

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/14/2001 Time: 16:13:57

Sample: AD26987
 Analysis: \$B1524 Volatile Organic Compounds-Blank ✓
 Units: ug
 Started: 11/09/01 00:09 Ended: 11/09/01 00:09 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		4.9
2	Surr - 4-BROMOFLUOROBENZE		5.2
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHENE		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS-1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		0.66
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		4.9
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHANE		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHANE		< MDL

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Units: ug
Started: 11/09/01 00:09 Ended: 11/09/01 00:09 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result
48	BROMOFORM		< MDL
49	ISOPROPYLBENZENE		< MDL
50	1,2,3-TRICHLOROPROPANE		< MDL
51	N-PROPYLBENZENE		< MDL
52	BROMOBENZENE		< MDL
53	1,3,5-TRIMETHYLBENZENE		< MDL
54	2-CHLOROTOLUENE		< MDL
55	4-CHLOROTOLUENE		< MDL
56	TERT-BUTYLBENZENE		< MDL
57	1,2,4-TRIMETHYLBENZENE		< MDL
58	SEC-BUTYLBENZENE		< MDL
59	P-ISOROPYLTOLUENE		< MDL
60	1,3-DICHLOROBENZENE		< MDL
61	1,4-DICHLOROBENZENE		< MDL
62	N-BUTYLBENZENE		< MDL
63	1,2-DICHLOROBENZENE		< MDL
64	1,2-DIBROMO-3-CHLOROPROPA		< MDL
65	1,2,4-TRICHLOROBENZENE		< MDL
66	HEXACHLOROBUTADIENE		< MDL
67	NAPHTHALENE		< MDL
68	1,2,3-TRICHLOROBENZENE		< MDL
69	ETHANOL		< MDL
70	NITROBENZENE		< MDL

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\1109BL1.D
 Acq On : 9 Nov 2001 9:44 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 9 10:23 2001

Vial: 5
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.37	114	736909	5.00	ug/L	-0.07
22) CHLOROBENZENE-D5	20.96	117	630447	5.00	ug/L	-0.07
50) 1,4-DICHLOROBENZENE-D4	26.14	152	259908	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.60	65	211962	4.87	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	97.40%	✓
3) 4-BROMOFLUOROBENZENE	23.55	174	199113	5.20	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	104.00%	✓
23) TOLUENE-D8	17.69	98	935825	4.92	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	98.40%	✓
Target Compounds						
7) BROMOMETHANE	6.05	94	2155	0.12	ug/L	Qvalue 76
16) 2-BUTANONE (MEK)	11.35	43	1033	0.13	ug/L	57
19) CHLOROFORM	12.09	83	32822	0.66	ug/L	99

(#) = qualifier out of range (m) = manual integration
 1109BL1.D HP110101.M Fri Nov 09 10:23:18 2001

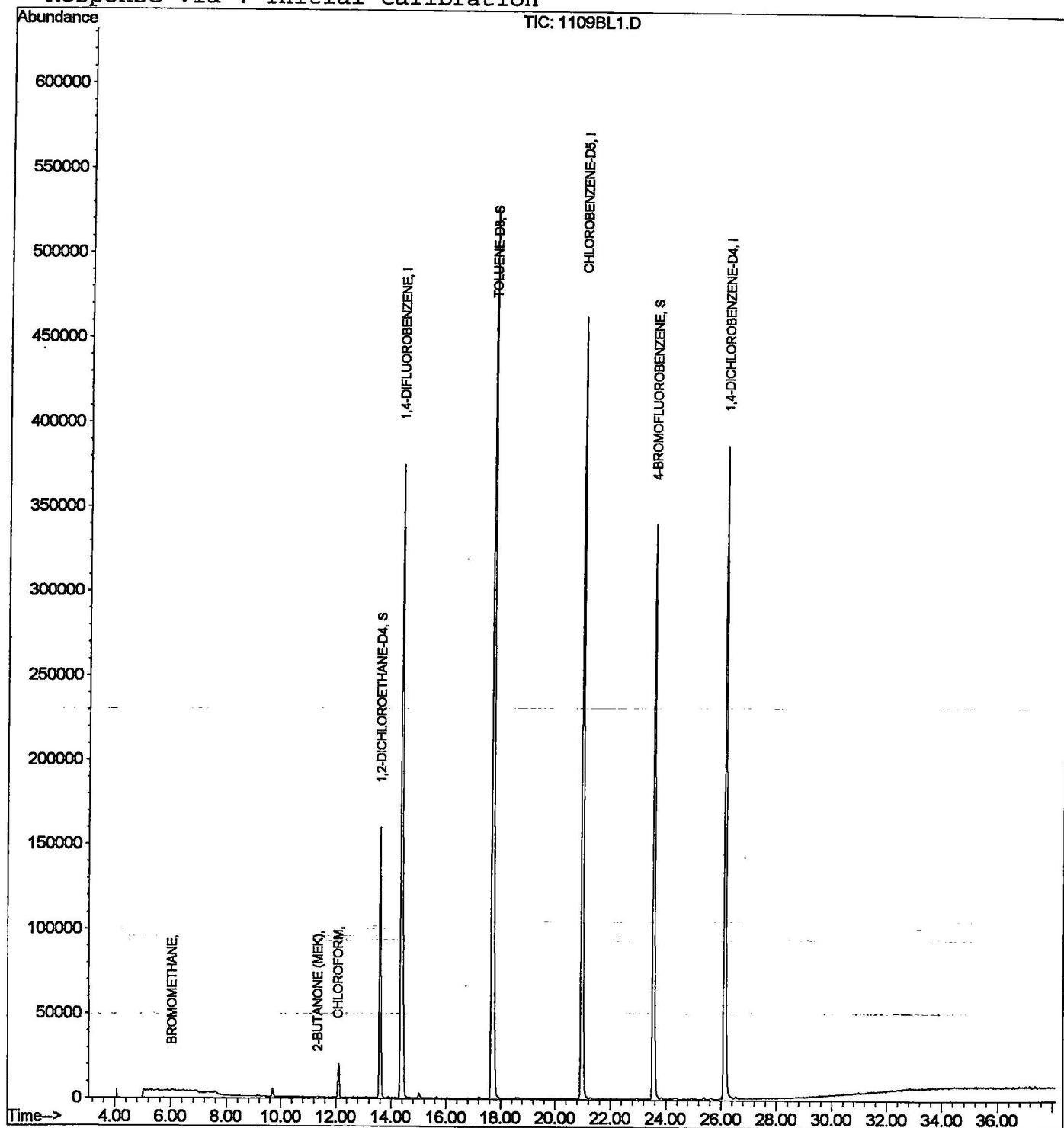
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\1109BL1.D
Acq On : 9 Nov 2001 9:44 am
Sample : 1b
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 10:23 2001

Vial: 5
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



1109BL1.D HP110101.M

Fri Nov 09 10:23:22 2001

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User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 15:53:07

Sample: AD26987
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/9/01 00:00 Ended: 11/9/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1109c10.rr
 Page: 1

as CCV ± 30% ok
 7-13 ok

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.3 ✓		.5
2	Surr_4-BROMOFLUOROBENZE		5.8 ✓		.5
3	Dichlorodifluoromethane		12		.5
4	Chloromethane		12		.5
5	Vinyl chloride		12		.5
6	Bromomethane		8.6		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		12		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		7.6 -		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		9.1		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.0 ✓		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		11		.5
24	Benzene		9.8		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		11		1.0
30	cis-1,3-dichloropropene		10		.5
31	Toluene		10		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		9.9		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		21		.5
41	O-xylene		10		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		9.6		.5
46	1,2,3-trichloropropane		9.5		.5
47	N-propylbenzene		9.7		.5
48	Bromobenzene		9.8		.5

ok

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 15:53:07

Sample: AD26987
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/9/01 00:00 Ended: 11/9/01 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\1109c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.4		.5
50	2-chlorotoluene		9.6		.5
51	4-chlorotoluene		9.3		.5
52	TERT-butylbenzene		9.8		.5
53	1,2,4-trimethylbenzene		9.1		.5
54	SEC-butylbenzene		9.5		.5
55	P-isopropyltoluene		9.4		.5
56	1,3-dichlorobenzene		9.8		.5
57	1,4-dichlorobenzene		9.6		.5
58	N-butylbenzene		9.0		.5
59	1,2-dichlorobenzene		9.9		.5
60	1,2,4-trichlorobenzene		8.9		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		7.3		.5
63	1,2,3-trichlorobenzene		8.6		.5

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV9\1109C10.D
 Acq On : 9 Nov 2001 10:42 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 9 11:27 2001

Vial: 6
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	642409	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	20.98	117	574809	5.00	ug/L	-0.05
50) 1,4-DICHLOROBENZENE-D4	26.14	152	265625	5.00	ug/L	-0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.60	65	199520	5.26	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	105.20%	✓
3) 4-BROMOFLUOROBENZENE	23.55	174	192071	5.75	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	115.00%	✓
23) TOLUENE-D8	17.71	98	870878	5.02	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	100.40%	✓

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.46	85	203157	11.84	ug/L	100
5) CHLOROMETHANE	4.93	50	204539	12.37	ug/L	98
6) VINYL CHLORIDE	5.13	62	145955	11.66	ug/L	99
7) BROMOMETHANE	6.03	94	135147	8.63	ug/L	99
8) CHLOROETHANE	6.17	64	120634	10.72	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.71	101	337570	12.26	ug/L	99
10) ACETONE	7.64	43	33969	9.76	ug/L	100
11) 1,1-DICHLOROETHENE	7.98	61	380746	11.51	ug/L	97
12) METHYLENE CHLORIDE	8.95	49	377443	10.45	ug/L	97
13) METHYL TERT BUTYL ETHER	9.26	73	464520m	7.58	ug/L	
14) TRANS-1,2-DICHLOROETHENE	9.60	61	408158	11.00	ug/L	99
15) 1,1-DICHLOROETHANE	10.49	63	515966	10.62	ug/L	99
16) 2-BUTANONE (MEK)	11.30	43	64055	9.08	ug/L	97
17) 2,2-DICHLOROPROPANE	11.68	77	401127	10.99	ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.76	96	279969	10.70	ug/L	92
19) CHLOROFORM	12.10	83	462159	10.65	ug/L	100
20) BROMOCHLOROMETHANE	12.48	49	234553	10.80	ug/L	96
21) 1,2-DICHLOROETHANE	13.81	62	281440	10.62	ug/L	100
24) 1,1,1-TRICHLOROETHANE	12.99	97	359639	10.52	ug/L	100
25) 1,1-DICHLOROPROPENE	13.33	75	386661	10.34	ug/L	99
26) CARBON TETRACHLORIDE	13.57	117	291331	11.08	ug/L	98
27) BENZENE	13.93	78	1144405	9.78	ug/L	99
28) TRICHLOROETHENE	15.19	95	276912	10.08	ug/L	97
29) 1,2-DICHLOROPROPANE	15.53	63	314635	10.18	ug/L	98
30) DIBROMOMETHANE	16.18	174	80453	10.78	ug/L	94
31) BROMODICHLOROMETHANE	16.02	83	314449	10.16	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.53	63	96068	10.96	ug/L	97
33) Methyl iso-butyl ketone	16.60	58	49558	10.52	ug/L	84

(#) = qualifier out of range (m) = manual integration
 1109C10.D HP110101.M Fri Nov 09 11:29:23 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV9\1109C10.D

Acq On : 9 Nov 2001 10:42 am

Sample : cal 10

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 9 11:27 2001

Vial: 6

Operator:

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Nov 02 15:17:46 2001

Response via : Initial Calibration

DataAcq Meth : HP110101

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.13	75	417157	10.31	ug/L	99
35) TOLUENE	17.88	91	1221601	10.14	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.15	75	311053	10.39	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.53	97	151028	10.01	ug/L	98
38) TETRACHLOROETHENE	19.31	166	219874	10.91	ug/L	99
39) 1,3-DICHLOROPROPANE	19.06	76	305185	9.88	ug/L	99
40) DIBROMOCHLOROMETHANE	19.74	129	150746	10.38	ug/L	100
41) 1,2-DIBROMOETHANE	20.18	107	133680	10.26	ug/L	100
42) CHLORO BENZENE	21.07	112	734430	10.11	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.10	131	211160	10.38	ug/L	99
44) 2-HEXANONE	18.44	43	96760	11.35	ug/L	95
45) ETHYL BENZENE	21.12	91	1459688	10.20	ug/L	100
46) P & M-XYLENE	21.27	106	1031961	20.60	ug/L	99
47) O-XYLENE	22.24	91	1149481	10.36	ug/L	99
48) STYRENE	22.29	104	819716	10.34	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.31	83	165711	10.65	ug/L	99
51) BROMOFORM	23.13	173	59693	11.16	ug/L	99
52) ISOPROPYL BENZENE	22.96	105	1308555	9.64	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.64	110	40617	9.51	ug/L	95
54) N-PROPYL BENZENE	23.83	91	1786464	9.69	ug/L	100
55) BROMO BENZENE	24.05	156	234528	9.83	ug/L	94
56) 1,3,5-TRIMETHYL BENZENE	24.15	105	1089718	9.40	ug/L	98
57) 2-CHLOROTOLUENE	24.30	91	1056710	9.60	ug/L	99
58) 4-CHLOROTOLUENE	24.37	91	1007132	9.32	ug/L	99
59) TERT-BUTYL BENZENE	24.93	134	227733	9.76	ug/L	93
60) 1,2,4-TRIMETHYL BENZENE	25.04	105	1104758	9.11	ug/L	99
61) SEC-BUTYL BENZENE	25.39	105	1529325	9.53	ug/L	99
62) P-ISOPROPYLTOLUENE	25.65	119	1174759	9.40	ug/L	99
63) 1,3-DICHLORO BENZENE	25.99	146	513563	9.76	ug/L	99
64) 1,4-DICHLORO BENZENE	26.21	146	500801	9.65	ug/L	99
65) N-BUTYL BENZENE	26.53	91	1253253	8.98	ug/L	99
66) 1,2-DICHLORO BENZENE	27.05	146	428336	9.91	ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.70	157	18368	9.90	ug/L	99
68) NITRO BENZENE	28.89	77	163912	199.91	ug/L	94
69) 1,2,4-TRICHLORO BENZENE	30.62	180	202997	8.87	ug/L	98
70) HEXACHLORO BUTADIENE	30.88	225	111300	10.33	ug/L	97
71) NAPHTHALENE	31.31	128	252072	7.27	ug/L	99
72) 1,2,3-TRICHLORO BENZENE	31.85	180	143845	8.58	ug/L	99

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

1109C10.D HP110101.M

Fri Nov 09 11:29:25 2001

Page 2

Quantitation Report

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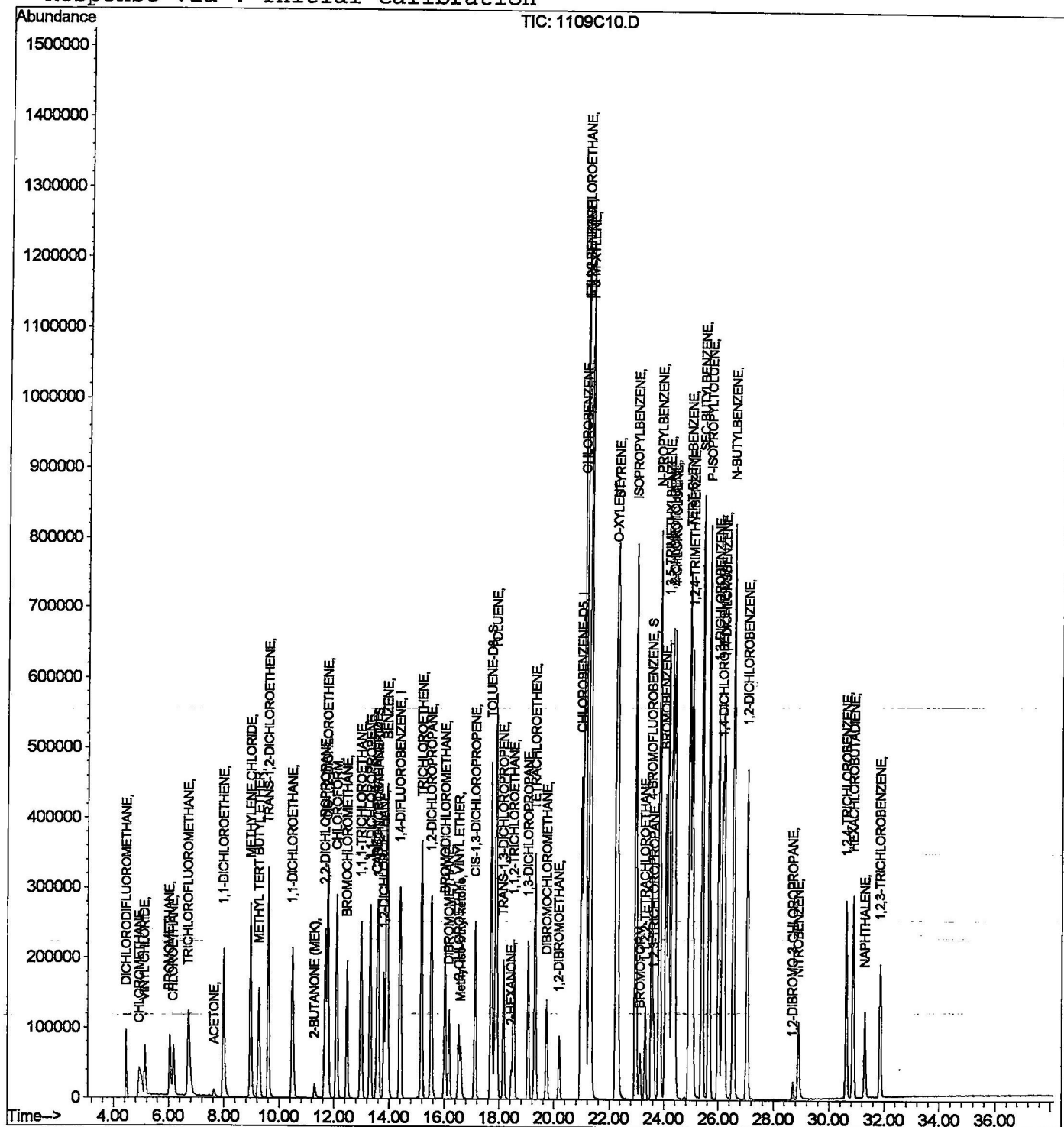
Data File   : C:\HPCHEM\1\DATA\01NOV9\1109C10.D
Acq On      : 9 Nov 2001 10:42 am
Sample      : cal 10
Misc        :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 11:27 2001

```

Vial: 6
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

```
Method       : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Fri Nov 02 15:17:46 2001
Response via  : Initial Calibration
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User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 15:55:46

Sample: AD26846
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/9/01 00:01 Ended: 11/9/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\26846.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL ✓		.5
20	Surr - TOLUENE-D8		5.1 ✓		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 15:55:46

Sample: AD26846

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:01 Ended: 11/9/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\26846.rr

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\26846.D
 Acq On : 9 Nov 2001 1:51 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 9 14:29 2001

Vial: 8
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	510804	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.00	117	465772	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	181598	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	176573	5.86	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	117.20%	✓
3) 4-BROMOFLUOROBENZENE	23.57	174	136068	5.12	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	102.40%	✓
23) TOLUENE-D8	17.73	98	717018	5.10	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	102.00%	✓
Target Compounds						
10) ACETONE	7.66	43	13656	4.93	ug/L	92
16) 2-BUTANONE (MEK)	11.36	43	1991	0.36	ug/L	57
44) 2-HEXANONE	18.53	43	1718	0.25	ug/L	27

(#) = qualifier out of range (m) = manual integration
 26846.D HP110101.M Fri Nov 09 14:29:57 2001

