 134 | 1486098  | 4.78 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 95.60%  |      |
| 19) Triphenyl Phosphate surr  | 29.58 | 326 | 1547061  | 5.51 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 110.20% |      |
| 21) Perylene D-12 surr        | 34.31 | 264 | 4592362  | 5.43 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 108.60% |      |

## Target Compounds

| 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          | 0.00  | 165  | 0        | N.D. d |        |        |
| 7) 2,4-Dinitotoluene           | 18.95 | 165  | 3426     | 0.32   | ug/L # | 21     |
| 8) Molinate                    | 0.00  | 126  | 0        | N.D. d |        |        |
| 10) Simazine                   | 0.00  | 201  | 0        | N.D.   |        |        |
| 11) Atrazine                   | 0.00  | 200  | 0        | N.D.   |        |        |
| 12) Alachlor                   | 0.00  | 160  | 0        | N.D.   |        |        |
| 13) Terbacil                   | 0.00  | 161  | 0        | N.D. d |        |        |
| 14) Acetochlor                 | 0.00  | 146  | 0        | N.D.   |        |        |
| 15) Metribuzin                 | 0.00  | 198  | 0        | N.D.   |        |        |
| 16) Metolachlor                | 0.00  | 162  | 0        | N.D.   |        |        |
| 17) Butachlor                  | 0.00  | 160  | 0        | N.D. d |        |        |
| 18) 4,4'-DDE                   | 0.00  | 246  | 0        | N.D.   |        |        |
| 22) Bis (2-Ethylhexyl) adipate | 29.52 | 129  | 10675    | 0.39   | ug/L # | 39     |
| 23) Bis (2-Ethylhexyl) phthala | 30.96 | 149  | 576210   | 0.65   | ug/L   | 100    |
| 24) Benzo (a) pyrene           | 0.00  | 252  | 0        | N.D. d |        |        |

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

1207LB.D 121401.M Wed Dec 19 13:43:42 2001

LB 1

for

Re-septs

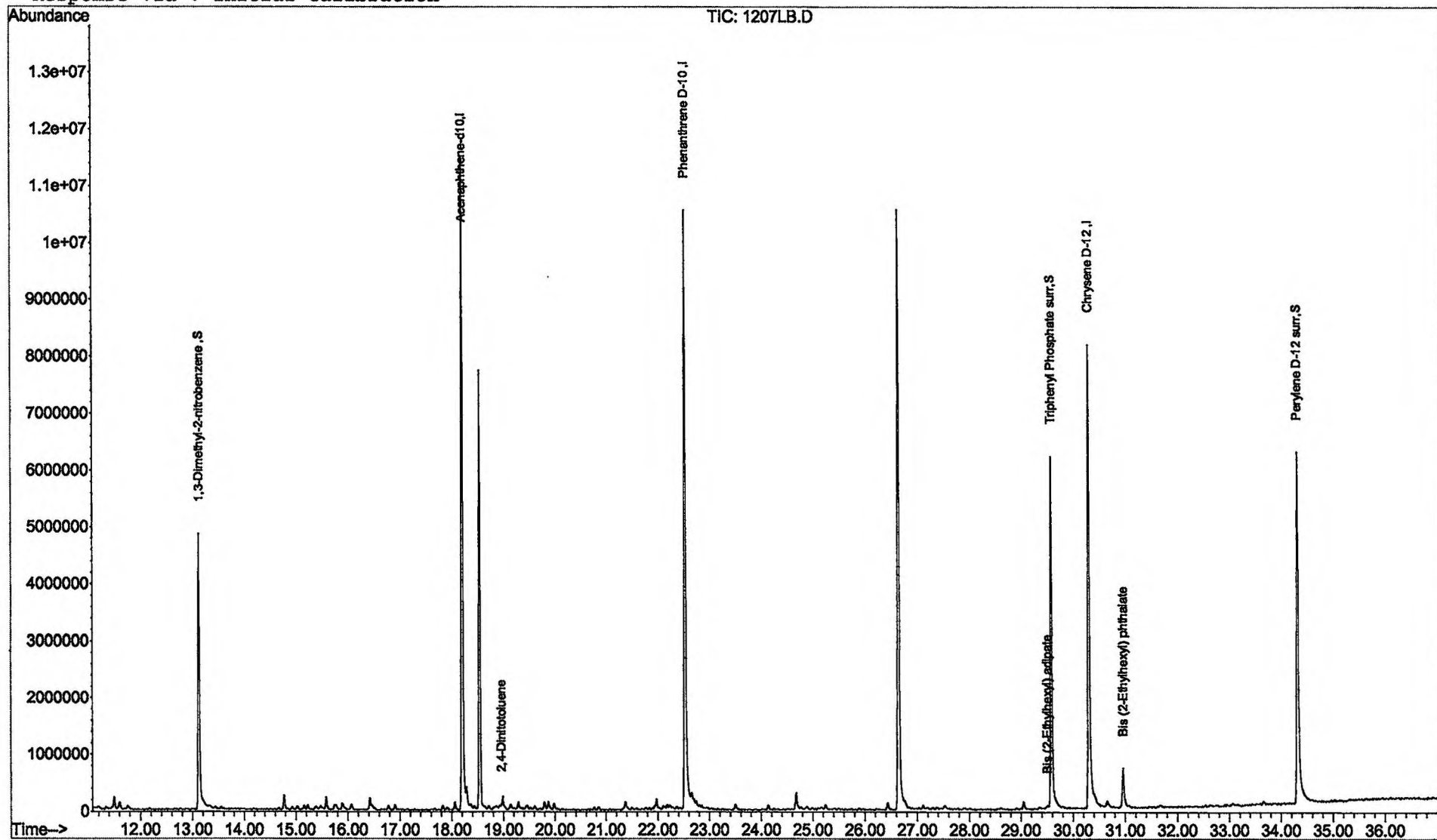
Quantitation report (QI reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\1207LB.D  
 Acq On : 19 Dec 2001 5:38 am  
 Sample : 12/7  
 Misc :  
 MS Integration Params: BENZO.P  
 Quant Time: Dec 19 13:43 2001

