

The CCV's in this batch have
several analytes which fail
high. Since the samples were
mostly clean, I let them go.
We will work on eliminating the
failures.

Pandy

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:11:47

Sample: AD27764

Analysis: \$B1524 Volatile Organic Compounds-Blank

Units: ug

Started: 11/15/01 00:08 Ended: 11/15/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\1115bl1.rr

Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.5
2	Surr - 4-BROMOFLUOROBENZ		4.4
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.0
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 ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< 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-TETRACHLOROETHA		< 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-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:11:47

Sample: AD27764
Analysis: \$B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 11/15/01 00:08 Ended: 11/15/01 00:08 Analyst: BH
Result source: m:\instruments\206\rrfiles\1115b11.rr
Page: 2

	Component Name	Viol	Result
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-CHLOROPRO		< 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\01nov15\1115BL1.D
 Acq On : 15 Nov 2001 8:49 am
 Sample : lb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 9:28 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	565921	5.00	ug/L	-0.05
22) CHLOROBENZENE-D5	21.00	117	444032	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	184589	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	183552	5.50	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	110.00%	
3) 4-BROMOFLUOROBENZENE	23.57	174	129358	4.40	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	88.00%	
23) TOLUENE-D8	17.71	98	675029	5.04	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	100.80%	

Target Compounds

Qvalue

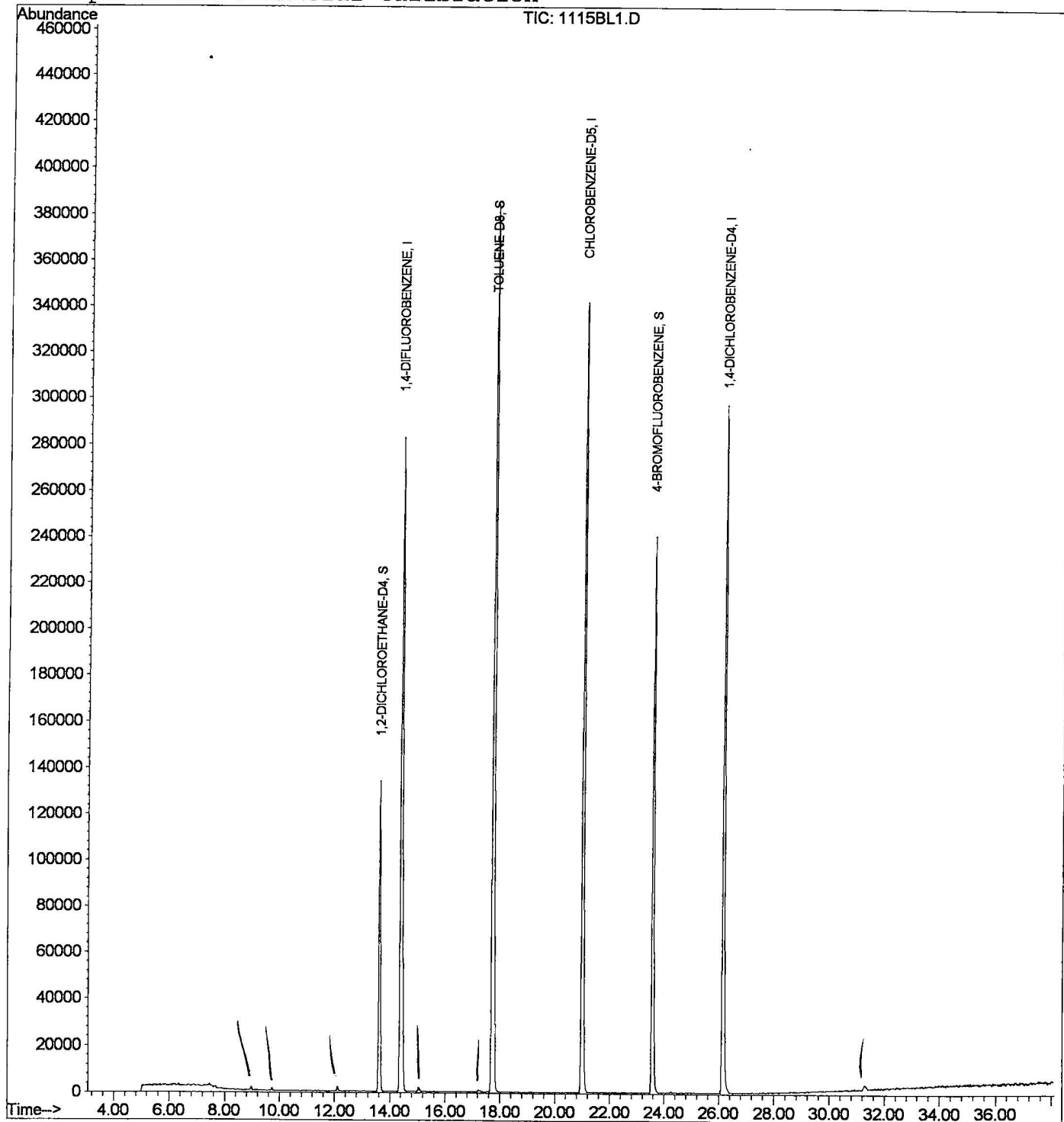
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\1115BL1.D
Acq On : 15 Nov 2001 8:49 am
Sample : 1b
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 15 9:28 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: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/26/2001 Time: 10:42:12