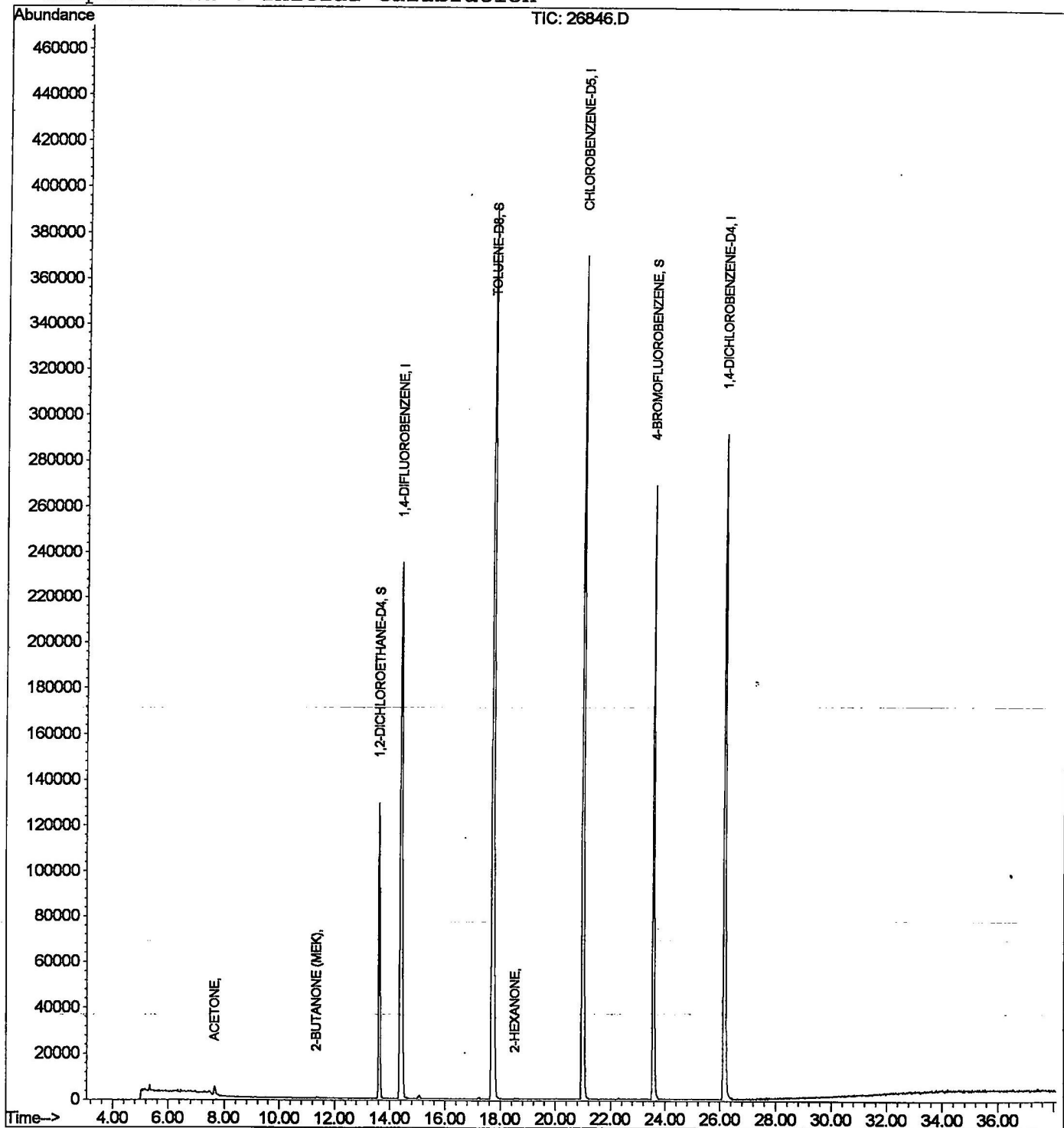
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\26846.D
 Acq On : 9 Nov 2001 1:51 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 9 14:29 2001

Vial: 8
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26846.D
 Acq On : 9 Nov 2001 1:51 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

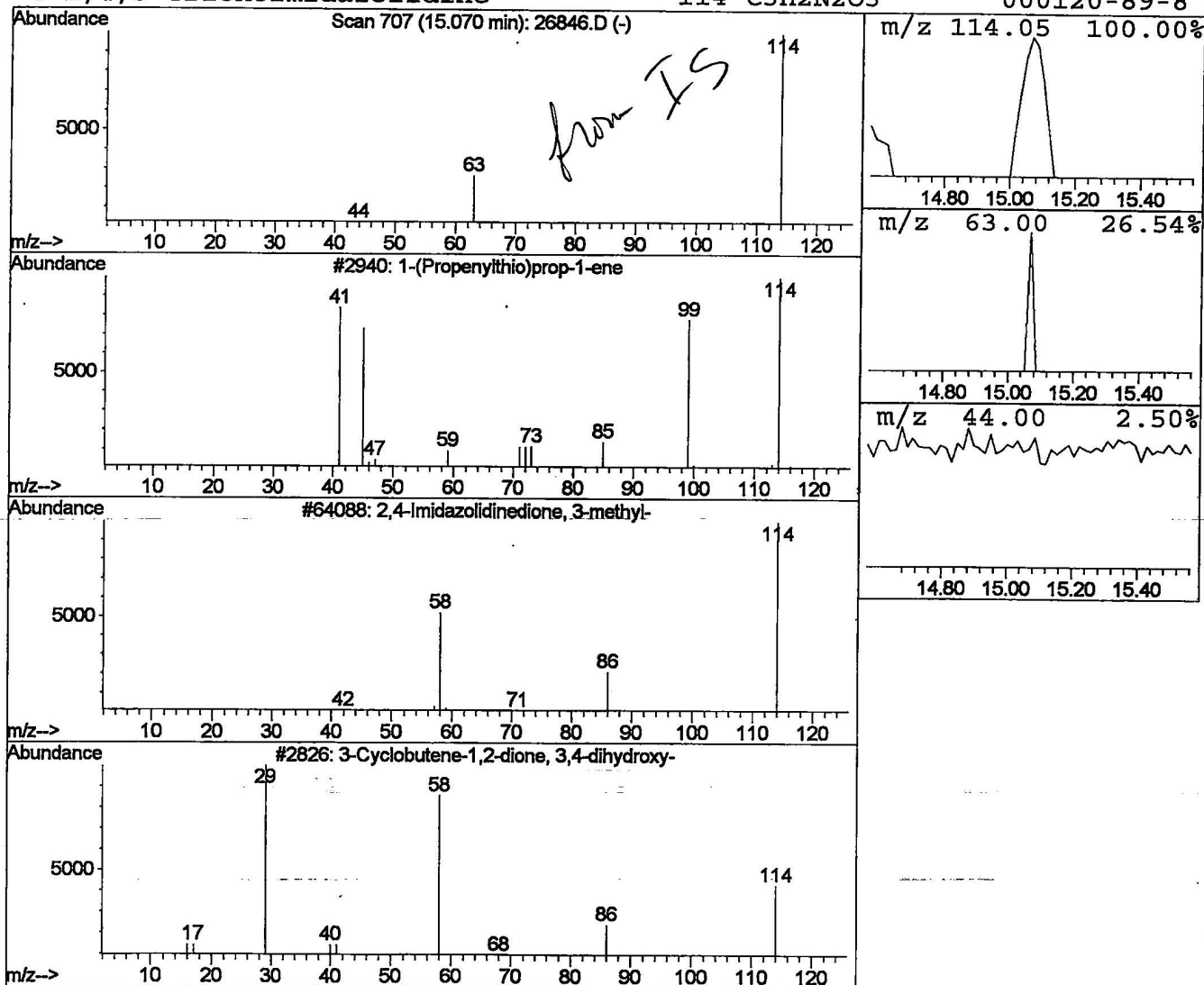
Vial: 8
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	6466	1,4-DIFLUOROBENZENE	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2		2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 15:58:20

Sample: AD26847

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:02 Ended: 11/9/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\26847.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1 ✓		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1 ✓		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 15:58:20

Sample: AD26847

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:02 Ended: 11/9/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\26847.rr

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\26847.D
Acq On : 9 Nov 2001 2:34 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 15:13 2001

Vial: 9
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration
DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	492133	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.00	117	444146	5.00	ug/L	-0.04
50) 1,4-DICHLOROBENZENE-D4	26.16	152	176744	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	172450	5.94	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	118.80%	✓
3) 4-BROMOFLUOROBENZENE	23.57	174	129832	5.08	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	101.60%	✓
23) TOLUENE-D8	17.73	98	678370	5.06	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	101.20%	✓
Target Compounds						
10) ACETONE	7.66	43	7764	2.91	ug/L	Qvalue 99
16) 2-BUTANONE (MEK)	11.35	43	1807	0.33	ug/L	57

(#) = qualifier out of range (m) = manual integration
26847.D HP110101.M Fri Nov 09 15:13:16 2001

Page 1

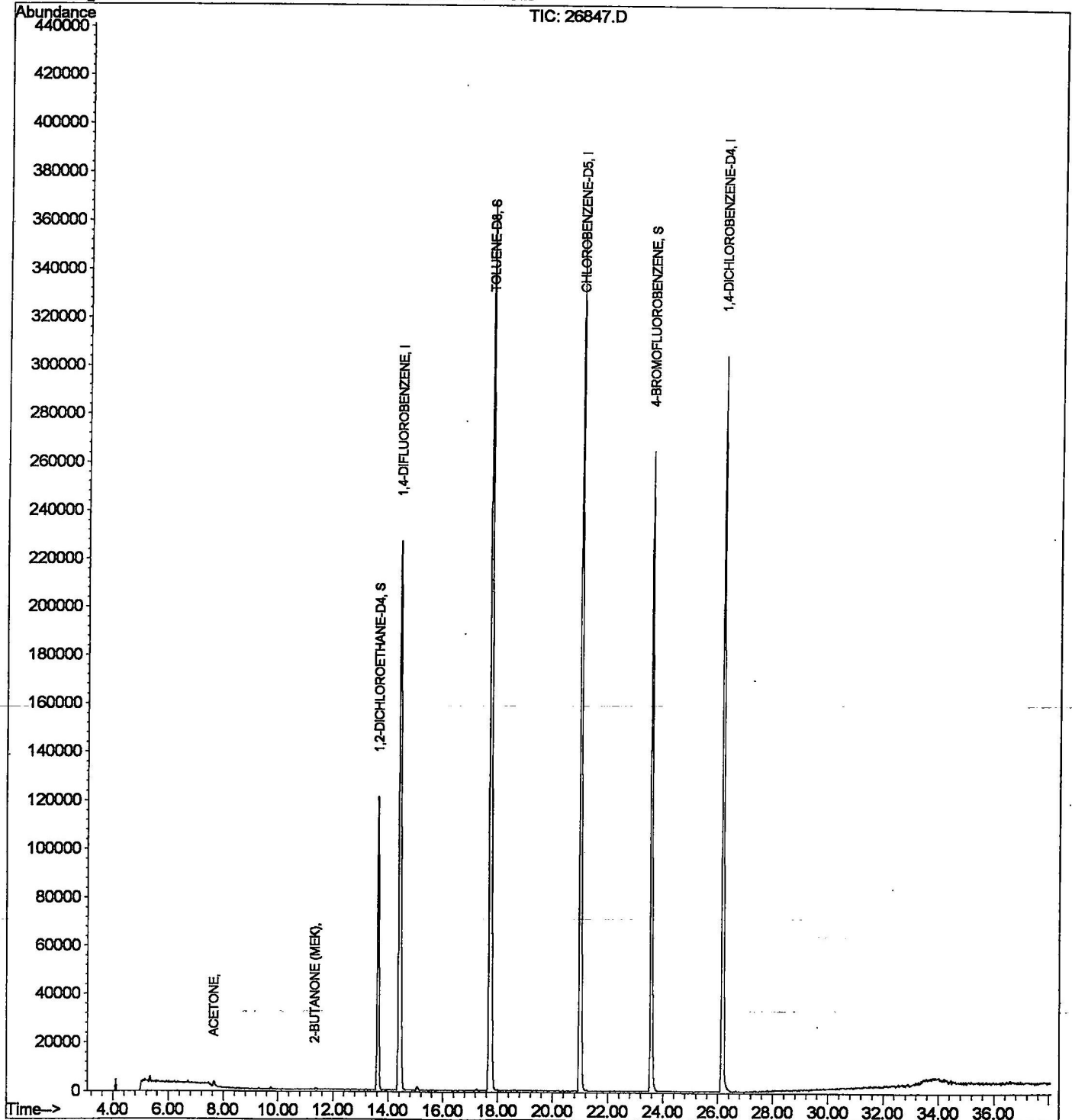
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\26847.D
 Acq On : 9 Nov 2001 2:34 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 9 15:13 2001

Vial: 9
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26847.D
 Acq On : 9 Nov 2001 2:34 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

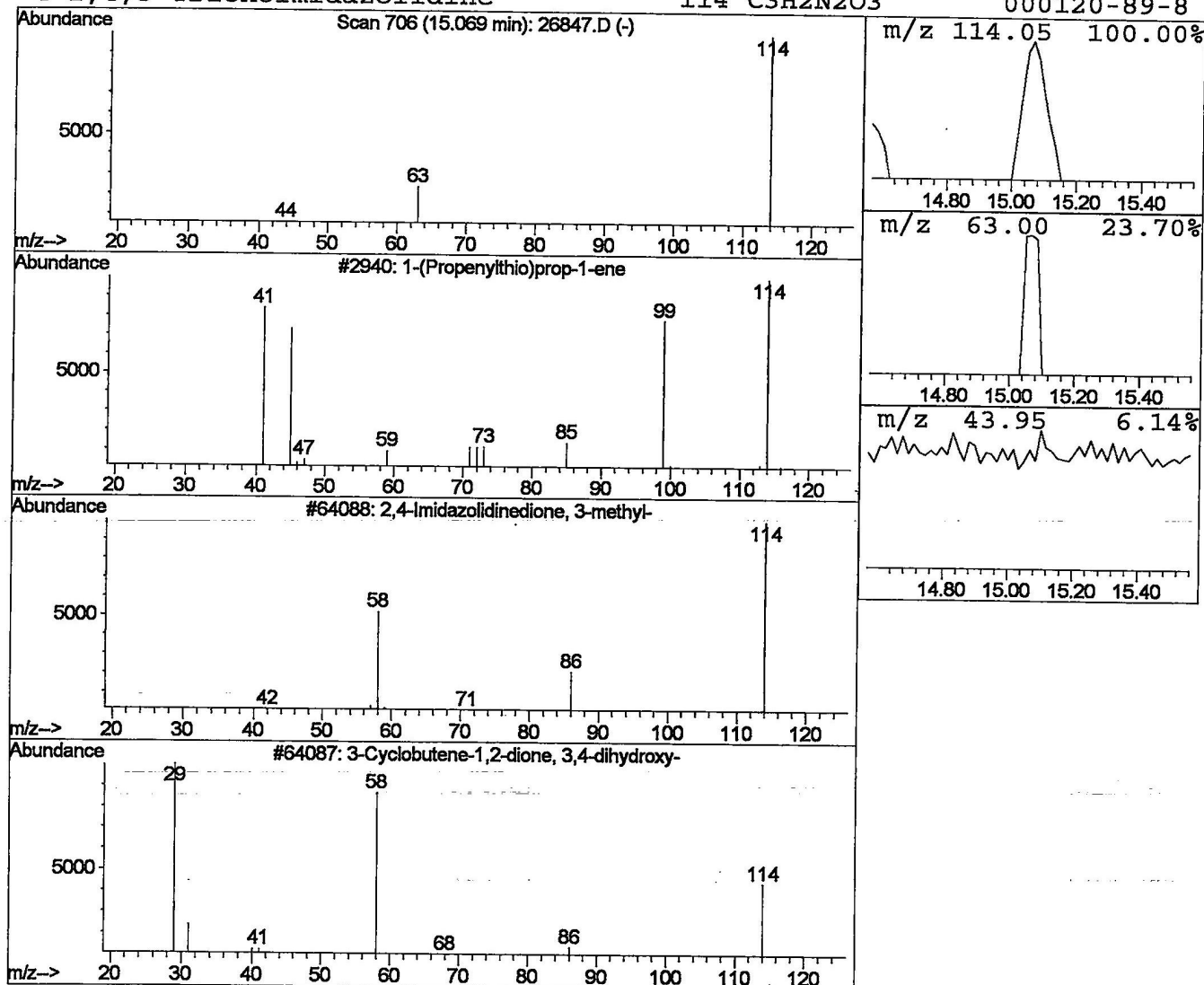
Vial: 9
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	7226	1,4-DIFLUOROBENZENE	14.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 16:00:49

Sample: AD26982

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:04 Ended: 11/9/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\26982.rr

Page: 1

	Component Name	Vol	Result	Quantifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		4.9 ✓		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		31		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1 ✓		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		4.8		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

0.05
 acetone -20
 acetone in FB's 78

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:00:49

Sample: AD26982

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:04 Ended: 11/9/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\26982.rr

Page: 2

	Component Name	Vol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\26982.D
 Acq On : 9 Nov 2001 4:09 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 9 16:48 2001

Vial: 9
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	475602	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.00	117	435396	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	167412	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	169709	6.05	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	121.00%	
3) 4-BROMOFLUOROBENZENE	23.57	174	120838	4.89	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	97.80%	
23) TOLUENE-D8	17.73	98	669257	5.09	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	101.80%	
Target Compounds						
10) ACETONE	7.66	43	50880	19.74	ug/L	Qvalue 96
16) 2-BUTANONE (MEK)	11.36	43	4415	0.85	ug/L	57
19) CHLOROFORM 31	12.12	83	1007233	31.36	ug/L	100
31) BROMODICHLOROMETHANE 4.8	16.04	83	111894	4.77	ug/L	99
40) DIBROMOCHLOROMETHANE	19.76	129	3157	0.29	ug/L	99
44) 2-HEXANONE	18.58	43	3020	0.47	ug/L	27

(#) = qualifier out of range (m) = manual integration
 26982.D HP110101.M Fri Nov 09 16:48:16 2001

Page 1

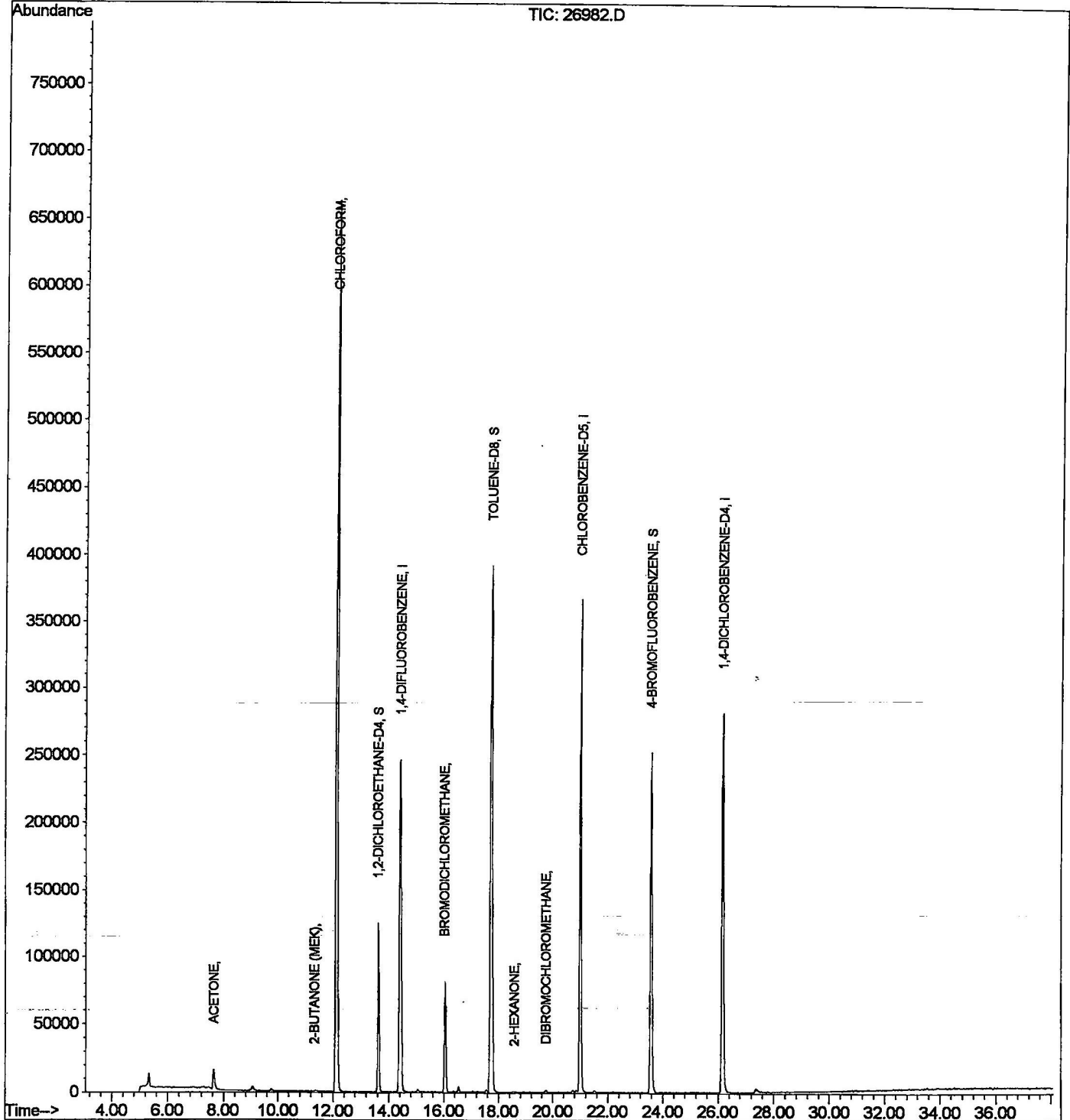
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\26982.D
Acq On : 9 Nov 2001 4:09 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 16:48 2001

