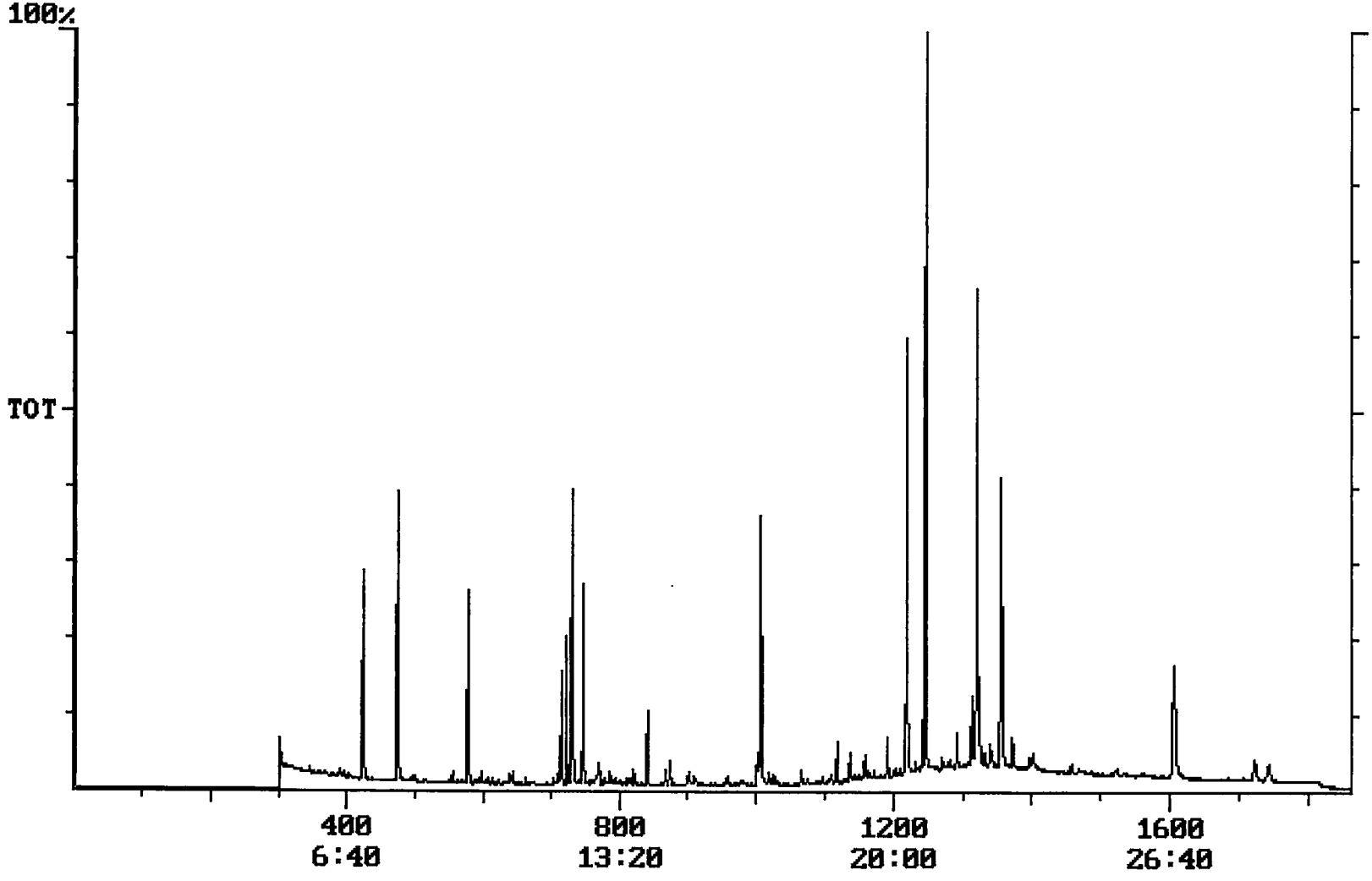
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:42:39

Sample: AD27826
Analysis: $525 Organic Chemicals - 525.2
Units: ug
Started: 11/20/01 15:34 Ended: 12/6/01 15:34 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 | | 5.1 | | 1.0 |
| 20 | Surr_Triphenyl phosphate | | 5.6 | | 1.0 |
| 21 | Surr_Perylene-d12 | | 4.3 | | 1.0 |

Chromatogram Plot File: E:\27826MM Date: Dec-07-1991 13:07:28
Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 27826
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1859 Range: 1 to 1859 100% = 15519375



