

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 09/17/2001 Time: 17:47:26

Sample: AD22170
Analysis: \$525 Organic Chemicals - 525.2
Units: ug
Started: 9/12/01 17:41 Ended: 9/15/01 17:41 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		0.64		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		5.4		
20	Surr_Triphenyl phosphate		6.0		
21	Surr_Perylene-d12		4.6		

Chromatogram Plot

File: E:\22170E

Date: Sep-15-1991 22:43:48

Comment: BOHLK; METHOD 525; INST 204; 09/15/01; SAMPLE 22170

Scan No: 1

Retention Time: 0:01

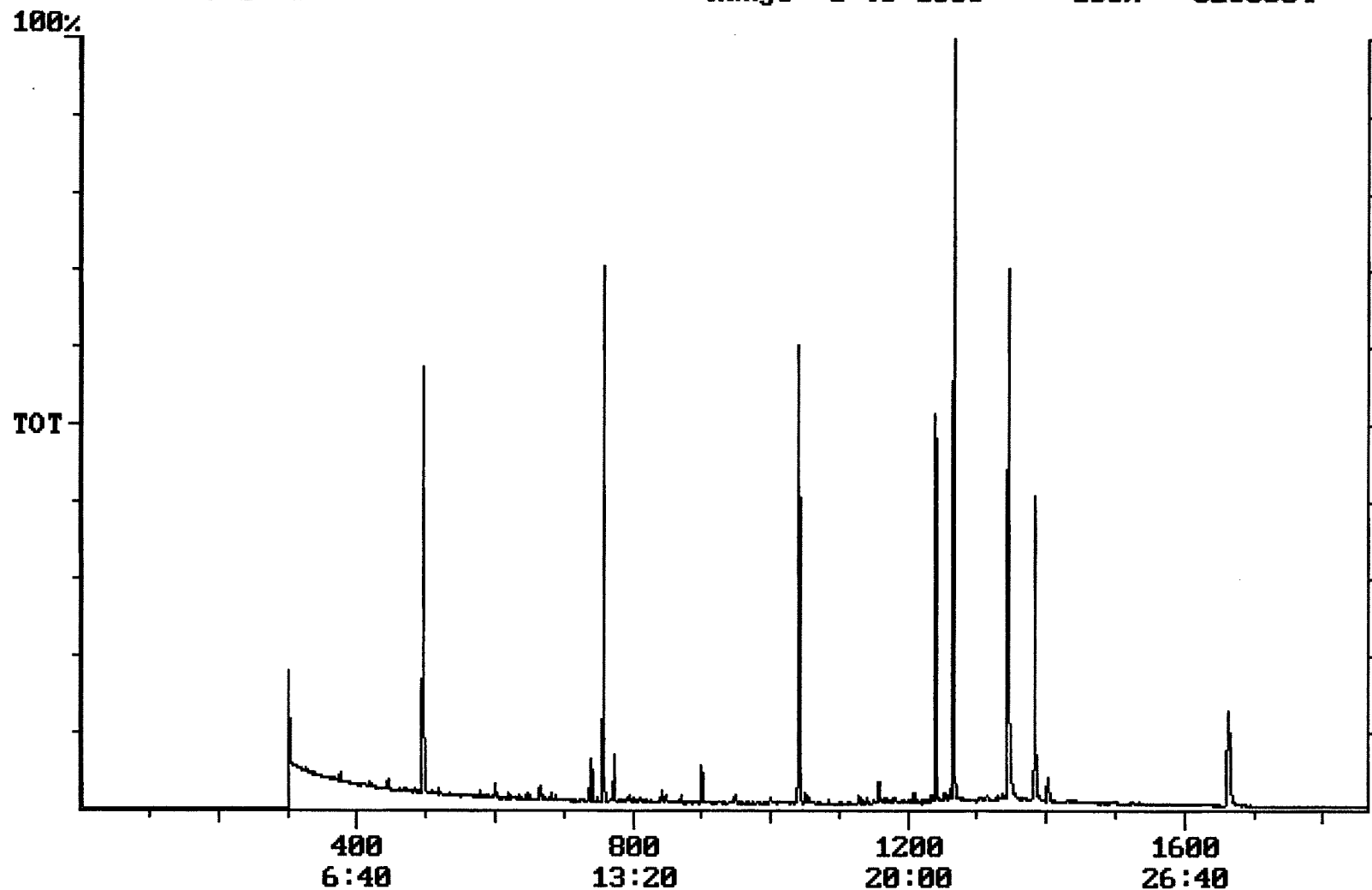
RIC: 0

Mass Range: 0 - 0

Plotted: 1 to 1860

Range: 1 to 1860

100% = 3203504



Integration Report

Quanfile: 22170E

Quan Entries: 13

Comment: BOHLK; METHOD 525; INST 204; 09/15/01; SAMPLE 22170

Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:37	757	Auto	762,377	525,862
2	phenanthrene d-10 (IS)	17:22	1042	Auto	1,261,523	638,957
3	chrysene d-12(IS)	23:03	1383	Auto	911,030	380,988
4	p-terphenyl d-14(IS)	21:06	1266	Auto	1,481,506	1,101,904
5	acenaphthene d-10(SURR)	12:37	757	Auto	762,377	525,862
6	phenanthrene d-10(SURR)	17:22	1042	Auto	1,261,523	638,957
7	chrysene d-12 (SURR)	23:03	1383	Auto	911,030	380,988
8	1,3-dimethyl-2-nitrobenzene	8:16	496	Auto	499,544	272,814
9	triphenyl phosphate (S)	22:25	1345	Auto	764,295	345,295
10	perylene d-12 (SURR)	27:43	1663	Auto	543,411	104,522
11	bis(2-ethylhexyl)phthalate	23:21	1401	Auto	134,445	31,584
12	2,6-dinitrotoluene	12:16	736	Auto	19,171	9,520
13	2,4-dinitrotoluene	13:22	802	Auto	2,514	1,434

Quantitation Report

Quanfile: 22170E

Quan Entries: 13

Comment: BOHLK; METHOD 525; INST 204; 09/15/01; SAMPLE 22170

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	757	12:37	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1042	17:22	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1383	23:03	BB	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1266	21:06	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	757	12:37	BB	3.561	UG/L