Vial: 9
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26982.D
 Acq On : 9 Nov 2001 4:09 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

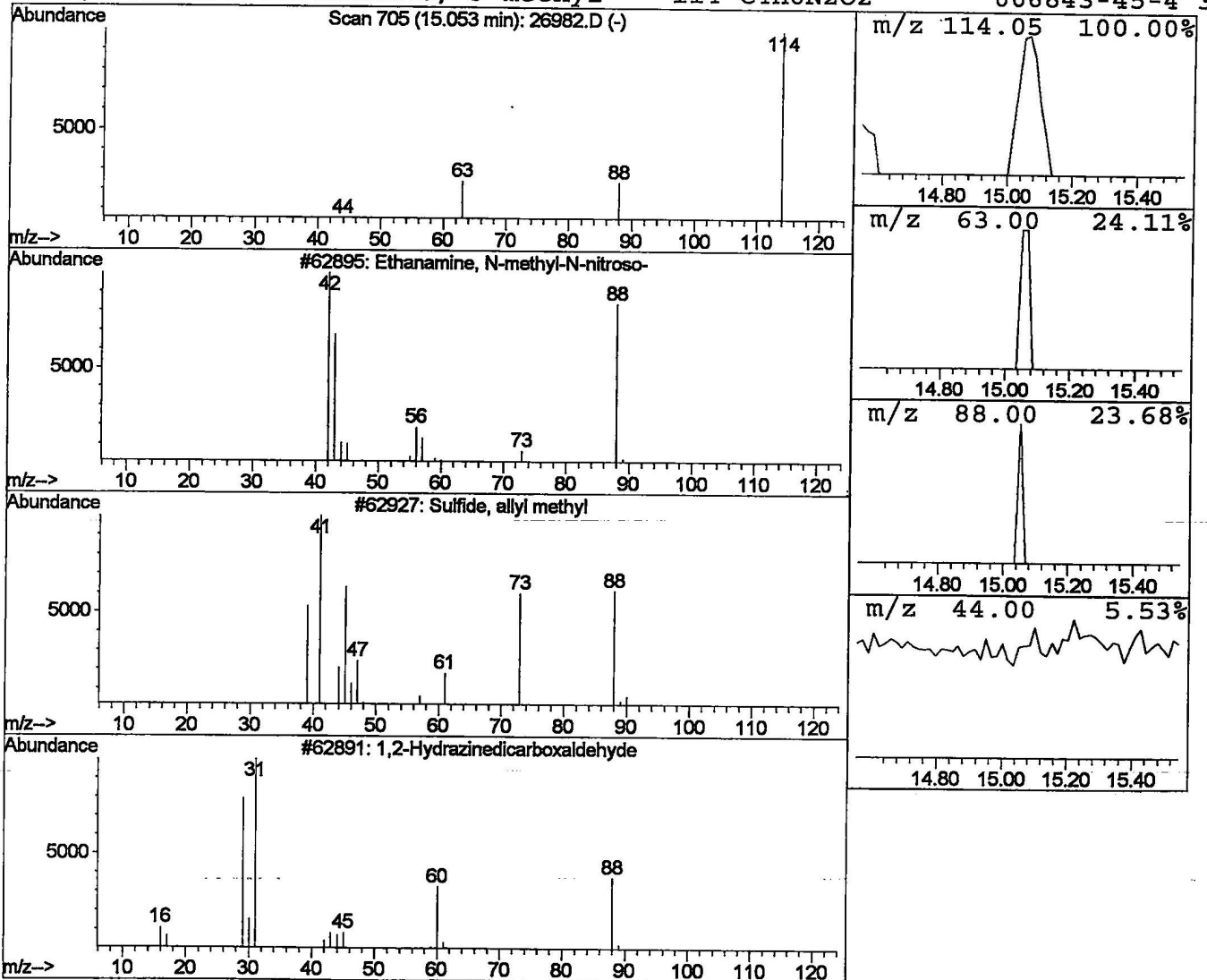
Vial: 9
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Ethanamine, N-methyl-N-nitroso Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.03 ug/L	6833	1,4-DIFLUOROBENZENE	14.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3	
2	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3	
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3	
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26982.D
 Acq On : 9 Nov 2001 4:09 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

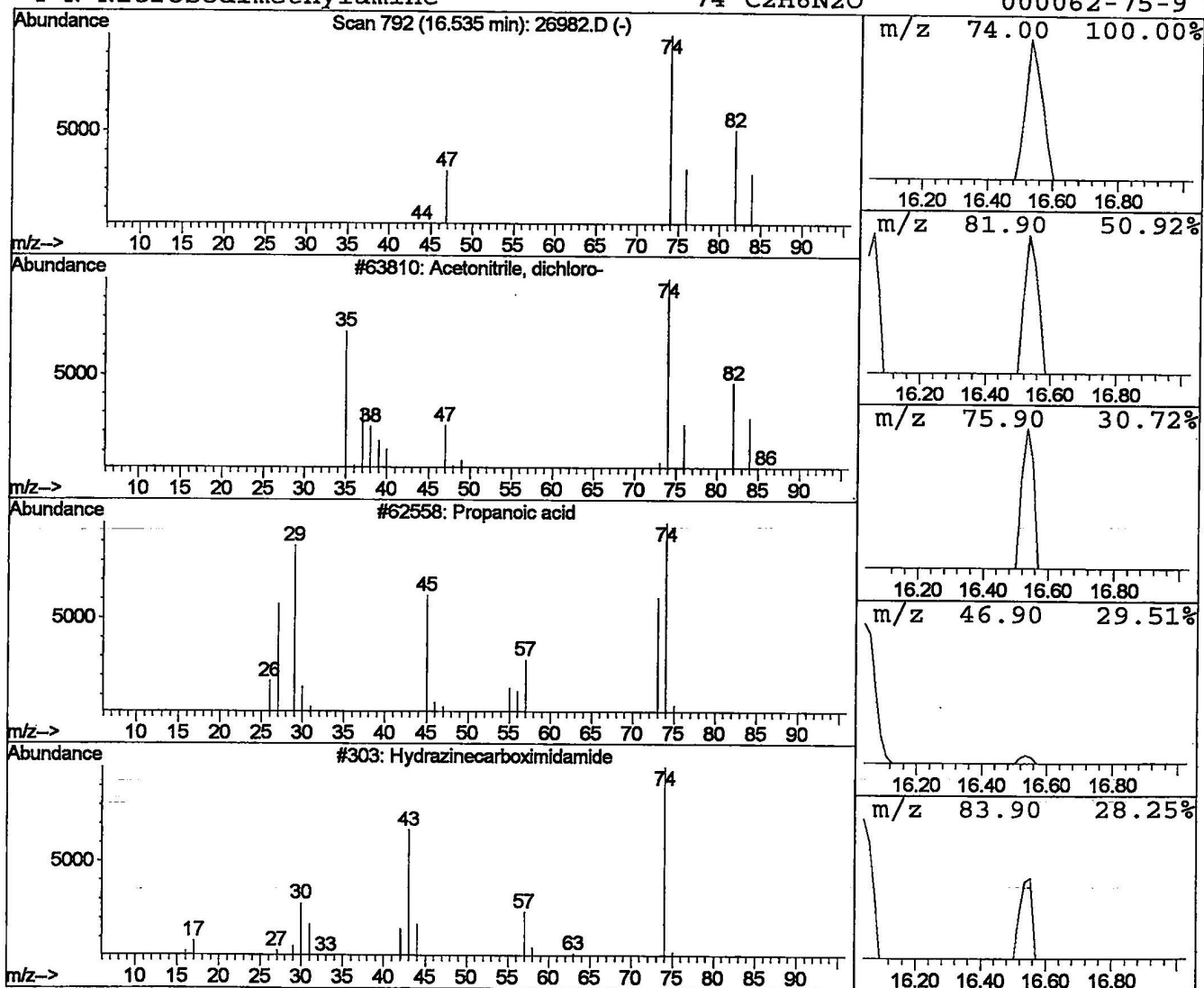
Vial: 9
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	12052	1,4-DIFLUOROBENZENE	14.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2		Propanoic acid	74	C3H6O2	000079-09-4	3
3		Hydrazinecarboximidamide	74	CH6N4	000079-17-4	2
4		N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 16:02:06

Sample: AD26983

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:04 Ended: 11/9/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\26983.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		4.9 ✓		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		20		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1 ✓		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		3.4		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

0.02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:02:06

Sample: AD26983

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:04 Ended: 11/9/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\26983.rr

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\26983.D

Vial: 10

Acq On : 9 Nov 2001 4:52 pm

Operator:

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Nov 9 17:31 2001

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Nov 02 15:17:46 2001

Response via : Initial Calibration

DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	478554	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	21.00	117	436999	5.00	ug/L	-0.04
50) 1,4-DICHLOROBENZENE-D4	26.14	152	171719	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	169815	6.01	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	120.20%	
3) 4-BROMOFLUOROBENZENE	23.57	174	122953	4.94	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	98.80%	
23) TOLUENE-D8	17.73	98	678438	5.14	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	102.80%	
Target Compounds						
10) ACETONE	7.66	43	16037	6.19	ug/L	99
16) 2-BUTANONE (MEK)	11.35	43	4349	0.83	ug/L	57
19) CHLOROFORM 20	12.12	83	650558	20.13	ug/L	100
31) BROMODICHLOROMETHANE 34	16.04	83	79225	3.37	ug/L	97
40) DIBROMOCHLOROMETHANE	19.75	129	2148	0.19	ug/L	98
44) 2-HEXANONE	18.53	43	874	0.13	ug/L	27

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

26983.D HP110101.M Fri Nov 09 17:31:31 2001

Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\26983.D

Acq On : 9 Nov 2001 4:52 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 9 17:31 2001

Vial: 10

Operator:

Inst : GC/MS Ins

Multiplr: 1.00

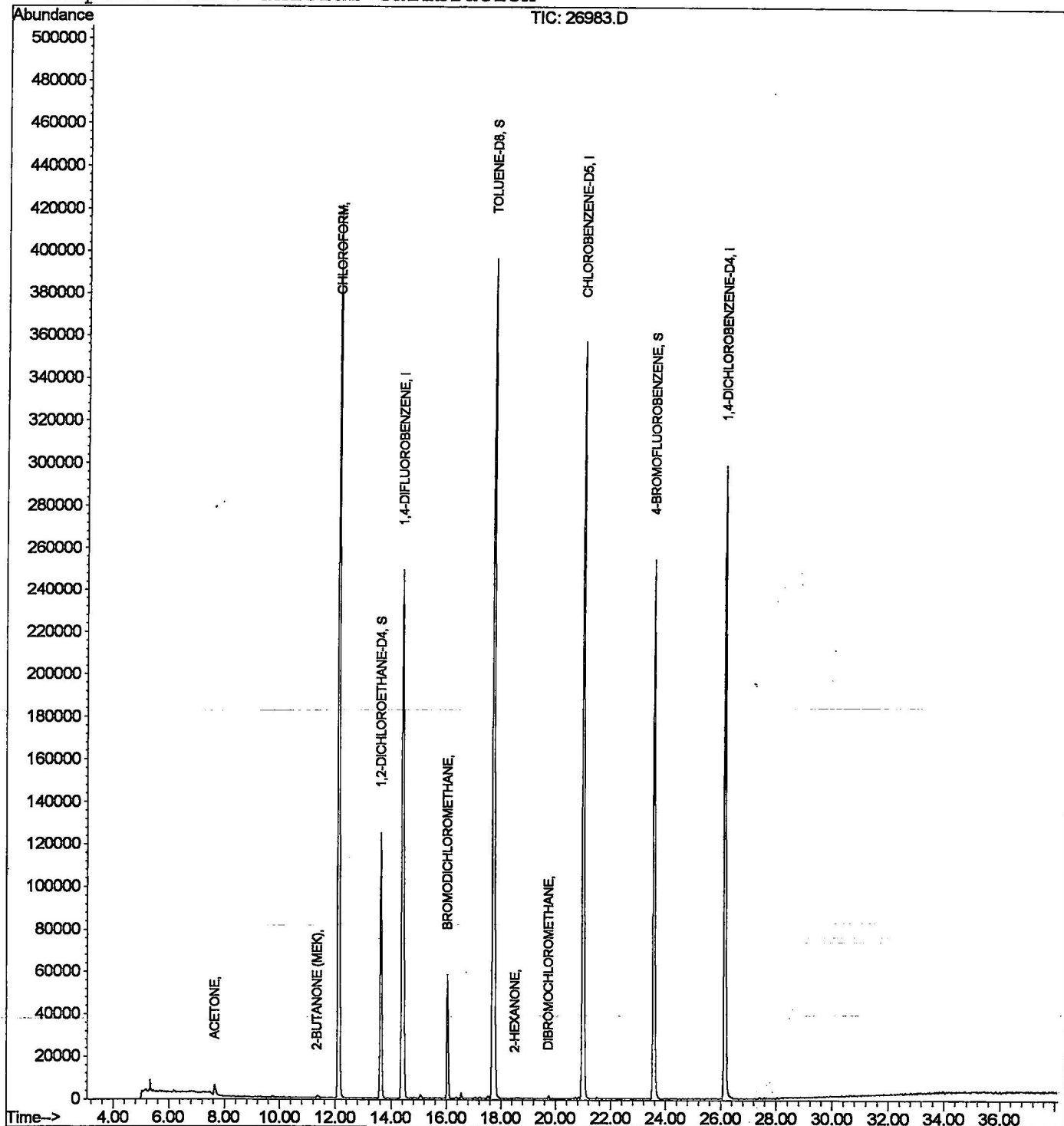
Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Nov 02 15:17:46 2001

Response via : Initial Calibration



26983.D HP110101.M

Fri Nov 09 17:31:35 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26983.D
Acq On : 9 Nov 2001 4:52 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

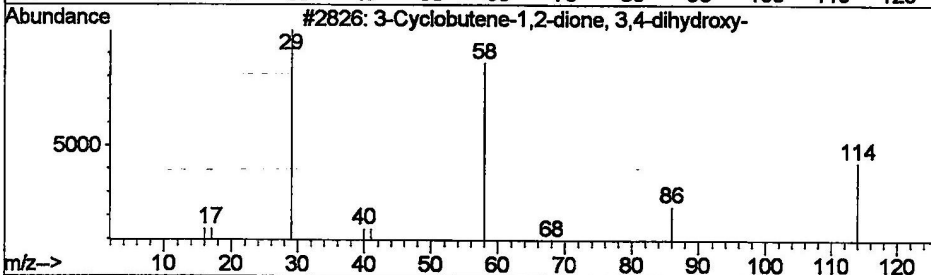
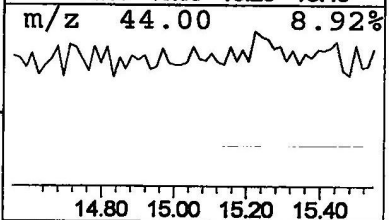
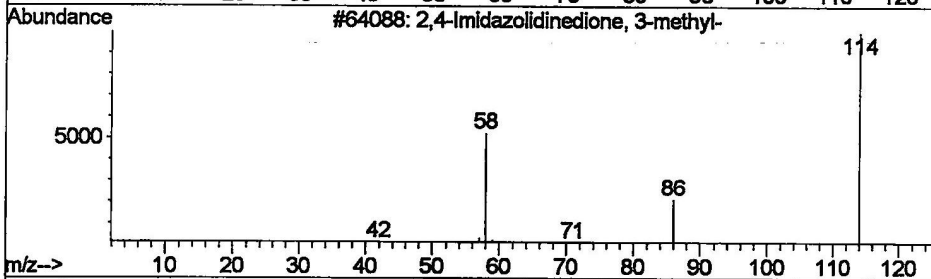
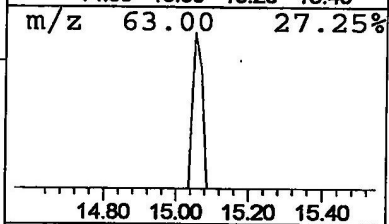
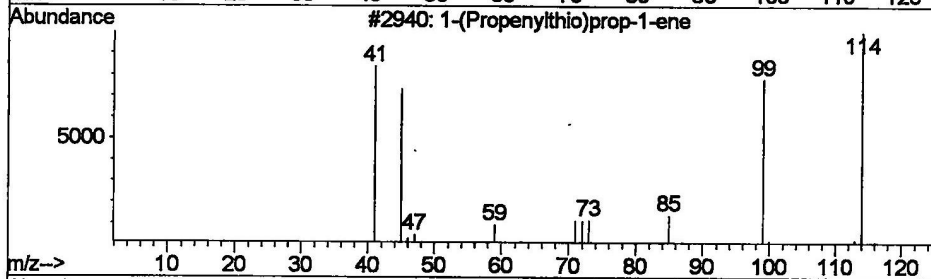
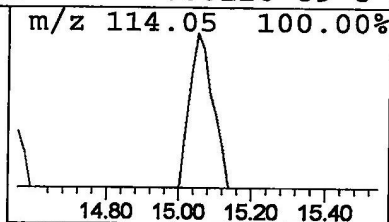
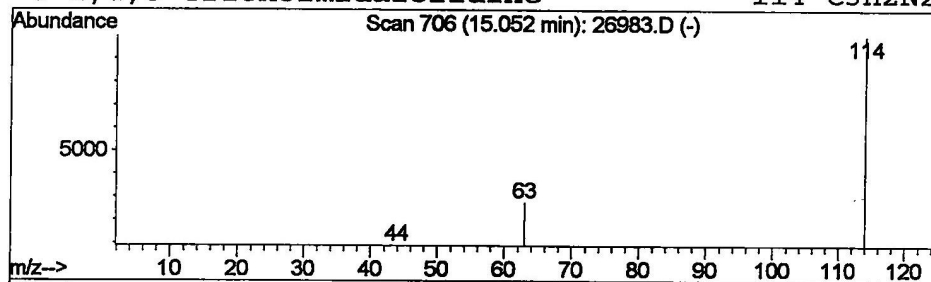
Vial: 10
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.03 ug/L	6249	1,4-DIFLUOROBENZENE	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26983.D
 Acq On : 9 Nov 2001 4:52 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