Vial: 14  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: 121401.RES

Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)  
 Title : Quantitation For Method 525.2  
 Last Update : Tue Dec 18 09:35:41 2001  
 Response via : Initial Calibration



## Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\1207LB2.D

Vial: 15

Acq On : 19 Dec 2001 6:23 am

Operator: McLean

Sample : 12/7

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Dec 19 07:00:48 2001

Quant Results File: 121401.RES

Quant Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)

Title : Quantitation For Method 525.2

Last Update : Tue Dec 18 09:35:41 2001

Response via : Initial Calibration

DataAcq Meth : 121401

| Internal Standards   | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------|-------|------|----------|------|-------|----------|
| 1) Acenaphthene-d10  | 18.20 | 164  | 6744208  | 5.00 | ug/L  | 0.00     |
| 9) Phenanthrene D-10 | 22.53 | 188  | 9712660  | 5.00 | ug/L  | 0.00     |
| 20) Chrysene D-12    | 30.30 | 240  | 6708820  | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |       |     |          |      |         |      |
|-------------------------------|-------|-----|----------|------|---------|------|
| 2) 1,3-Dimethyl-2-nitrobenzen | 13.13 | 134 | 1639998  | 4.75 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 95.00%  |      |
| 19) Triphenyl Phosphate surr  | 29.58 | 326 | 1724120  | 5.83 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 116.60% |      |
| 21) Perylene D-12 surr        | 34.31 | 264 | 4623745  | 5.21 | ug/L    | 0.00 |
| Spiked Amount                 | 5.000 |     | Recovery | =    | 104.20% |      |

## 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          | 0.00  | 165  | 0        | N.D. d |        |        |
| 7) 2,4-Dinitrotoluene          | 18.95 | 165  | 6290     | 0.32   | ug/L # | 49     |
| 8) Molinate                    | 18.98 | 126  | 8337     | 0.01   | ug/L # | 1      |
| 10) Simazine                   | 0.00  | 201  | 0        | N.D.   |        |        |
| 11) Atrazine                   | 0.00  | 200  | 0        | N.D.   |        |        |
| 12) Alachlor                   | 0.00  | 160  | 0        | N.D.   |        |        |
| 13) Terbacil                   | 0.00  | 161  | 0        | N.D. d |        |        |
| 14) Acetochlor                 | 0.00  | 146  | 0        | N.D.   |        |        |
| 15) Metribuzin                 | 0.00  | 198  | 0        | N.D.   |        |        |
| 16) Metolachlor                | 0.00  | 162  | 0        | N.D.   |        |        |
| 17) Butachlor                  | 0.00  | 160  | 0        | N.D. d |        |        |
| 18) 4,4'-DDE                   | 0.00  | 246  | 0        | N.D.   |        |        |
| 22) Bis (2-Ethylhexyl) adipate | 29.52 | 129  | 10008    | 0.39   | ug/L # | 1      |
| 23) Bis (2-Ethylhexyl) phthala | 30.96 | 149  | 443884   | 0.58   | ug/L   | 93     |
| 24) Benzo (a) pyrene           | 0.00  | 252  | 0        | N.D. d |        |        |

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

1207LB2.D 121401.M Wed Dec 19 13:44:40 2001

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\1207LB2.D  
 Acq On : 19 Dec 2001 6:23 am  
 Sample : 12/7  
 Misc :  
 MS Integration Params: BENZO.P  
 Quant Time: Dec 19 13:44 2001

Vial: 15  
 Operator: McLean  
 Inst : Instrumen  
 Multiplr: 1.00

Quant Results File: 121401.RES

Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)  
 Title : Quantitation For Method 525.2  
 Last Update : Tue Dec 18 09:35:41 2001  
 Response via : Initial Calibration