Integration Report  Quanfile: 27826MM  Quan Entries: 20
Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 27826
Sorted via: Entry Number ↑

| No | Name of Compound | R Time | Scan# | Mode | Peak Area | Pk Height |
|---|---|---|---|---|---|---|
| 1 | acenaphthene d-10(IS) | 12:11 | 731 | Auto | 3,421,419 | 1,624,430 |
| 2 | phenanthrene d-10 (IS) | 16:46 | 1006 | Auto | 5,056,267 | 1,998,453 |
| 3 | chrysene d-12(IS) | 22:34 | 1354 | Auto | 4,113,588 | 1,857,417 |
| 4 | p-terphenyl d-14(IS) | 20:46 | 1246 | Auto | 7,565,884 | 5,015,713 |
| 5 | acenaphthene d-10(SURR | 12:11 | 731 | Auto | 3,421,419 | 1,624,430 |
| 6 | phenanthrene d-10(SURR | 16:46 | 1006 | Auto | 5,056,267 | 1,998,453 |
| 7 | chrysene d-12 (SURR) | 22:34 | 1354 | Auto | 4,113,588 | 1,857,417 |
| 8 | 1,3-dimethyl-2-nitrobe | 7:53 | 473 | Auto | 1,630,495 | 912,664 |
| 9 | triphenyl phosphate (S | 22:00 | 1320 | Auto | 2,218,428 | 1,370,878 |
| 10 | perylene d-12 (SURR) | 26:46 | 1606 | Auto | 2,564,572 | 556,777 |
| 11 | hexachlorocyclopentadi | 10:03 | 603 | Auto | 1,799 | 1,799 |
| 12 | hexachlorobenzene | 15:11 | 911 | Auto | 6,891 | 2,498 |
| 13 | simazine | 15:49 | 949 | Auto | 0 | 0 |
| 14 | bis(2-ethylhexyl)adipa | 21:52 | 1312 | Auto | 65,849 | 27,321 |
| 15 | bis(2-ethylhexyl)phtha | 22:51 | 1371 | Auto | 400,617 | 179,620 |
| 16 | benzo(a)pyrene | 26:32 | 1592 | Auto | 2,254 | 1,207 |
| 17 | 2,6-dinitrotoluene | 11:52 | 712 | Auto | 75,219 | 38,886 |
| 18 | 2,4-dinitrotoluene | 13:01 | 781 | Auto | 22,543 | 3,889 |
| 19 | butachlor | 20:19 | 1219 | Auto | 50,570 | 26,388 |
| 20 | 4,4'-dde | 20:41 | 1241 | Auto | 7,466 | 4,190 |

reviewed IS/Surr's

Quantitation Report  Quanfile: 27826MM  Quan Entries: 20
Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 27826
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 | 731 | 12:11 | BV | 5.000 | UG/L |
| 2 | phenanthrene d-10 (IS) | I | 1006 | 16:46 | BV | 5.000 | UG/L |
| 3 | chrysene d-12(IS) | I | 1354 | 22:34 | VV | 5.000 | UG/L |
| 4 | p-terphenyl d-14(IS) | I | 1246 | 20:46 | BB | 5.000 | UG/L |
| 5 | acenaphthene d-10(SURR | A | 731 | 12:11 | BV | 2.490 | UG/L |
| 6 | phenanthrene d-10(SURR | A | 1006 | 16:46 | BV | 2.875 | UG/L |
| 7 | chrysene d-12 (SURR) | A | 1354 | 22:34 | VV | 2.858 | UG/L |
| 8 | 1,3-dimethyl-2-nitrobe | A | 473 | 7:53 | BV | 5.107 | UG/L |
| 9 | triphenyl phosphate (S | A | 1320 | 22:00 | BV | 5.566 | UG/L |
| 10 | perylene d-12 (SURR) | A | 1606 | 26:46 | VV | 4.279 | UG/L |
| 11 | hexachlorocyclopentadi | A | 603 | 10:03 | BB | 0.013 | UG/L |
| 12 | hexachlorobenzene | A | 911 | 15:11 | BB | 0.020 | UG/L |
| 13 | simazine | A | 949 | 15:49 | BB | 0.001 | UG/L |
| 16 | bis(2-ethylhexyl)adipa | A | 1312 | 21:52 | MM | 0.108 | UG/L |
| 17 | bis(2-ethylhexyl)phtha | A | 1371 | 22:51 | MM | 0.333 | UG/L |
| 18 | benzo(a)pyrene | A | 1592 | 26:32 | BB | 0.003 | UG/L |
| 20 | 2,6-dinitrotoluene | A | 712 | 11:52 | BB | 0.373 | UG/L |
| 21 | 2,4-dinitrotoluene | A | 781 | 13:01 | MM | 0.104 | UG/L |
| 27 | butachlor | A | 1219 | 20:19 | BB | 0.111 | UG/L |
| 28 | 4,4'-dde | A | 1241 | 20:41 | BB | 0.017 | UG/L |

**Comments for Sample AD27826 - Analysis $525**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-23-2002 Time: 09:34:56

The recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 2 of the 18 compounds in the Spiked Sample were below their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 64%. This may be because the injection port is set at 280 degrees Celcius. An investigation will be performed to evaluate injection port parameters.