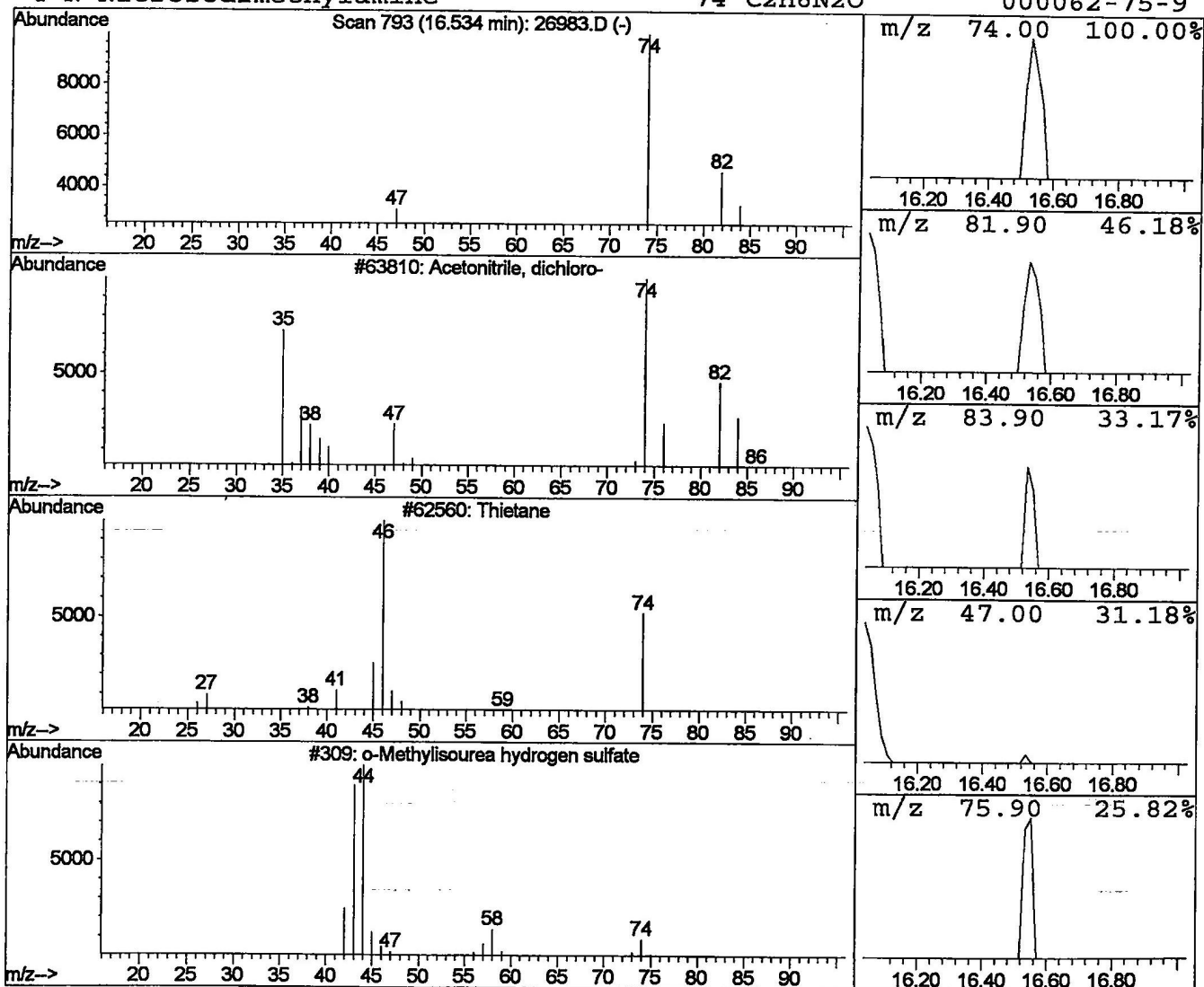
Vial: 10
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	0.02 ug/L	5875	1,4-DIFLUOROBENZENE	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2			Thietane	74	C3H6S	000287-27-4	4
3			o-Methylisourea hydrogen sulfate	74	C2H6N2O	029427-58-5	3
4			N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 16:03:24

Sample: AD26984
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/9/01 00:05 Ended: 11/9/01 00:05 Analyst: BH
 Result source: m:\instruments\206\rrfiles\26984.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		5.0 ✓		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		15		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL ✓		.5
20	Surr - TOLUENE-D8		5.1 ✓		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		2.7		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

acetone 21
 acetone in FB's - 78.94

User: Huhn, William

Westchester Dept. of Labs & Research

Date: 11/13/2001 Time: 16:03:24

Sample: AD26984

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/9/01 00:05 Ended: 11/9/01 00:05 Analyst: BH

Result source: m:\instruments\206\rrfiles\26984.rr

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV9\26984.D

Vial: 11

Acq On : 9 Nov 2001 5:35 pm

Operator:

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Nov 9 18:14 2001

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Nov 02 15:17:46 2001

Response via : Initial Calibration

DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	452275	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	20.98	117	410793	5.00	ug/L	-0.05
50) 1,4-DICHLOROBENZENE-D4	26.14	152	159034	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	161799	6.06	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	121.20%	
3) 4-BROMOFLUOROBENZENE	23.57	174	117458	5.00	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	100.00%	
23) TOLUENE-D8	17.71	98	629381	5.07	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
10) ACETONE	7.64	43	51734	21.11	ug/L	96
16) 2-BUTANONE (MEK)	11.35	43	6205	1.25	ug/L	57
19) CHLOROFORM	12.12	83	459098	15.03	ug/L	100
31) BROMODICHLOROMETHANE	16.04	83	59992	2.71	ug/L	99
40) DIBROMOCHLOROMETHANE	19.74	129	1705	0.16	ug/L	92
44) 2-HEXANONE	18.53	43	1684	0.28	ug/L	27

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

26984.D HP110101.M Wed Nov 14 17:05:10 2001

Page 1

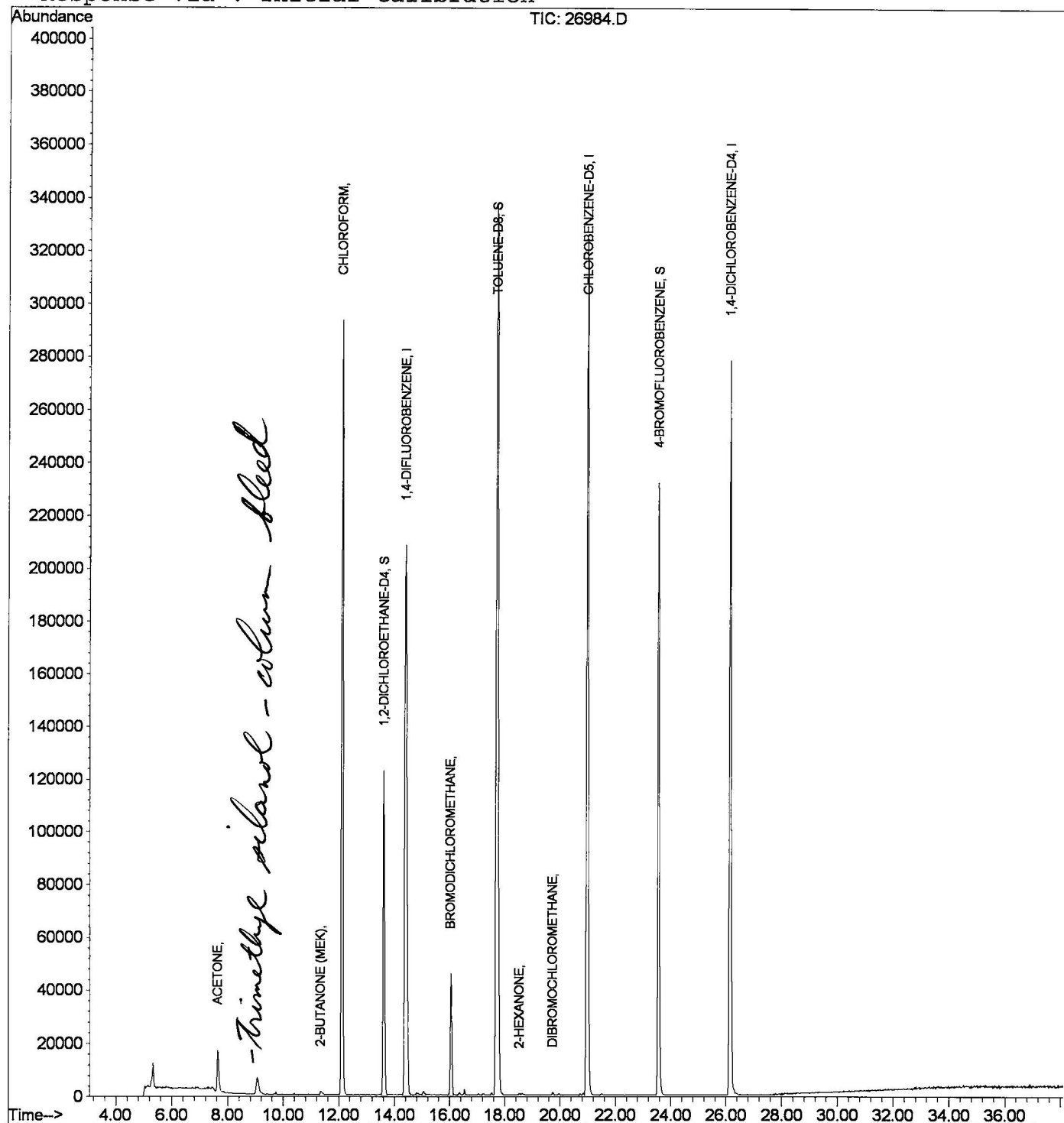
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV9\26984.D
Acq On : 9 Nov 2001 5:35 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 18:14 2001

Vial: 11
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01NOV9\26984.D
 Acq On : 9 Nov 2001 5:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

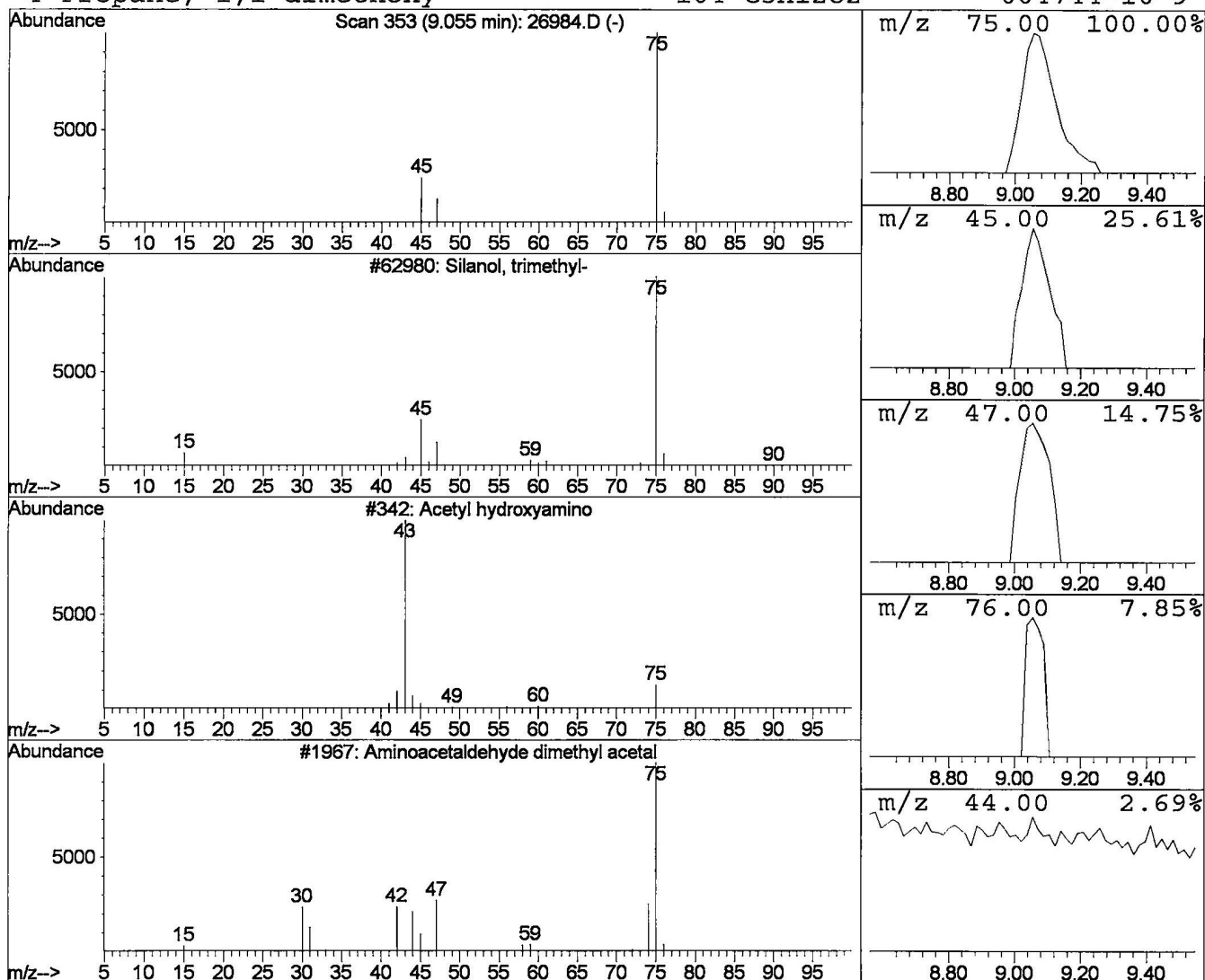
Vial: 11
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Silanol, trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	0.18 ug/L	41903	1,4-DIFLUOROBENZENE	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
2			Acetyl hydroxyamino	75	C2H5NO2	000000-00-0	4
3			Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	2
4			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26984.D
 Acq On : 9 Nov 2001 5:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

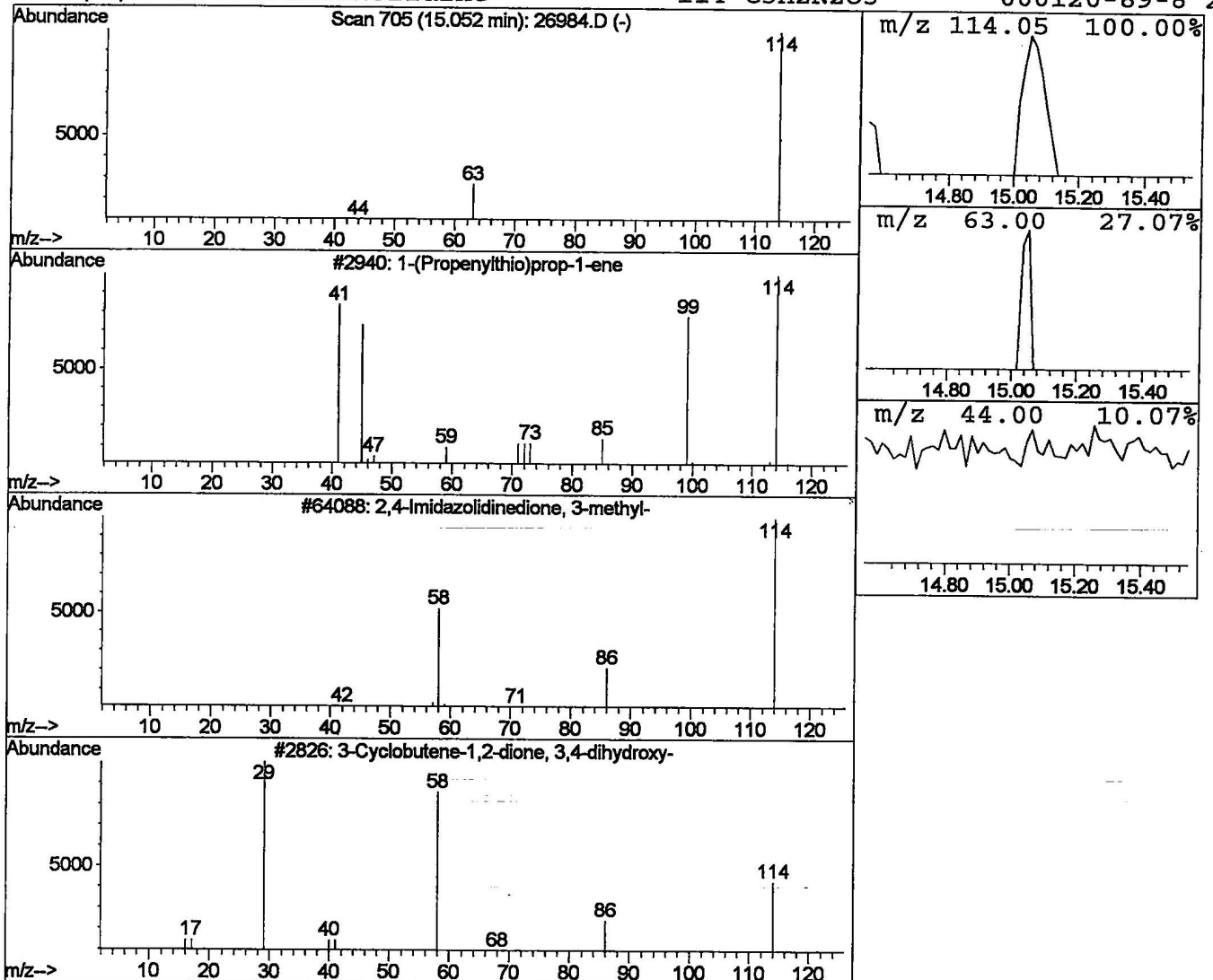
Vial: 11
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.03 ug/L	6033	1,4-DIFLUOROBENZENE	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26984.D
 Acq On : 9 Nov 2001 5:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

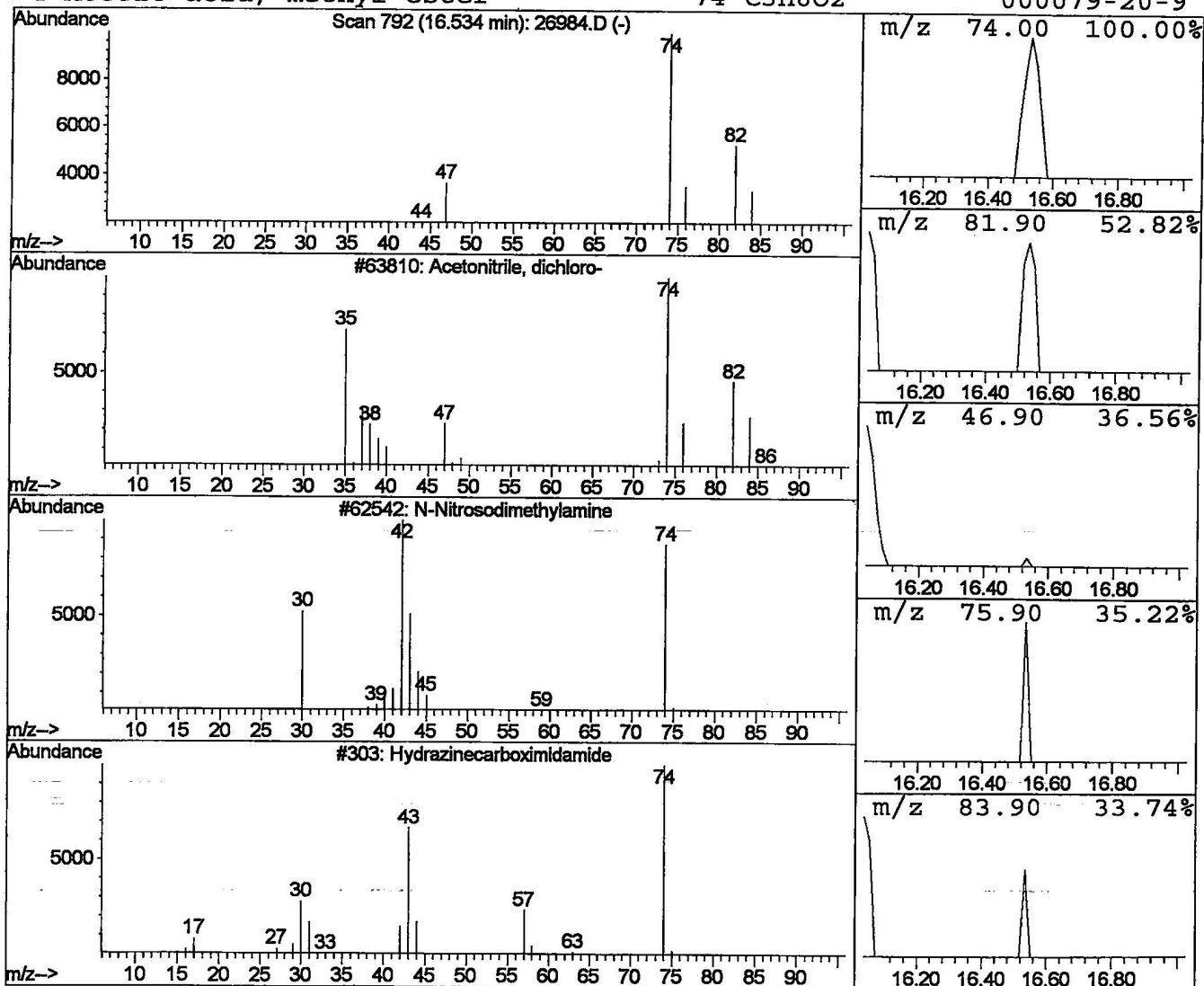
Vial: 11
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	0.02 ug/L	5207	1,4-DIFLUOROBENZENE	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
2			N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	4
3			Hydrazinecarboximidamide	74	CH6N4	000079-17-4	4
4			Acetic acid, methyl ester	74	C3H6O2	000079-20-9	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 16:07:56