Sample: AD27764
 Analysis: SC1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/15/01 00:00 Ended: 11/15/01 00:00 Analyst: BH
 Result source: manual entry
 Page: 1

cel
130%

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.9 ✓	.5
2	Surr_4-BROMOFLUOROBENZEN		5.4 ✓	.5
3	Dichlorodifluoromethane	USPEC	20	.5
4	Chloromethane	USPEC	15	.5
5	Vinyl chloride	USPEC	16	.5
6	Bromomethane	USPEC	14	.5
7	Chloroethane	USPEC	14	.5
8	Trichlorofluoromethane	USPEC	16	.5
9	1,1-Dichloroethene	USPEC	14	.5
10	Methylene Chloride		13	.5
11	Methyl tert-butyl ether		8.0	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	USPEC	14	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		13	.5
18	Bromochloromethane		13	.5
19	1,2-dichloroethane	USPEC	14	.5
20	Surr_TOLUENE-D8		5.0 ✓	.5
21	1,1,1-trichloroethane		13	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride	USPEC	14	.5
24	Benzene		11	.5
25	Trichloroethene		12	.5
26	1,2-dichloropropane		12	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		12	.5
29	Methyl iso-butyl ketone		12	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		13	.5
33	1,1,2-trichloroethane		12	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		12	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene		12	.5
40	P & M-xylene		23	.5
41	O-xylene		12	.5
42	Styrene		12	.5
43	1,1,2,2-tetrachloroethane		13	.5
44	Bromoform		11	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		10	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/26/2001 Time: 10:42:12

Sample: AD27764
Analysis: SC1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/15/01 00:00 Ended: 11/15/01 00:00 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		10	.5
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		11	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		12	.5
60	1,2,4-trichlorobenzene		12	.5
61	Hexachlobutadiene	USPEC	14	.5
62	Naphthalene		9.6	.5
63	1,2,3-trichlorobenzene		12	.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10.D
 Acq On : 15 Nov 2001 10:18 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 10:56 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	14.40	114	494394	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	21.00	117	433956	5.00	ug/L	-0.04
50) 1,4-DICHLOROBENZENE-D4	26.16	152	226370	5.00	ug/L	-0.04

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.62	65	170925	5.86	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	117.20%	
3) 4-BROMOFLUOROBENZENE	23.57	174	139225	5.42	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	108.40%	
23) TOLUENE-D8	17.73	98	655952	5.01	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	100.20%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.46	85	268863	20.36	ug/L	98
5) CHLOROMETHANE	4.98	50	189992	14.93	ug/L	99
6) VINYL CHLORIDE	5.13	62	153473	15.94	ug/L	99
7) BROMOMETHANE	6.05	94	165839	13.76	ug/L	100
8) CHLOROETHANE	6.18	64	123102	14.21	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.73	101	336438	15.88	ug/L	98
10) ACETONE	7.64	43	32551	12.15	ug/L	86
11) 1,1-DICHLOROETHENE	7.98	61	366064	14.38	ug/L	91
12) METHYLENE CHLORIDE	8.97	49	371802	13.38	ug/L	93
13) METHYL TERT BUTYL ETHER	9.26	73	376859	7.99	ug/L	96
14) TRANS-1,2-DICHLOROETHENE	9.62	61	374703	13.12	ug/L	95
15) 1,1-DICHLOROETHANE	10.49	63	483765	12.94	ug/L	99
16) 2-BUTANONE (MEK)	11.32	43	59078	10.89	ug/L	91
17) 2,2-DICHLOROPROPANE	11.70	77	384053	13.67	ug/L	96
18) CIS-1,2-DICHLOROETHENE	11.78	96	228794	11.37	ug/L	85
19) CHLOROFORM	12.12	83	419617	12.57	ug/L	100
20) BROMOCHLOROMETHANE	12.50	49	215474	12.90	ug/L	95
21) 1,2-DICHLOROETHANE	13.83	62	279254	13.70	ug/L	97
24) 1,1,1-TRICHLOROETHANE	13.01	97	339215	13.14	ug/L	99
25) 1,1-DICHLOROPROPENE	13.35	75	351219	12.45	ug/L	97
26) CARBON TETRACHLORIDE	13.59	117	269381	13.57	ug/L	99
27) BENZENE	13.93	78	1008278	11.42	ug/L	100
28) TRICHLOROETHENE	15.19	95	243159	11.73	ug/L	95
29) 1,2-DICHLOROPROPANE	15.55	63	271795	11.64	ug/L	97
30) DIBROMOMETHANE	16.19	174	61948	10.99	ug/L	83
31) BROMODICHLOROMETHANE	16.04	83	289227	12.38	ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.53	63	83947	12.69	ug/L	95
33) Methyl iso-butyl ketone	16.62	58	44437	12.49	ug/L	77