6	phenanthrene d-10(SURR	A	1042	17:22	BV	3.967	UG/L
7	chrysene d-12 (SURR)	A	1383	23:03	BB	4.004	UG/L
8	1,3-dimethyl-2-nitrobe	A	496	8:16	BB	5.350	UG/L
9	triphenyl phosphate (S	A	1345	22:25	BB	5.995	UG/L
10	perylene d-12 (SURR)	A	1663	27:43	BB	4.647	UG/L
17	bis(2-ethylhexyl)phtha	A	1401	23:21	BB	0.637	UG/L
20	2,6-dinitrotoluene	A	736	12:16	BB	0.402	UG/L
21	2,4-dinitrotoluene	A	802	13:22	BB	0.042	UG/L

Search Results	Datafile: 22170E	Spectrum: 1379	Library: NIST
(1) 1-Triazene, 3,3-dimethyl-1-phenyl- # 8191 Purity: 653 Fit: 698 Rfit: 779 Formula: C8.H11.N3			CAS# 7227-91-0 Mol Wt: 149
(2) Ethanone, 2-chloro-1-phenyl- # 9202 Purity: 427 Fit: 820 Rfit: 515 Formula: C8.H7.Cl.O			CAS# 532-27-4 Mol Wt: 154
(3) Benzoic acid, 3-(1-methylethyl)- # 11545 Purity: 422 Fit: 451 Rfit: 855 Formula: C10.H12.O2			CAS# 5651-47-8 Mol Wt: 164
(4) Benzene, (2-nitroethenyl)- # 8174 Purity: 412 Fit: 443 Rfit: 778 Formula: C8.H7.N.O2			CAS# 102-96-5 Mol Wt: 149
(5) Benzoic acid, 4-formyl- # 8343 Purity: 366 Fit: 389 Rfit: 938 Formula: C8.H6.O3			CAS# 619-66-9 Mol Wt: 150
(6) 5-Hepten-3-yn-2-one, 6-methyl-5-(1-methylethyl)- # 11667 Purity: 362 Fit: 402 Rfit: 687 Formula: C11.H16.O			CAS# 63922-42-9 Mol Wt: 164
(7) Ethanone, 2-(1-methylethoxy)-1,2-diphenyl- # 29529 Purity: 356 Fit: 381 Rfit: 863 Formula: C17.H18.O2			CAS# 6652-28-4 Mol Wt: 254
(8) Benzoic acid, 2-(phenylmethyl)hydrazide # 24725 Purity: 346 Fit: 388 Rfit: 581 Formula: C14.H14.N2.O			CAS# 1215-52-7 Mol Wt: 226
(9) Benzene, (2-methoxy-1-propenyl)- # 8069 Purity: 312 Fit: 365 Rfit: 575 Formula: C10.H12.O			CAS# 10573-32-7 Mol Wt: 148
(10) Benzamide, N-butyl- # 14462 Purity: 307 Fit: 585 Rfit: 481 Formula: C11.H15.N.O			CAS# 2782-40-3 Mol Wt: 177

Comments for Sample AD22170 - Analysis \$525

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 09-18-2001 Time: 08:46:32

The recovery for Terbacil in the LCS Standard was above its acceptance range.