Sample: AD26987
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 11/9/01 00:07 Ended: 11/9/01 00:07 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1109c10a.rr
 Page: 1

CCV
 7-13 Accept
 only 21
 Naphthalene
 for 4

	Component Name	Viol	Result	Quantifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.1 ✓		.5
2	Surr_4-BROMOFLUOROBENZE		5.8 ✓		.5
3	Dichlorodifluoromethane		8.9		.5
4	Chloromethane		12		.5
5	Vinyl chloride		11		.5
6	Bromomethane		8.9		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		13		.5
10	Methylene Chloride	USPEC	13		.5
11	Methyl tert-butyl ether (MTBE)		7.7		1.0
12	trans-1,2-dichloroethene		13		.5
13	1,1-dichloroethane		13		.5
14	2-butanone (MEK)		11		2.0
15	2,2-dichloropropane		12		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		12		.5
18	Bromochloromethane	USPEC	12		.5
19	1,2-dichloroethane	USPEC	13		.5
20	Surr_TOLUENE-D8		5.0 ✓		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		11		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		12		.5
27	Dibromomethane		9.9		.5
28	Bromodichloromethane		12		.5
29	Methyl iso-butyl ketone		12		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		12		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		22		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		9.8		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:07:56

Sample: AD26987
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 11/9/01 00:07 Ended: 11/9/01 00:07 Analyst: BH
Result source: m:\instruments\206\rrfiles\1109c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDI
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		11		.5
52	TERT-butylbenzene		9.8		.5
53	1,2,4-trimethylbenzene		9.7		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		9.3		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		8.3		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene	LSPEC	5.2		.5
63	1,2,3-trichlorobenzene		8.1		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\1109C10A.D
 Acq On : 9 Nov 2001 7:02 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 9 19:41 2001

Vial: 6
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	438721	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	20.98	117	411428	5.00	ug/L	-0.05
50) 1,4-DICHLOROBENZENE-D4	26.14	152	201357	5.00	ug/L	-0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.62	65	158605	6.13	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	122.60%	
3) 4-BROMOFLUOROBENZENE	23.57	174	131198	5.75	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	115.00%	
23) TOLUENE-D8	17.71	98	626353	5.04	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.46	85	104058	8.88	ug/L	99
5) CHLOROMETHANE	4.98	50	137738	12.19	ug/L	98
6) VINYL CHLORIDE	5.13	62	97623	11.42	ug/L	98
7) BROMOMETHANE	6.05	94	95664	8.94	ug/L	100
8) CHLOROETHANE	6.18	64	79675	10.37	ug/L	94
9) TRICHLOROFLUOROMETHANE	6.73	101	207467	11.03	ug/L	99
10) ACETONE	7.64	43	31648	13.31	ug/L	91
11) 1,1-DICHLOROETHENE	7.98	61	286012	12.66	ug/L	90
12) METHYLENE CHLORIDE	8.97	49	323362	13.11	ug/L	90
13) METHYL TERT BUTYL ETHER	9.26	73	321687	7.69	ug/L	94
14) TRANS-1,2-DICHLOROETHENE	9.62	61	322178	12.71	ug/L	92
15) 1,1-DICHLOROETHANE	10.49	63	422589	12.74	ug/L	99
16) 2-BUTANONE (MEK)	11.32	43	53259	11.06	ug/L	92
17) 2,2-DICHLOROPROPANE	11.68	77	296347	11.88	ug/L	95
18) CIS-1,2-DICHLOROETHENE	11.78	96	203133	11.37	ug/L	86
19) CHLOROFORM	12.10	83	363080	12.25	ug/L	100
20) BROMOCHLOROMETHANE	12.48	49	198917	13.42	ug/L	85
21) 1,2-DICHLOROETHANE	13.81	62	240628	13.30	ug/L	98
24) 1,1,1-TRICHLOROETHANE	12.99	97	279643	11.42	ug/L	99
25) 1,1-DICHLOROPROPENE	13.33	75	293645	10.98	ug/L	97
26) CARBON TETRACHLORIDE	13.57	117	212055	11.27	ug/L	98
27) BENZENE	13.91	78	911279	10.88	ug/L	100
28) TRICHLOROETHENE	15.19	95	208620	10.61	ug/L	94
29) 1,2-DICHLOROPROPANE	15.53	63	256297	11.58	ug/L	100
30) DIBROMOMETHANE	16.18	174	52633	9.85	ug/L	66
31) BROMODICHLOROMETHANE	16.04	83	256267	11.57	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.53	63	75169	11.98	ug/L	99
33) Methyl iso-butyl ketone	16.60	58	40974	12.15	ug/L	80

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

1109C10A.D HP110101.M Fri Nov 09 19:41:24 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\1109C10A.D

Acq On : 9 Nov 2001 7:02 pm

Sample : cal 10

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 9 19:41 2001

Vial: 6

Operator:

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Nov 02 15:17:46 2001

Response via : Initial Calibration

DataAcq Meth : HP110101

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.13	75	332738	11.49	ug/L	98
35) TOLUENE	17.88	91	957844	11.10	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.17	75	259909	12.13	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.54	97	117296	10.86	ug/L	98
38) TETRACHLOROETHENE	19.31	166	144556	10.02	ug/L	93
39) 1,3-DICHLOROPROPANE	19.07	76	248891	11.26	ug/L	99
40) DIBROMOCHLOROMETHANE	19.74	129	114906	11.05	ug/L	99
41) 1,2-DIBROMOETHANE	20.18	107	101276	10.86	ug/L	99
42) CHLOROBENZENE	21.07	112	559957	10.77	ug/L	95
43) 1,1,1,2-TETRACHLOROETHANE	21.12	131	161739	11.11	ug/L	98
44) 2-HEXANONE	18.46	43	83035	13.61	ug/L	94
45) ETHYLBENZENE	21.12	91	1157981	11.31	ug/L	98
46) P & M-XYLENE	21.29	106	805965	22.47	ug/L	98
47) O-XYLENE	22.24	91	945163	11.90	ug/L	97
48) STYRENE	22.31	104	664680	11.71	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.32	83	137999	12.39	ug/L	99
51) BROMOFORM	23.13	173	45288	11.17	ug/L	99
52) ISOPROPYLBENZENE	22.97	105	1039319	10.10	ug/L	100
53) 1,2,3-TRICHLOROPROPANE	23.64	110	33550	10.36	ug/L	83
54) N-PROPYLBENZENE	23.83	91	1432081	10.25	ug/L	97
55) BROMOBENZENE	24.06	156	177468	9.82	ug/L	93
56) 1,3,5-TRIMETHYLBENZENE	24.15	105	895288	10.19	ug/L	96
57) 2-CHLOROTOLUENE	24.30	91	874096	10.47	ug/L	96
58) 4-CHLOROTOLUENE	24.39	91	873301	10.66	ug/L	97
59) TERT-BUTYLBENZENE	24.93	134	174155	9.85	ug/L	85
60) 1,2,4-TRIMETHYLBENZENE	25.04	105	896083	9.74	ug/L	99
61) SEC-BUTYLBENZENE	25.39	105	1231315	10.12	ug/L	98
62) P-ISOPROPYLTOLUENE	25.65	119	954320	10.07	ug/L	97
63) 1,3-DICHLOROBENZENE	25.99	146	412747	10.34	ug/L	97
64) 1,4-DICHLOROBENZENE	26.21	146	402125	10.22	ug/L	97
65) N-BUTYLBENZENE	26.54	91	986224	9.32	ug/L	99
66) 1,2-DICHLOROBENZENE	27.05	146	347309	10.60	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.70	157	15290	10.87	ug/L	97
68) NITROBENZENE	28.90	77	131792	212.04	ug/L	92
69) 1,2,4-TRICHLOROBENZENE	30.62	180	143694	8.28	ug/L	99
70) HEXACHLOROBUTADIENE	30.88	225	84831	10.39	ug/L	97
71) NAPHTHALENE	31.31	128	163597	6.22	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.85	180	103104	8.12	ug/L	98

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

1109C10A.D HP110101.M

Fri Nov 09 19:41:27 2001

Page 2

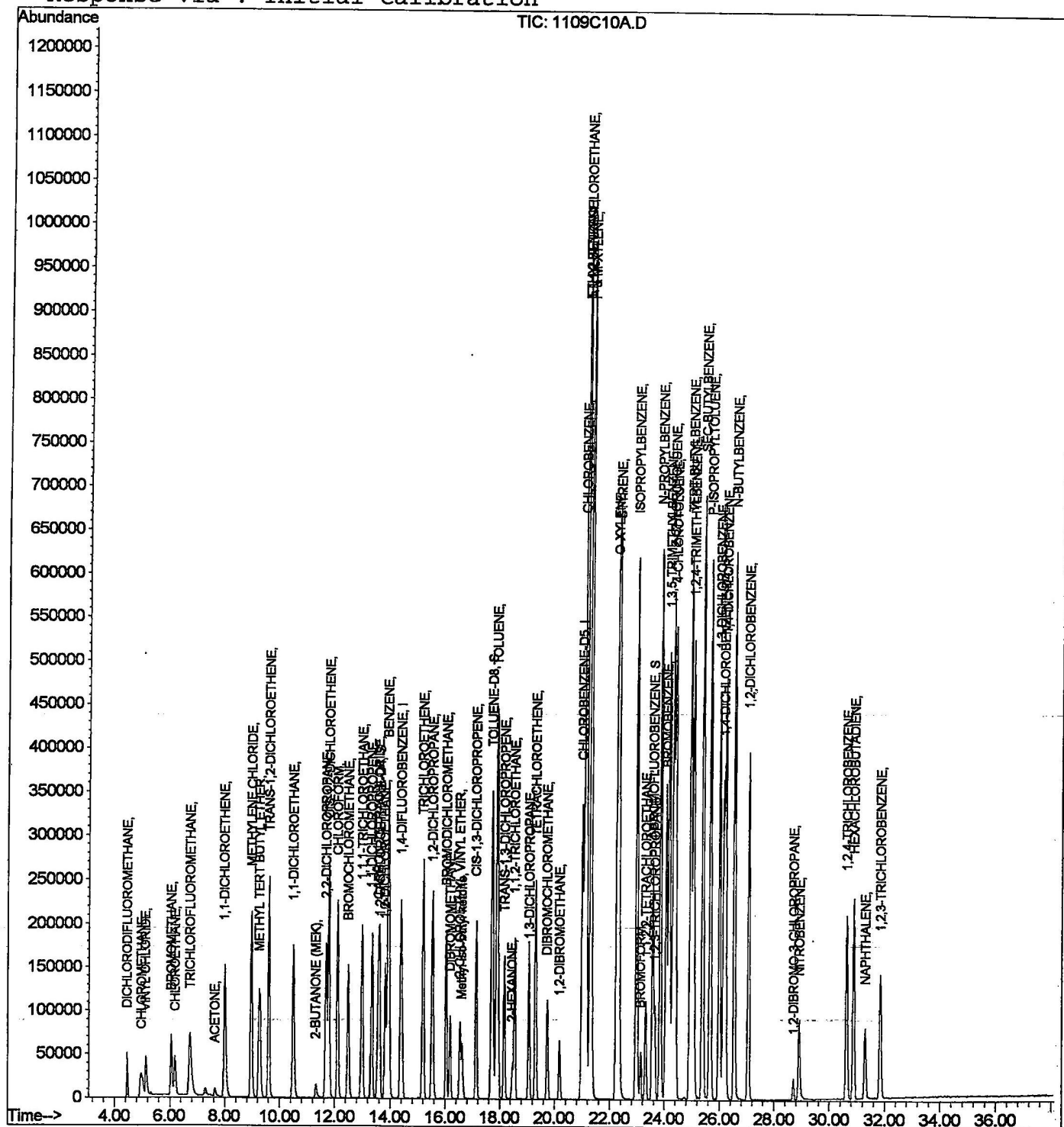
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\1109C10A.D
Acq On : 9 Nov 2001 7:02 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 19:41 2001