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

1115C10.D HP110101.M Thu Nov 15 10:57:08 2001

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Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10.D

Vial: 6

Acq On : 15 Nov 2001 10:18 am

Operator:

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Nov 15 10:56 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

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.15	75	370676	12.14	ug/L	99
35) TOLUENE	17.90	91	1068918	11.75	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.17	75	285955	12.66	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.54	97	131305	11.52	ug/L	99
38) TETRACHLOROETHENE	19.33	166	178655	11.74	ug/L	97
39) 1,3-DICHLOROPROPANE	19.07	76	275254	11.81	ug/L	100
40) DIBROMOCHLOROMETHANE	19.75	129	131665	12.01	ug/L	99
41) 1,2-DIBROMOETHANE	20.20	107	113809	11.57	ug/L	99
42) CHLOROBENZENE	21.08	112	624795	11.40	ug/L	95
43) 1,1,1,2-TETRACHLOROETHANE	21.13	131	181305	11.80	ug/L	98
44) 2-HEXANONE	18.46	43	89292	13.87	ug/L	94
45) ETHYLBENZENE	21.13	91	1289441	11.94	ug/L	98
46) P & M-XYLENE	21.29	106	876812	23.18	ug/L	95
47) O-XYLENE	22.26	91	1045578	12.48	ug/L	98
48) STYRENE	22.31	104	733855	12.26	ug/L	95
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	154586	13.16	ug/L	99
51) BROMOFORM	23.14	173	52329	11.48	ug/L	99
52) ISOPROPYLBENZENE	22.97	105	1173641	10.14	ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.66	110	37495	10.30	ug/L	86
54) N-PROPYLBENZENE	23.84	91	1647584	10.49	ug/L	98
55) BROMOBENZENE	24.06	156	204687	10.07	ug/L	86
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	1017930	10.30	ug/L	98
57) 2-CHLOROTOLUENE	24.32	91	995683	10.61	ug/L	96
58) 4-CHLOROTOLUENE	24.39	91	960638	10.44	ug/L	97
59) TERT-BUTYLBENZENE	24.95	134	206565	10.39	ug/L	88
60) 1,2,4-TRIMETHYLBENZENE	25.05	105	1061502	10.27	ug/L	99
61) SEC-BUTYLBENZENE	25.41	105	1460257	10.68	ug/L	98
62) P-ISOPROPYLTOLUENE	25.67	119	1122953	10.54	ug/L	98
63) 1,3-DICHLOROBENZENE	26.01	146	485657	10.83	ug/L	98
64) 1,4-DICHLOROBENZENE	26.23	146	480867	10.87	ug/L	98
65) N-BUTYLBENZENE	26.55	91	1258677	10.58	ug/L	99
66) 1,2-DICHLOROBENZENE	27.06	146	426216	11.57	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.72	157	19531	12.35	ug/L	90
68) NITROBENZENE	28.92	77	182013	260.48	ug/L	96
69) 1,2,4-TRICHLOROBENZENE	30.66	180	237876	12.20	ug/L	99
70) HEXACHLOROBUTADIENE	30.90	225	132321	14.42	ug/L	95
71) NAPHTHALENE	31.32	128	285190	9.65	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.87	180	173432	12.14	ug/L	100