Vial: 6
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

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Method       : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Fri Nov 02 15:17:46 2001
Response via  : Initial Calibration
```



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/15/2001 Time: 11:39:03

Sample: AD26987
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 11/09/01 00:02 Ended: 11/14/01 00:02 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		6.4 ✓	.5
2	Surr - 4-BROMOFLUOROBENZE		5.0 ✓	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		0.55	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		27	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.1 ✓	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	*THM-Bromodichloromethan		3.8	.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/15/2001 Time: 11:39:03

Sample: AD26987
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 11/09/01 00:02 Ended: 11/14/01 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
49	1,3,5-trimethylbenzene		< MDL	.5
50	2-chlorotoluene		< MDL	.5
51	4-chlorotoluene		< MDL	.5
52	TERT-butylbenzene		< MDL	.5
53	1,2,4-trimethylbenzene		< MDL	.5
54	SEC-butylbenzene		< MDL	.5
55	P-isopropyltoluene		< MDL	.5
56	1,3-dichlorobenzene		< MDL	.5
57	1,4-dichlorobenzene		< MDL	.5
58	N-butylbenzene		< MDL	.5
59	1,2-dichlorobenzene		< MDL	.5
60	1,2,4-trichlorobenzene		< MDL	.5
61	Hexachlorobutadiene		< MDL	.5
62	Naphthalene		< MDL	.5
63	1,2,3-trichlorobenzene		< MDL	.5

Comments for Sample AD26987 - Analysis \$D_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-15-2001 Time: 11:39:08

THE PRESENCE OF METHYLENE CHLORIDE IS DUE TO LAB CONTAMINATION.
THE RECOVERY OF NAPHTHALENE IN THE CCV IS 62%.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV9\26987.D

Vial: 14

Acq On : 9 Nov 2001 9:12 pm

Operator:

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Nov 9 21:51 2001

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Nov 02 15:17:46 2001

Response via : Initial Calibration

DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.37	114	451768	5.00	ug/L	-0.07
22) CHLOROBENZENE-D5	20.98	117	411435	5.00	ug/L	-0.05
50) 1,4-DICHLOROBENZENE-D4	26.14	152	161666	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.60	65	170489	6.39	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	127.80%	✓
3) 4-BROMOFLUOROBENZENE	23.55	174	117504	5.00	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	100.00%	✓
23) TOLUENE-D8	17.69	98	632021	5.09	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	101.80%	✓
Target Compounds						
10) ACETONE	7.64	43	14574	5.95	ug/L	Qvalue 93
12) METHYLENE CHLORIDE	8.95	49	13863	0.55	ug/L	86
19) CHLOROFORM	12.11	83	815509	26.73	ug/L	100
31) BROMODICHLOROMETHANE	16.02	83	84314	3.81	ug/L	98
40) DIBROMOCHLOROMETHANE	19.74	129	3123	0.30	ug/L	96
44) 2-HEXANONE	18.51	43	1964	0.32	ug/L	27

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

26987.D HP110101.M Thu Nov 15 11:41:46 2001

Page 1

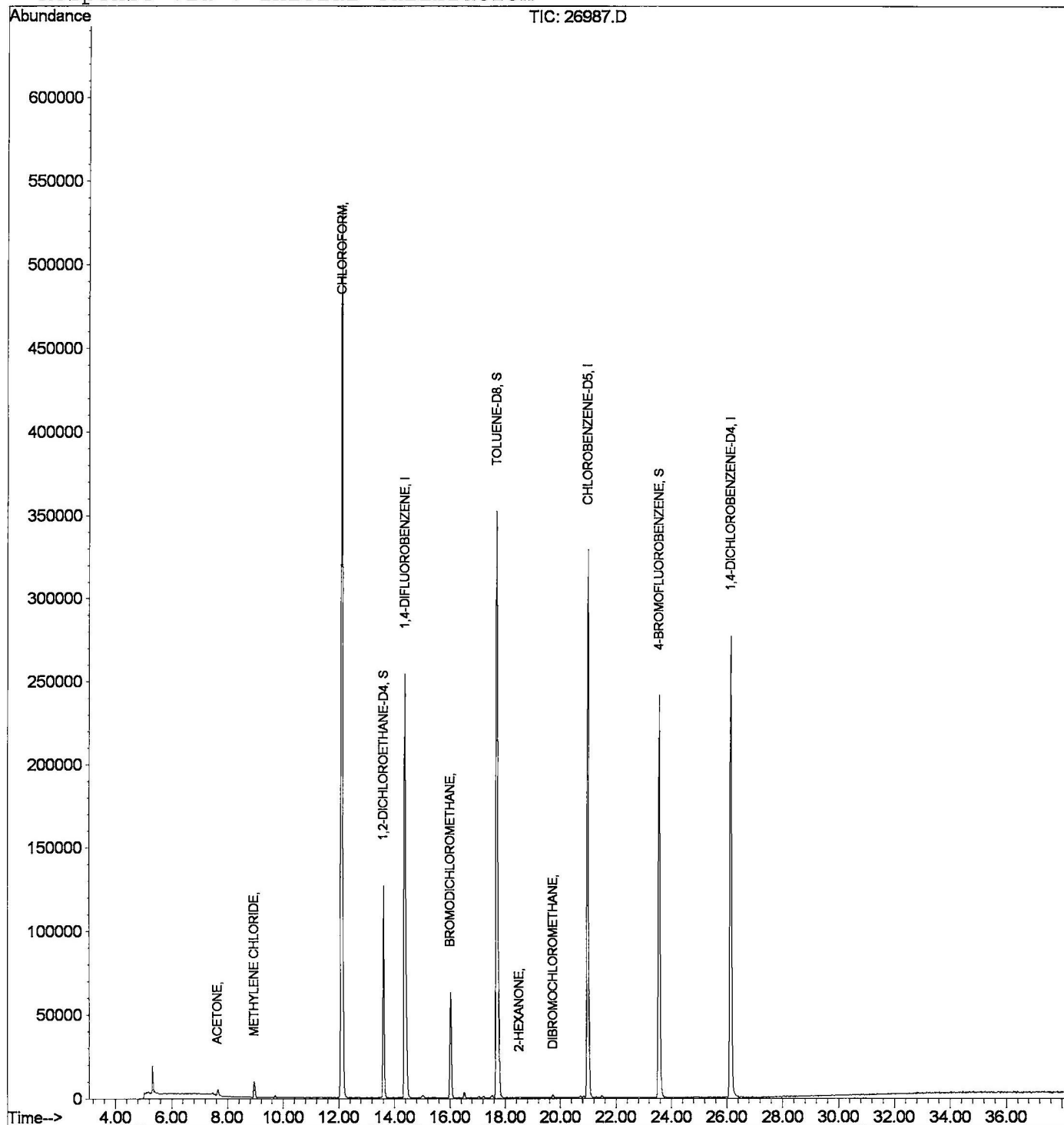
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV9\26987.D
Acq On : 9 Nov 2001 9:12 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 21:51 2001

Vial: 14
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Nov 14 17:34:41 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26987.D
 Acq On : 9 Nov 2001 9:12 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

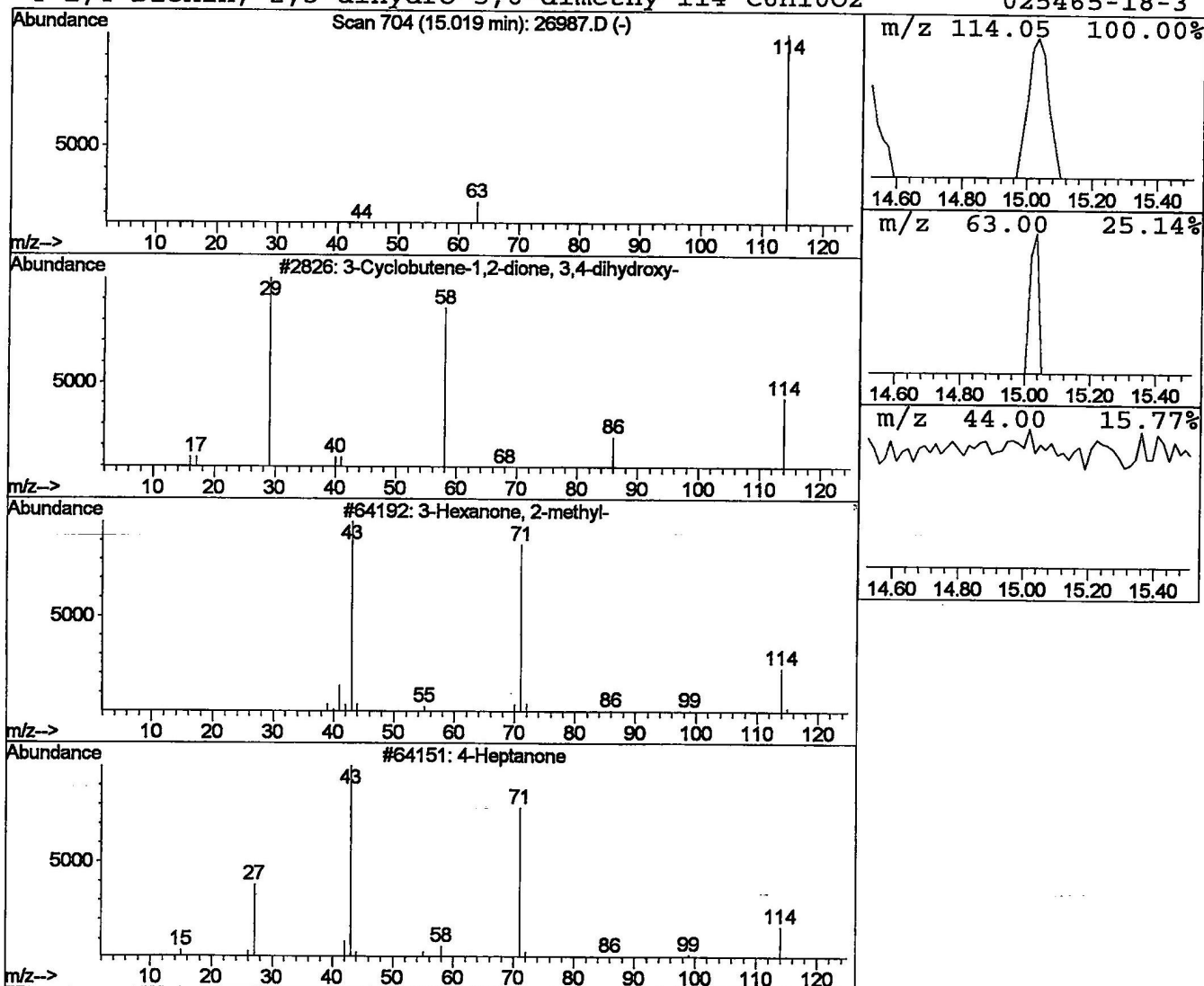
Vial: 14
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	0.03 ug/L	6353	1,4-DIFLUOROBENZENE	14.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3			4-Heptanone	114	C7H14O	000123-19-3	3
4			1,4-Dioxin, 2,3-dihydro-5,6-dimethy	114	C6H10O2	025465-18-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26987.D
 Acq On : 9 Nov 2001 9:12 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

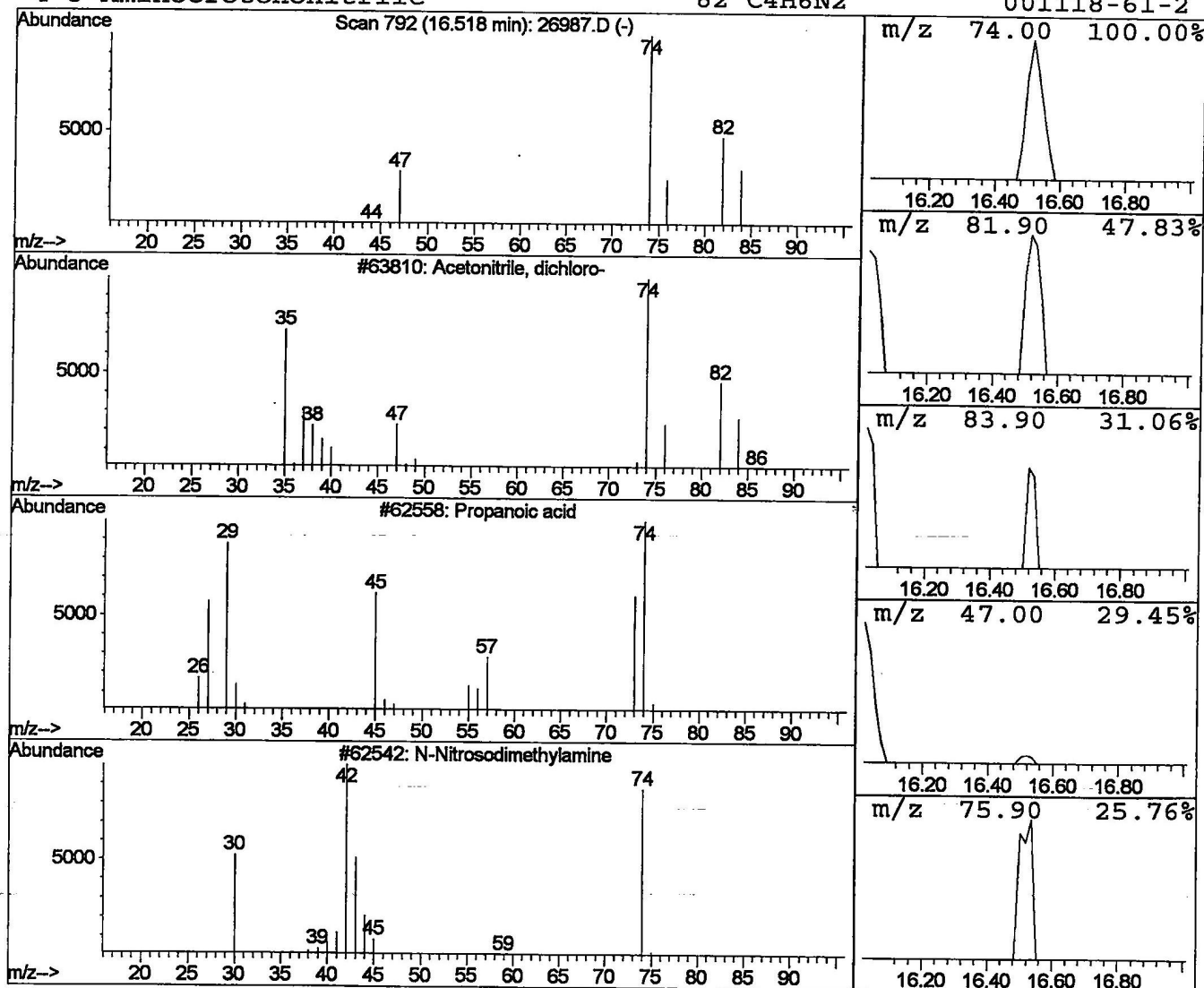
Vial: 14
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.04 ug/L	9680	1,4-DIFLUOROBENZENE	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2	Propanoic acid	74	C3H6O2	000079-09-4	3
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2
4	3-Aminocrotonitrile	82	C4H6N2	001118-61-2	2



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/15/2001 Time: 11:54:21

Sample: AD26987
 Analysis: SC3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/10/01 00:03 Ended: 11/10/01 00:03 Analyst: BH
 Result source: manual entry
 Page: 1

CCV 130%

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4	USPEC	6.6	.5
2	Surr_4-BROMOFLUOROBENZEN		6.0	.5
3	Dichlorodifluoromethane		7.0	.5
4	Chloromethane		13	.5
5	Vinyl chloride	USPEC	13	.5
6	Bromomethane		9.4	.5
7	Chloroethane		12	.5
8	Trichlorofluoromethane		11	.5
9	1,1-Dichloroethene		12	.5
10	Methylene Chloride		13	.5
11	Methyl tert-butyl ether		7.8	1.0
12	trans-1,2-dichloroethene		12	.5
13	1,1-dichloroethane		12	.5
14	2-butanone (MEK)		11	2.0
15	2,2-dichloropropane		9.3	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		12	.5
18	Bromochloromethane		13	.5
19	1,2-dichloroethane	USPEC	14	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1-trichloroethane		11	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		11	.5
24	Benzene		11	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		11	.5
27	Dibromomethane		9.5	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		12	1.0
30	cis-1,3-dichloropropene		11	.5
31	Toluene		11	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		9.3	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		22	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		13	.5
44	Bromoform		11	2.0
45	Isopropylbenzene		9.3	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		9.5	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/15/2001 Time: 11:54:21

Sample: AD26987
Analysis: SC3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/10/01 00:03 Ended: 11/10/01 00:03 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		9.2	.5
49	1,3,5-trimethylbenzene		9.4	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		9.2	.5
52	TERT-butylbenzene		8.9	.5
53	1,2,4-trimethylbenzene		9.3	.5
54	SEC-butylbenzene		9.3	.5
55	P-Isopropyltoluene		9.1	.5
56	1,3-dichlorobenzene		9.5	.5
57	1,4-dichlorobenzene		9.6	.5
58	N-butylbenzene		8.6	.5
59	1,2-dichlorobenzene		9.7	.5
60	1,2,4-trichlorobenzene		8.5	.5
61	Hexachlobutadiene		9.3	.5
62	Naphthalene		7.6	.5
63	1,2,3-trichlorobenzene		8.8	.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\1109C10B.D
 Acq On : 10 Nov 2001 3:44 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 4:22 2001

Vial: 6
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	383991	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	21.00	117	358865	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.14	152	183681	5.00	ug/L	-0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.62	65	149498	6.60	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	132.00%	fail
3) 4-BROMOFLUOROBENZENE	23.57	174	120094	6.02	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	120.40%	
23) TOLUENE-D8	17.71	98	558058	5.15	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	103.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	71369	6.96	ug/L	99
5) CHLOROMETHANE	4.99	50	124889	12.63	ug/L	99
6) VINYL CHLORIDE	5.13	62	99389	13.29	ug/L	98
7) BROMOMETHANE	6.05	94	87743	9.37	ug/L	96
8) CHLOROETHANE	6.18	64	77400	11.51	ug/L	94
9) TRICHLOROFLUOROMETHANE	6.73	101	180619	10.98	ug/L	99
10) ACETONE	7.66	43	29260	14.06	ug/L	90
11) 1,1-DICHLOROETHENE	8.00	61	242697	12.27	ug/L	91
12) METHYLENE CHLORIDE	8.97	49	273637	12.67	ug/L	89
13) METHYL TERT BUTYL ETHER	9.26	73	285449	7.79	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.62	61	268157	12.09	ug/L	90
15) 1,1-DICHLOROETHANE	10.50	63	352080	12.12	ug/L	99
16) 2-BUTANONE (MEK)	11.32	43	47674	11.31	ug/L	93
17) 2,2-DICHLOROPROPANE	11.70	77	202964	9.30	ug/L	96
18) CIS-1,2-DICHLOROETHENE	11.78	96	167379	10.71	ug/L	80
19) CHLOROFORM	12.12	83	309949	11.95	ug/L	99
20) BROMOCHLOROMETHANE	12.50	49	169977	13.10	ug/L	89
21) 1,2-DICHLOROETHANE	13.83	62	214092	13.52	ug/L	100
24) 1,1,1-TRICHLOROETHANE	12.99	97	242397	11.35	ug/L	99
25) 1,1-DICHLOROPROPENE	13.35	75	242505	10.39	ug/L	97
26) CARBON TETRACHLORIDE	13.57	117	180893	11.02	ug/L	99
27) BENZENE	13.91	78	769596	10.54	ug/L	100
28) TRICHLOROETHENE	15.19	95	176443	10.29	ug/L	94
29) 1,2-DICHLOROPROPANE	15.55	63	215336	11.16	ug/L	98
30) DIBROMOMETHANE	16.19	174	44211	9.49	ug/L	71
31) BROMODICHLOROMETHANE	16.04	83	220257	11.40	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.54	63	66552	12.16	ug/L	96
33) Methyl iso-butyl ketone	16.62	58	36393	12.37	ug/L	79

(#) = qualifier out of range (m) = manual integration
 1109C10B.D HP110101.M Sat Nov 10 04:22:57 2001

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\1109C10B.D
 Acq On : 10 Nov 2001 3:44 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 4:22 2001

Vial: 6
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.13	75	272246	10.78	ug/L	98
35) TOLUENE	17.90	91	799334	10.62	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.17	75	212515	11.37	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.55	97	101334	10.75	ug/L	97
38) TETRACHLOROETHENE	19.31	166	117291	9.32	ug/L	90
39) 1,3-DICHLOROPROPANE	19.07	76	217984	11.31	ug/L	99
40) DIBROMOCHLOROMETHANE	19.76	129	97572	10.76	ug/L	100
41) 1,2-DIBROMOETHANE	20.20	107	87524	10.76	ug/L	100
42) CHLOROBENZENE	21.08	112	475386	10.49	ug/L	94
43) 1,1,1,2-TETRACHLOROETHANE	21.12	131	139348	10.97	ug/L	99
44) 2-HEXANONE	18.46	43	73900	13.88	ug/L	90
45) ETHYLBENZENE	21.14	91	991733	11.10	ug/L	98
46) P & M-XYLENE	21.29	106	678887	21.70	ug/L	95
47) O-XYLENE	22.26	91	796069	11.49	ug/L	98
48) STYRENE	22.31	104	561181	11.34	ug/L	95
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	122755	12.64	ug/L	99
51) BROMOFORM	23.15	173	39448	10.66	ug/L	98
52) ISOPROPYLBENZENE	22.98	105	871508	9.28	ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.66	110	30142	10.20	ug/L	94
54) N-PROPYLBENZENE	23.84	91	1207359	9.47	ug/L	98
55) BROMOBENZENE	24.07	156	151034	9.16	ug/L	85
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	753032	9.39	ug/L	97
57) 2-CHLOROTOLUENE	24.32	91	785361	10.31	ug/L	96
58) 4-CHLOROTOLUENE	24.39	91	685299	9.17	ug/L	96
59) TERT-BUTYLBENZENE	24.95	134	143642	8.90	ug/L	87
60) 1,2,4-TRIMETHYLBENZENE	25.04	105	776196	9.25	ug/L	97
61) SEC-BUTYLBENZENE	25.41	105	1031065	9.29	ug/L	98
62) P-ISOPROPYLTOLUENE	25.67	119	788079	9.12	ug/L	97
63) 1,3-DICHLOROBENZENE	26.01	146	344120	9.45	ug/L	98
64) 1,4-DICHLOROBENZENE	26.23	146	343791	9.58	ug/L	97
65) N-BUTYLBENZENE	26.55	91	826192	8.56	ug/L	97
66) 1,2-DICHLOROBENZENE	27.06	146	290249	9.71	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.72	157	13085	10.19	ug/L	95
68) NITROBENZENE	28.90	77	117617	207.44	ug/L	91
69) 1,2,4-TRICHLOROBENZENE	30.64	180	134619	8.51	ug/L	97
70) HEXACHLOROBUTADIENE	30.90	225	68938	9.26	ug/L	97
71) NAPHTHALENE	31.31	128	183337	7.64	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.87	180	101833	8.79	ug/L	98

(#) = qualifier out of range (m) = manual integration
 1109C10B.D HP110101.M Sat Nov 10 04:23:00 2001

Page 2

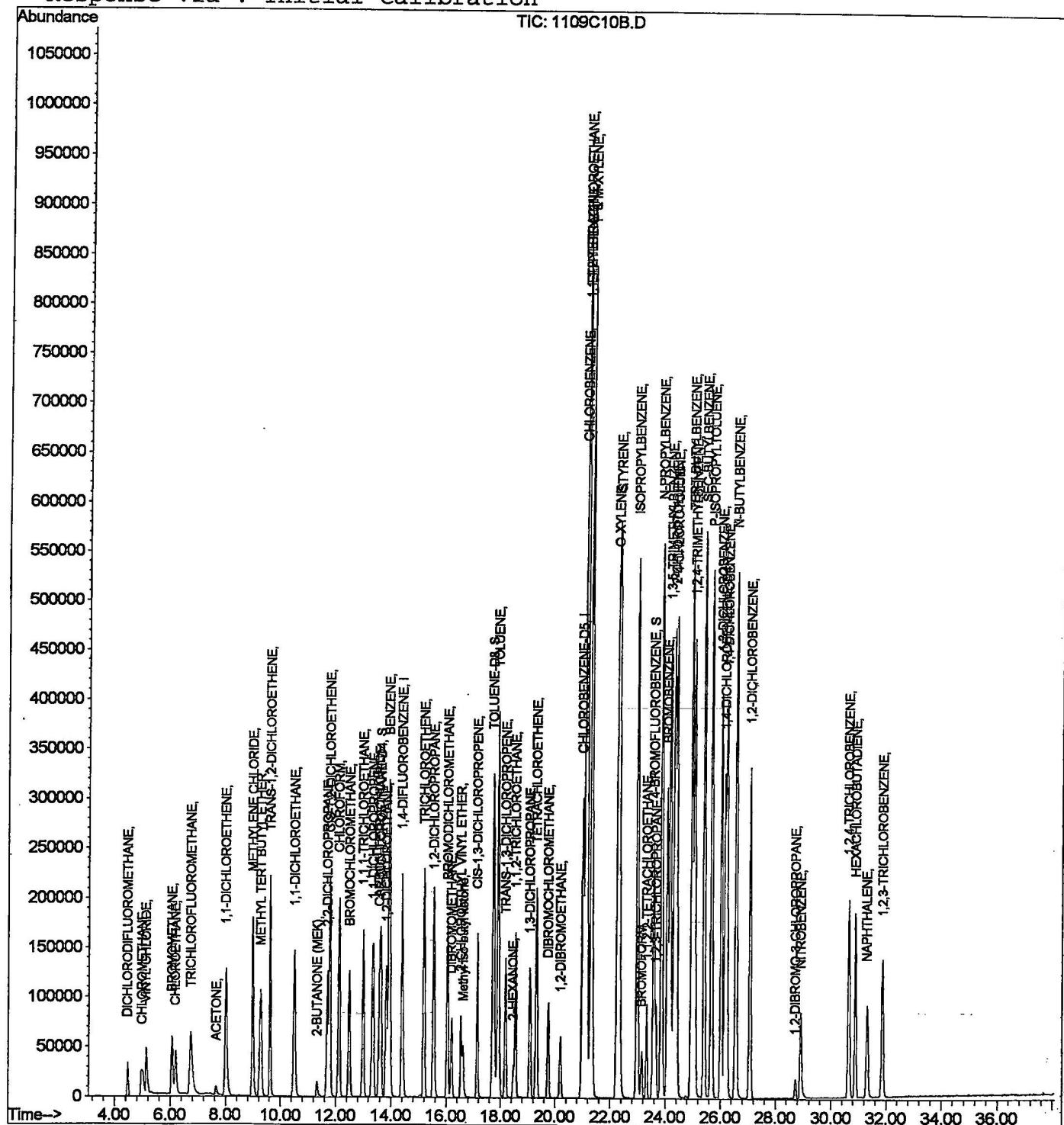
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\1109C10B.D
Acq On : 10 Nov 2001 3:44 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 10 4:22 2001

Vial: 6
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:32:29

Sample: AD27011
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/10/01 00:05 Ended: 11/10/01 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\27011.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.6		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		33		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		5.2		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

0.05

Acetone - 19
Acetone in FBa-21 + 40
one out of 3 surrogates is
2% above the upper
control limit

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:32:29

Sample: AD27011

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/10/01 00:05 Ended: 11/10/01 00:05 Analyst: BH

Result source: m:\instruments\206\rrfiles\27011.rr

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\27011.D
 Acq On : 10 Nov 2001 5:11 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 5:49 2001

Vial: 15
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	397533	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	21.00	117	361736	5.00	ug/L	-0.04
50) 1,4-DICHLOROBENZENE-D4	26.16	152	145424	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	155172	6.61	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	132.20%	
3) 4-BROMOFLUOROBENZENE	23.57	174	105646	5.11	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	102.20%	
23) TOLUENE-D8	17.73	98	567294	5.19	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	103.80%	
Target Compounds						
10) ACETONE	7.66	43	40840	18.96	ug/L	Qvalue 92
16) 2-BUTANONE (MEK)	11.35	43	1131	0.26	ug/L	57
19) CHLOROFORM 33	12.12	83	881750	32.84	ug/L	99
31) BROMODICHLOROMETHANE 5.2	16.04	83	101609	5.22	ug/L	100
40) DIBROMOCHLOROMETHANE 27	19.75	129	2497	0.27	ug/L	97

 (#) = qualifier out of range (m) = manual integration
 27011.D HP110101.M Sat Nov 10 05:50:09 2001

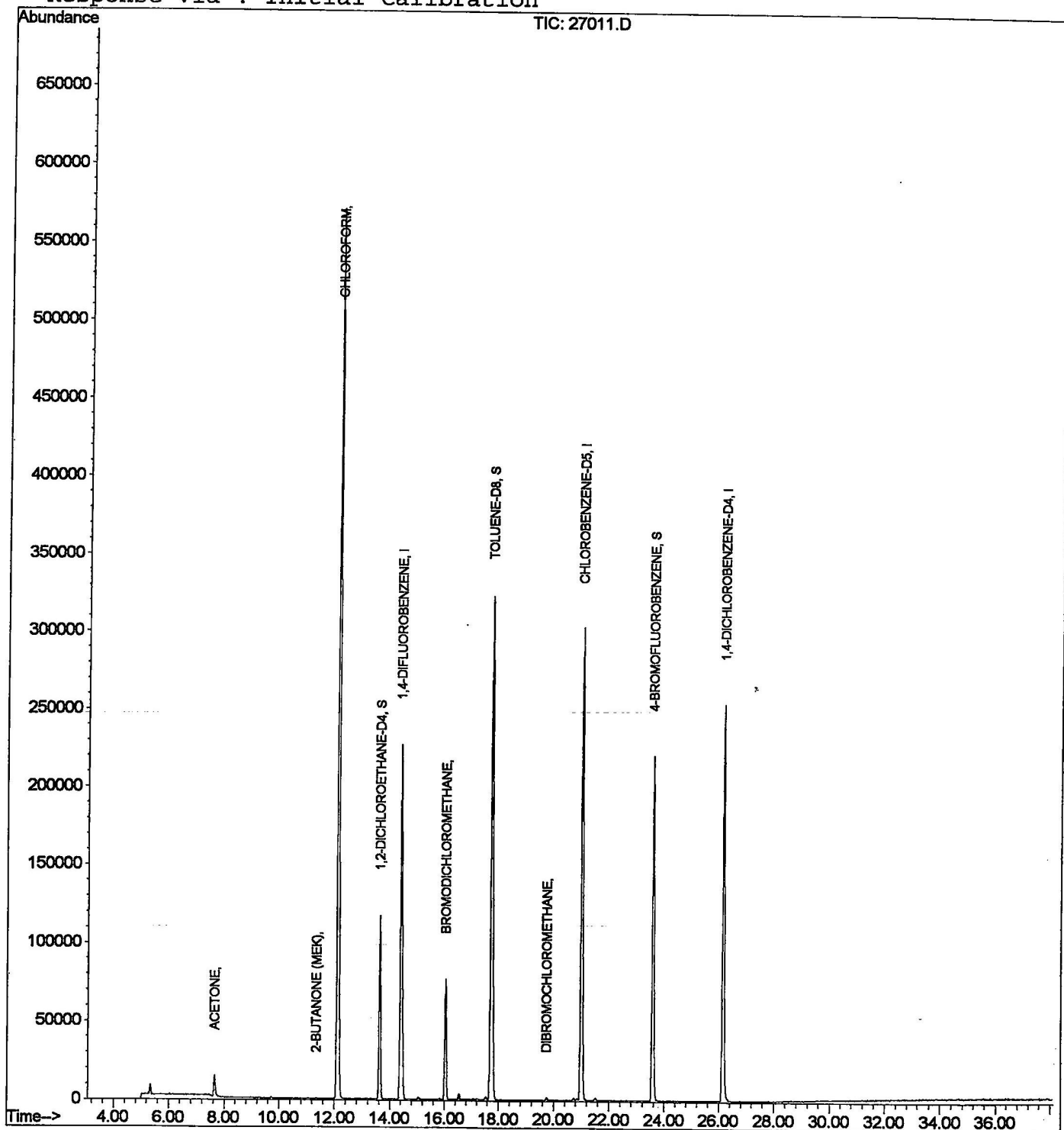
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\27011.D
 Acq On : 10 Nov 2001 5:11 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 5:49 2001

Vial: 15
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\27011.D
Acq On : 10 Nov 2001 5:11 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)

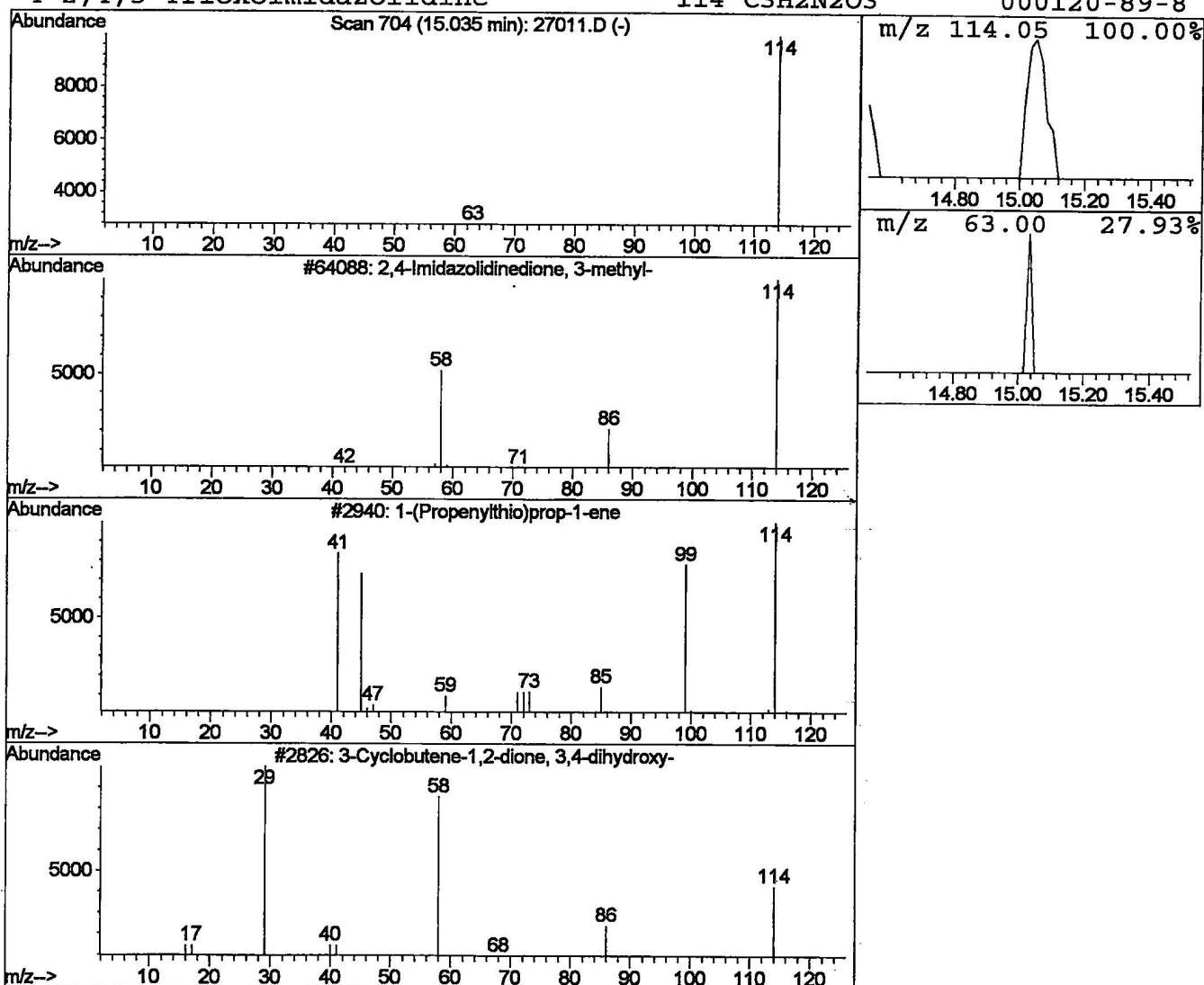
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	0.02 ug/L	5058	1,4-DIFLUOROBENZENE	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



Library Search Compound Report

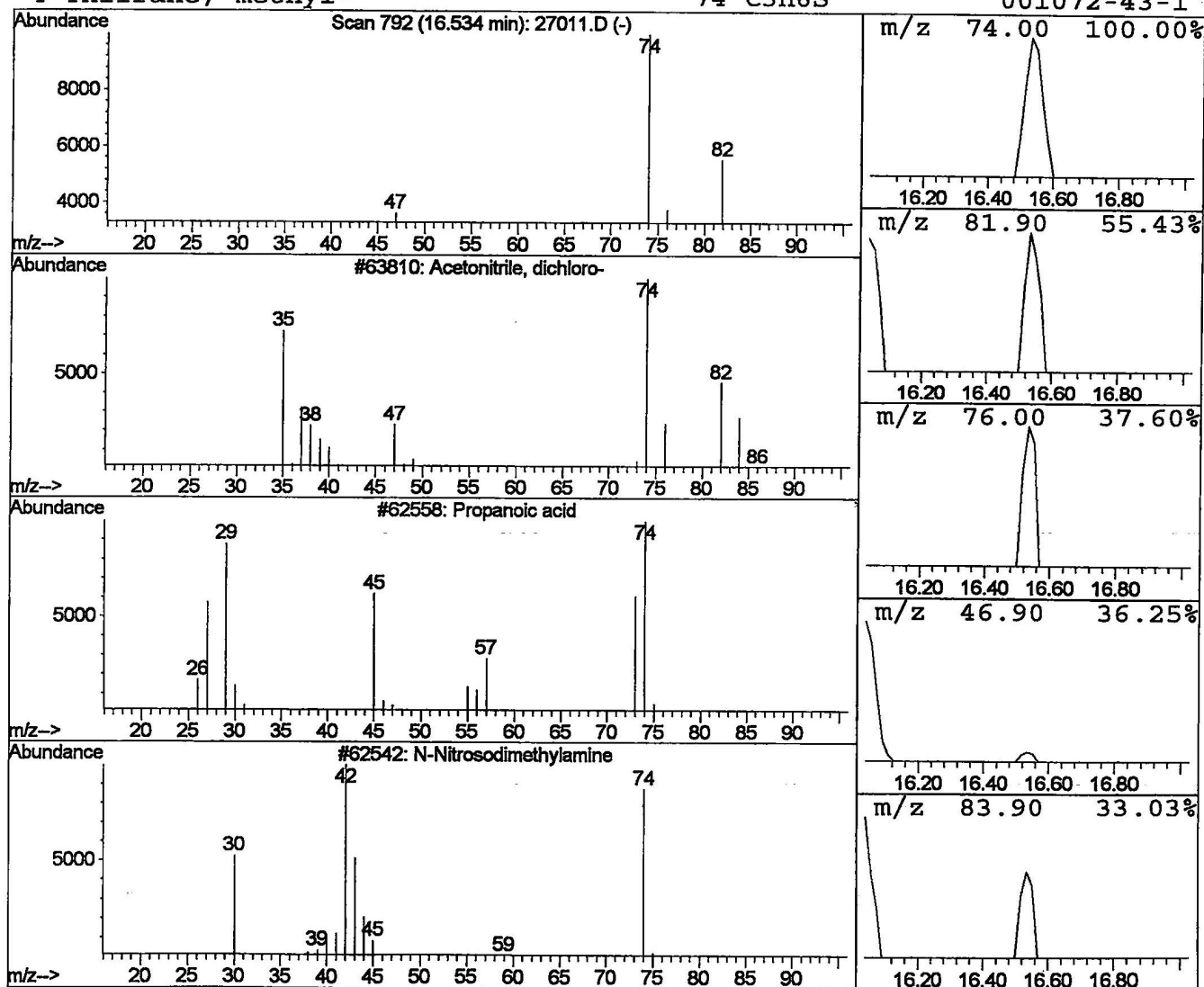
Data File : C:\HPCHEM\1\DATA\01nov9\27011.D
 Acq On : 10 Nov 2001 5:11 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

Vial: 15
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.53	0.05 ug/L	10975	1,4-DIFLUOROBENZENE	14.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	8
2	Propanoic acid	74	C3H6O2	000079-09-4	2
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2
4	Thiirane, methyl-	74	C3H6S	001072-43-1	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 16:33:30

Sample: AD27012
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/10/01 00:05 Ended: 11/10/01 00:05 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27012.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		19		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1-trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		3.3		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

570

Acetone - 16
 acetone in FB's - 21+40

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:33:30

Sample: AD27012
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/10/01 00:05 Ended: 11/10/01 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\27012.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\27012.D
 Acq On : 10 Nov 2001 5:54 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 6:33 2001

Vial: 16
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	375898	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	21.00	117	353510	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	139049	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	149726	6.75	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	135.00%	
3) 4-BROMOFLUOROBENZENE	23.57	174	99314	5.08	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	101.60%	
23) TOLUENE-D8	17.71	98	551149	5.16	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	103.20%	
Target Compounds						
10) ACETONE	7.66	43	33518	16.46	ug/L	Qvalue 93
19) CHLOROFORM /9	12.12	83	479166	18.87	ug/L	100
31) BROMODICHLOROMETHANE 3.3	16.04	83	62568	3.29	ug/L	100
40) DIBROMOCHLOROMETHANE	19.75	129	1424	0.16	ug/L	91

 (#) = qualifier out of range (m) = manual integration
 27012.D HP110101.M Sat Nov 10 06:33:39 2001

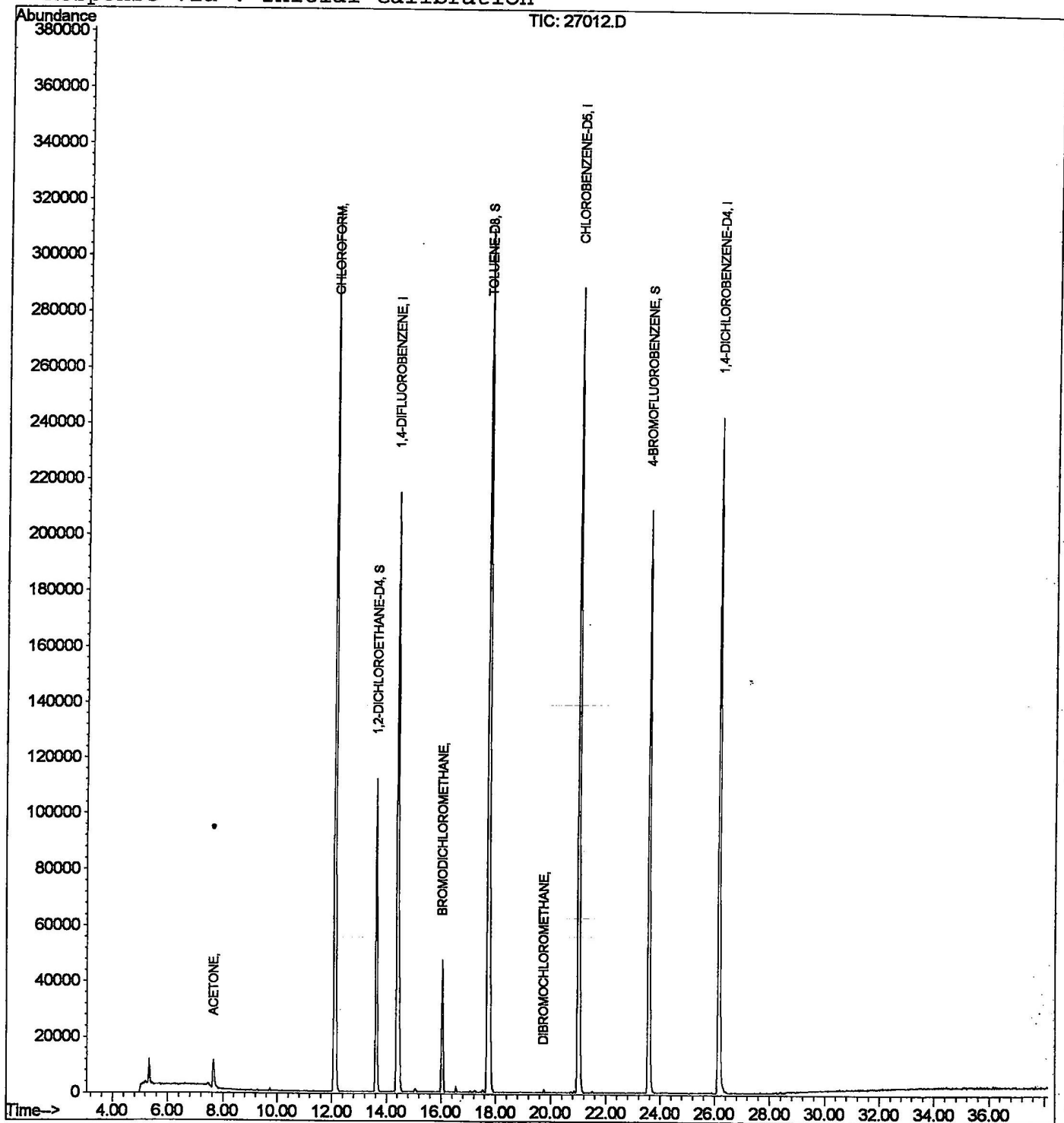
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\27012.D
Acq On : 10 Nov 2001 5:54 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 10 6:33 2001

Vial: 16
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\01NOV9\27012.D
 Acq On : 10 Nov 2001 5:54 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

Vial: 16
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0
 Filtering: 5
 Min Area: 5000 Area counts
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	14.388	661	666	678	rVB	214677	961335	100.00%	84.844%
2	16.041	758	763	769	rVB	47336	171724	17.86%	15.156%

Sum of corrected areas: 1133059

27012.D HP110101.M Tue Nov 13 16:35:21 2001

No individual compound reports would generate.
BH

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 16:35:59

Sample: AD27013
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/10/01 00:06 Ended: 11/10/01 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27013.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform	27			.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane	4.1			.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

4%

0.05

Acetone - 12
 Acetone in FB's - 21 & 40

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:35:59

Sample: AD27013
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/10/01 00:06 Ended: 11/10/01 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\27013.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\27013.D
 Acq On : 10 Nov 2001 6:38 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 7:17 2001

Vial: 17
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	380978	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	21.00	117	349099	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	137391	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	150424	6.69	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	133.80%	
3) 4-BROMOFLUOROBENZENE	23.57	174	98602	4.98	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	99.60%	
23) TOLUENE-D8	17.71	98	542674	5.15	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	103.00%	
Target Compounds						
10) ACETONE	7.66	43	25083	12.15	ug/L	Qvalue 92
16) 2-BUTANONE (MEK)	11.35	43	2022	0.48	ug/L	57
19) CHLOROFORM 27	12.12	83	699501	27.19	ug/L	99
31) BROMODICHLOROMETHANE 4.1	16.04	83	77812	4.14	ug/L	99
40) DIBROMOCHLOROMETHANE 2.3	19.75	129	2063	0.23	ug/L	93

 (#) = qualifier out of range (m) = manual integration
 27013.D HP110101.M Sat Nov 10 07:17:14 2001

Page 1

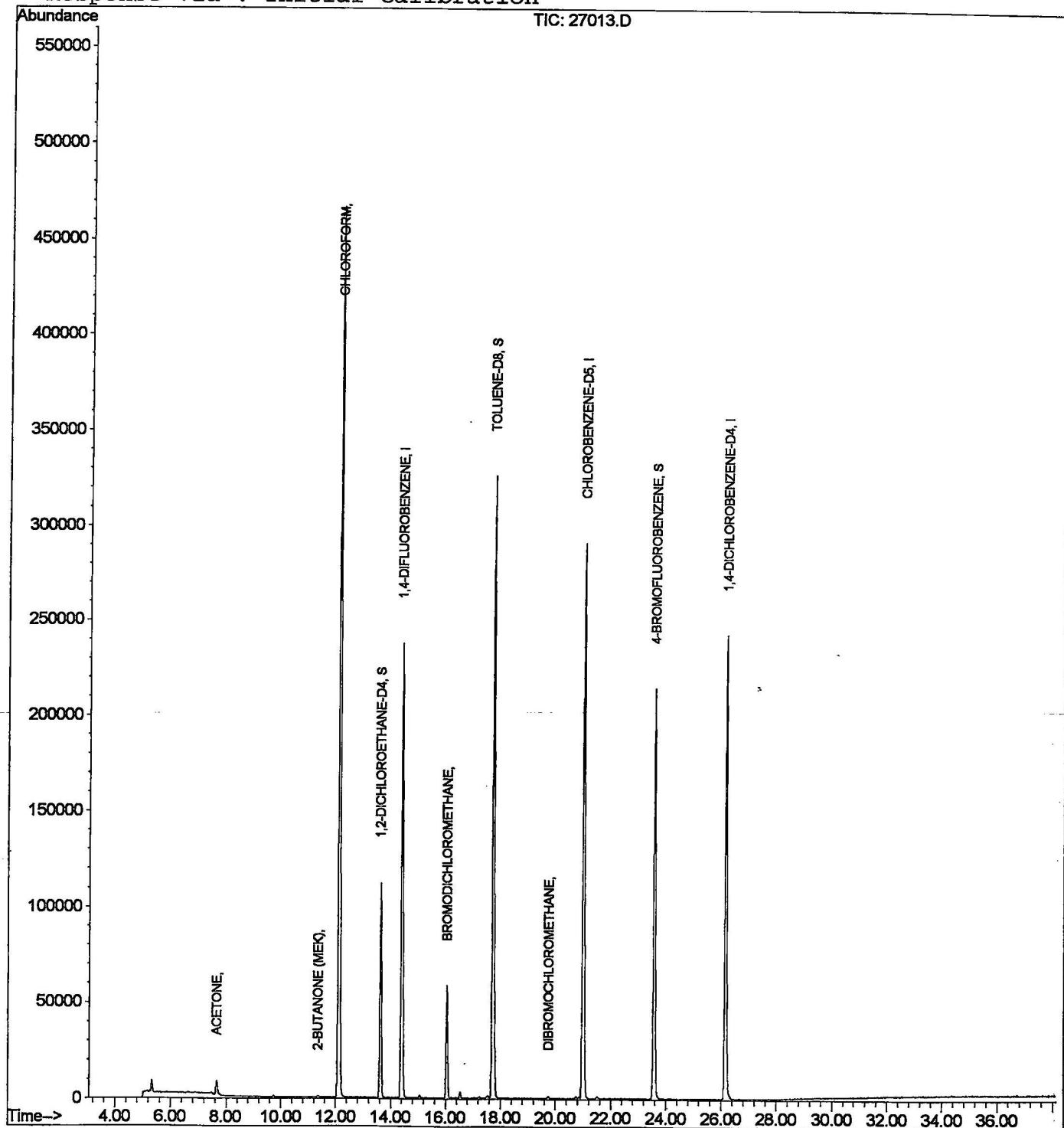
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\27013.D
Acq On : 10 Nov 2001 6:38 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 10 7:17 2001

Vial: 17
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\27013.D
 Acq On : 10 Nov 2001 6:38 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

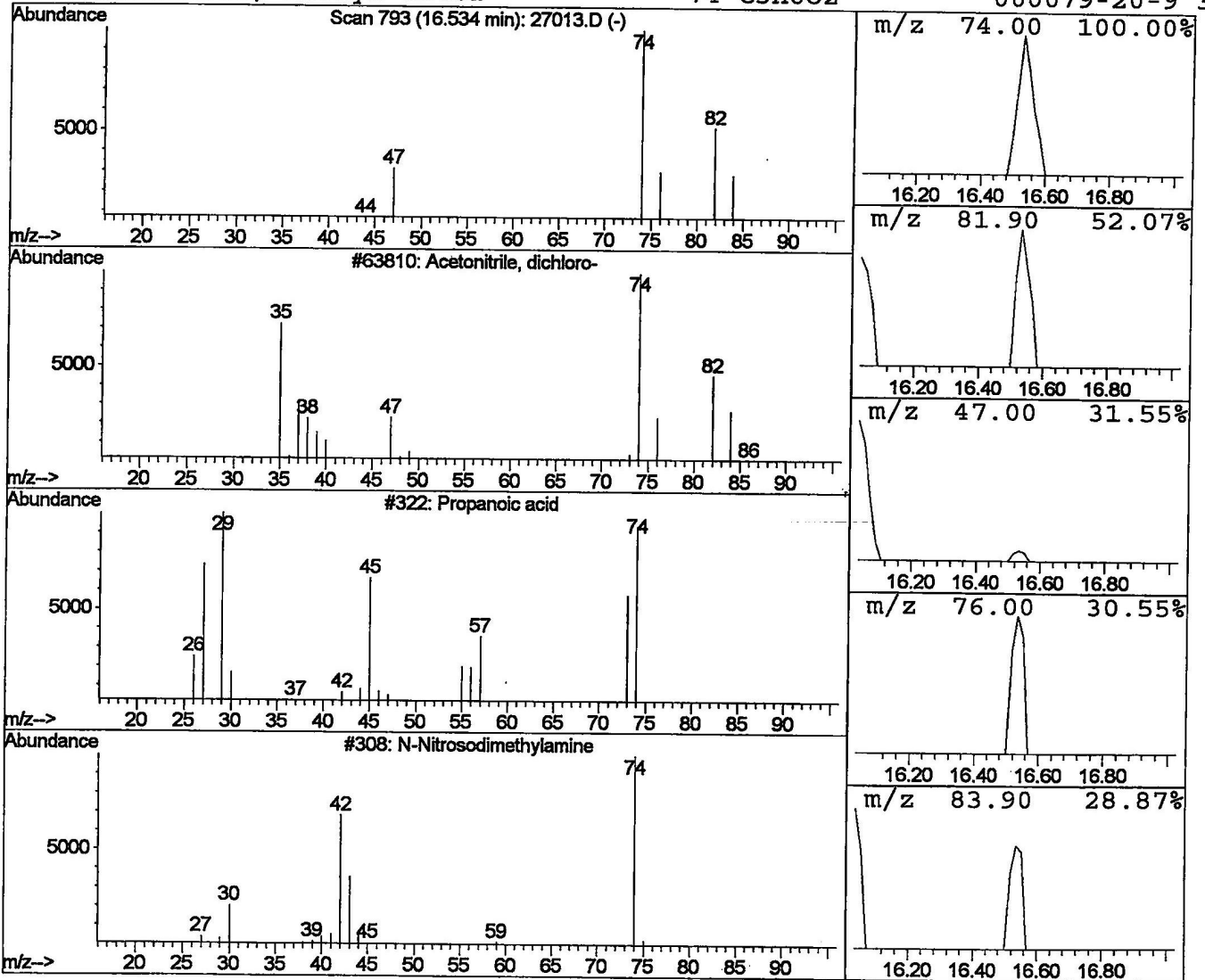
Vial: 17
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	0.05 ug/L	10131	1,4-DIFLUOROBENZENE	14.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2		Propanoic acid	74	C3H6O2	000079-09-4	3
3		N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
4		Acetic acid, methyl ester	74	C3H6O2	000079-20-9	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/13/2001 Time: 16:38:36

Sample: AD27014

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/10/01 00:07 Ended: 11/10/01 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\27014.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		36		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		5.4		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

570

0.05

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:38:36

Sample: AD27014

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/10/01 00:07 Ended: 11/10/01 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\27014.rr

Page: 2

	Component Name	Vol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\27014.D
 Acq On : 10 Nov 2001 7:21 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 8:00 2001

Vial: 18
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	378744	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	346705	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	136905	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	150748	6.74	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	134.80%	
3) 4-BROMOFLUOROBENZENE	23.57	174	97953	4.98	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	99.60%	
23) TOLUENE-D8	17.73	98	536060	5.12	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	102.40%	
Target Compounds						
10) ACETONE	7.66	43	14308	6.97	ug/L	92
16) 2-BUTANONE (MEK)	11.37	43	2583	0.62	ug/L	57
19) CHLOROFORM 36	12.12	83	913297	35.70	ug/L	100
31) BROMODICHLOROMETHANE 5.4	16.04	83	100989	5.41	ug/L	99
40) DIBROMOCHLOROMETHANE 30	19.75	129	2670	0.30	ug/L	96

Qvalue
 92
 57
 100
 99
 96

(#) = qualifier out of range (m) = manual integration
 27014.D HP110101.M Sat Nov 10 08:00:42 2001

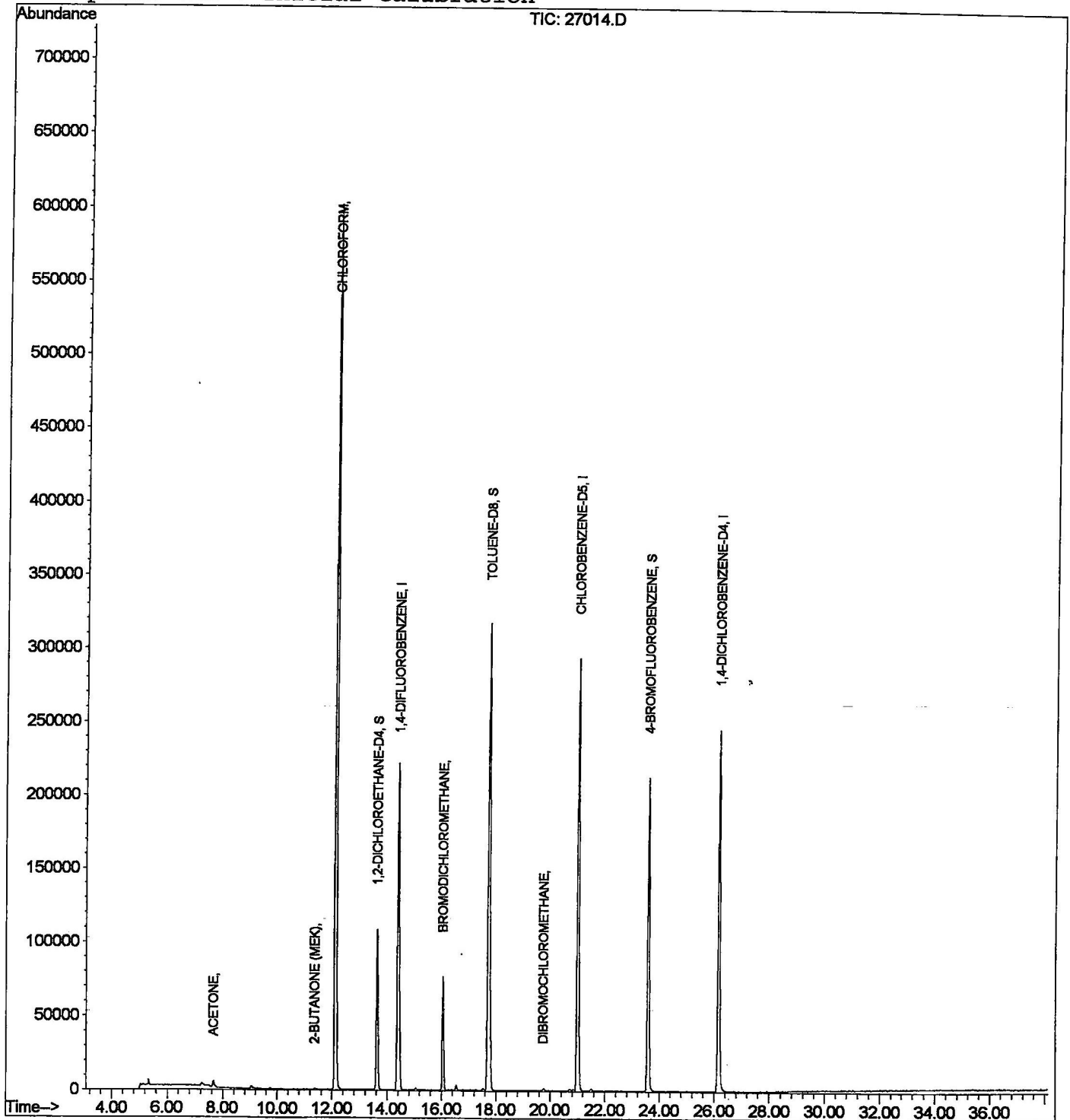
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\27014.D
Acq On : 10 Nov 2001 7:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 10 8:00 2001

Vial: 18
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



27014.D HP110101.M

Sat Nov 10 08:00:46 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\27014.D
Acq On : 10 Nov 2001 7:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

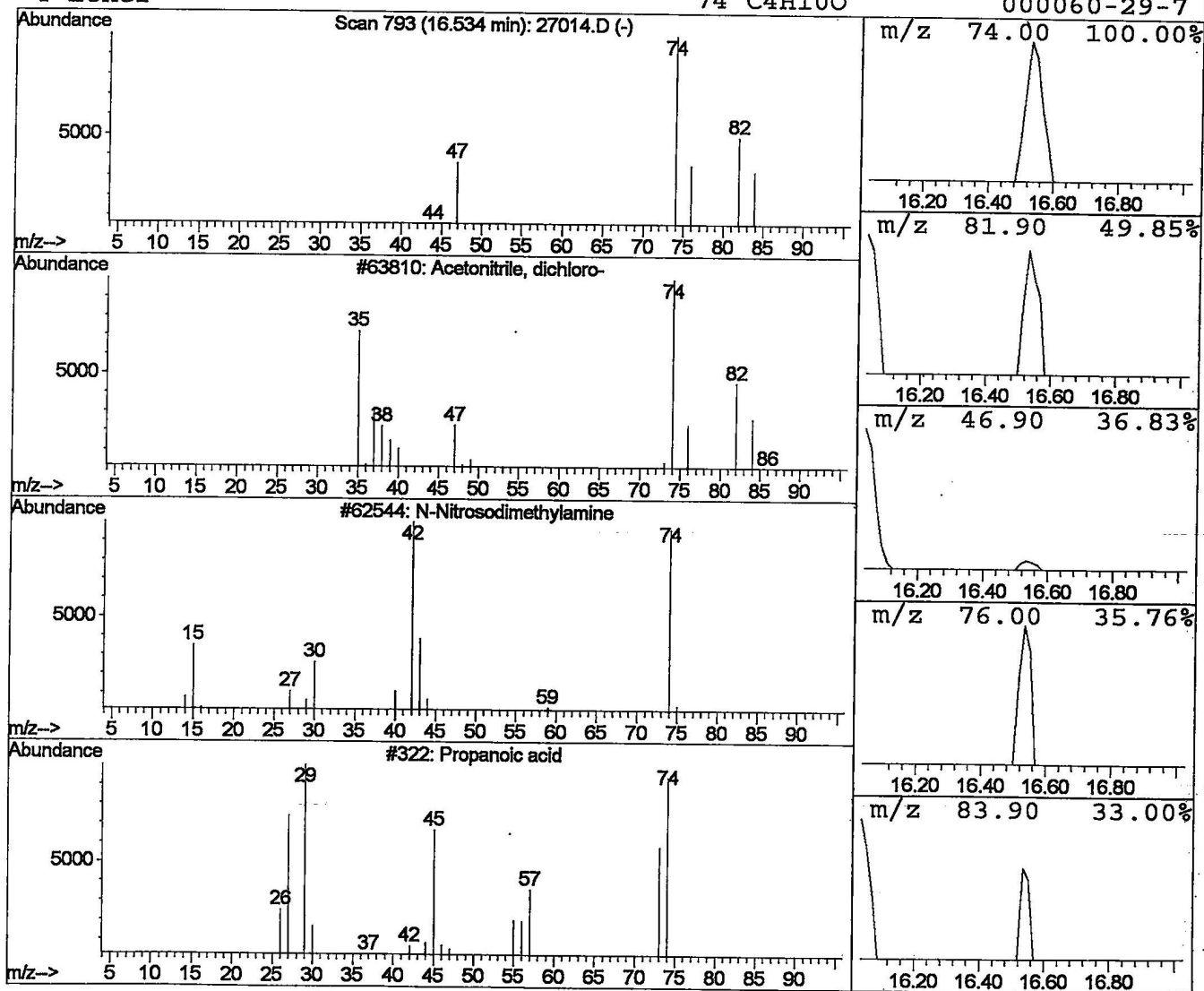
Vial: 18
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	0.05 ug/L	10664	1,4-DIFLUOROBENZENE	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
2			N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
3			Propanoic acid	74	C3H6O2	000079-09-4	3
4			Ether	74	C4H10O	000060-29-7	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:40:50

Sample: AD27015

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/10/01 00:08 Ended: 11/10/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\27015.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.6		.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		22		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		3.6		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

170

acetone - 20
acetone in FB's -
21 & 40

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 16:40:50

Sample: AD27015
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/10/01 00:08 Ended: 11/10/01 00:08 Analyst: BH
Result source: m:\instruments\206\rrfiles\27015.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\27015.D
 Acq On : 10 Nov 2001 8:05 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 8:44 2001

Vial: 19
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	378049	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	21.00	117	343911	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	134372	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	146232	6.55	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	131.00%	✓
3) 4-BROMOFLUOROBENZENE	23.57	174	94991	4.83	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	96.60%	✓
23) TOLUENE-D8	17.73	98	535328	5.16	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	103.20%	✓
Target Compounds						
10) ACETONE	7.66	43	41302	20.16	ug/L	Qvalue 94
16) 2-BUTANONE (MEK)	11.36	43	1959	0.47	ug/L	57
19) CHLOROFORM 22	12.12	83	556014	21.78	ug/L	99
31) BROMODICHLOROMETHANE 3.6	16.04	83	66482	3.59	ug/L	97
40) DIBROMOCHLOROMETHANE	19.75	129	1447	0.17	ug/L	99

(#) = qualifier out of range (m) = manual integration
 27015.D HP110101.M Sat Nov 10 08:44:17 2001

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\27015.D
 Acq On : 10 Nov 2001 8:05 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 10 8:44 2001

Vial: 19
 Operator:
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Nov 02 15:17:46 2001
 Response via : Initial Calibration