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

1115C10.D HP110101.M

Thu Nov 15 10:57:11 2001

Page 2

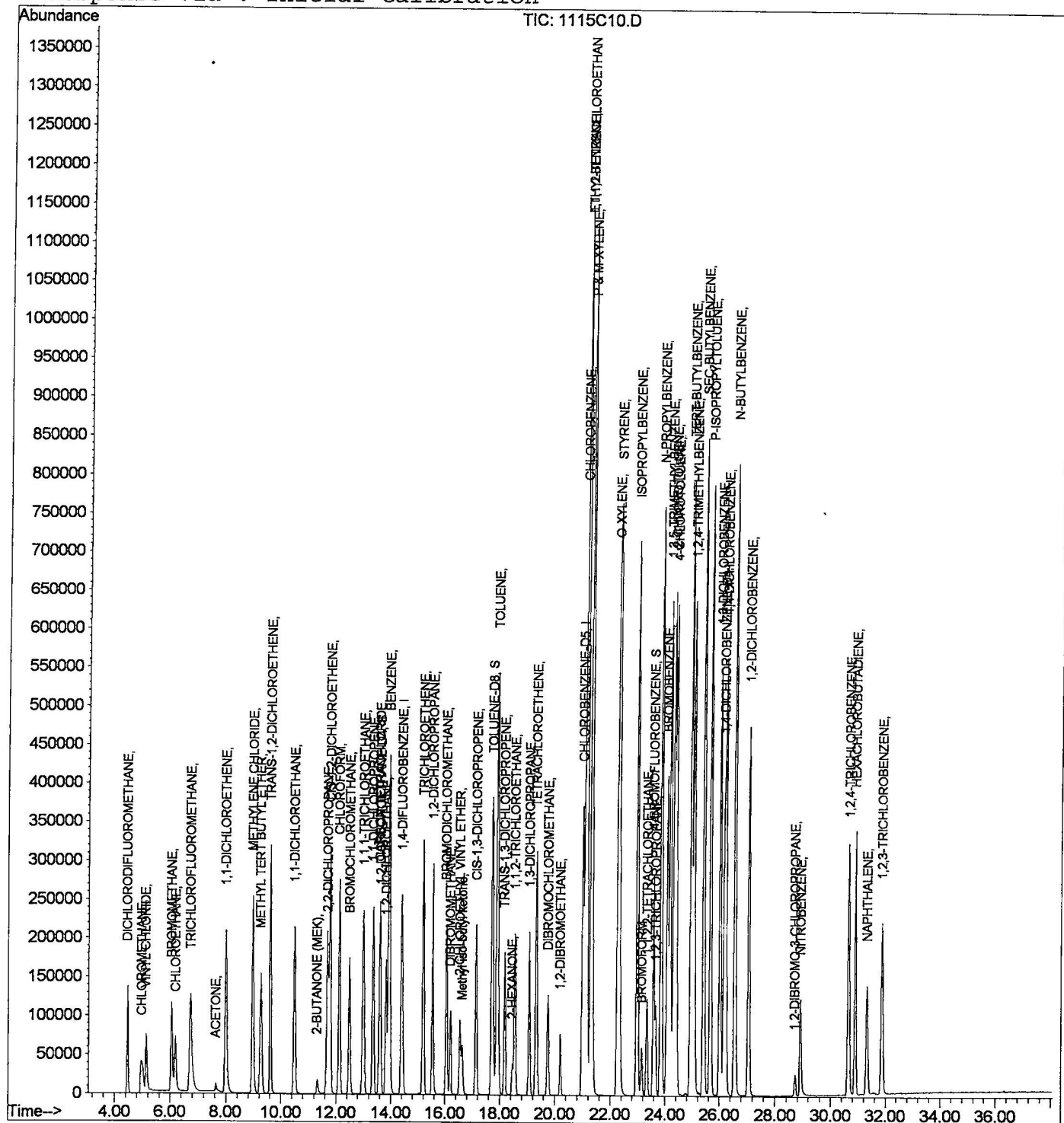
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10.D
Acq On : 15 Nov 2001 10:18 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 15 10:56 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: 11/16/2001 Time: 14:13:51

Sample: AD27764

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 11/15/01 00:01 Ended: 11/15/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\1115r40.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.3 ✓		
2	4-BROMOFLUOROBENZENE		5.9 ✓		
3	DICHLORODIFLUOROMETHAN		51		.5
4	CHLOROMETHANE		43		.5
5	VINYL CHLORIDE		35		.5
6	BROMOMETHANE		41		.5
7	CHLOROETHANE		43		.5
8	TRICHLOROFLUOROMETHAN		53		.5
9	ACETONE		38		.5
10	1,1-DICHLOROETHENE		54		.5
11	METHYLENE CHLORIDE		45		.5
12	METHYL TERT BUTYL ETHER		29		1
13	TRANS-1,2-DICHLOROETHEN		52		.5
14	1,1-DICHLOROETHANE		48		.5
15	2-BUTANONE (MEK)		34		.5
16	2,2-DICHLOROPROPANE		52		.5
17	CIS-1,2-DICHLOROETHENE		46		.5
18	CHLOROFORM		48		.5
19	BROMOCHLOROMETHANE		46		.5
20	1,2-DICHLOROETHANE		47		.5
21	TOLUENE-D8		4.6 ✓		
22	1,1,1-TRICHLOROETHANE		49		.5
23	1,1-DICHLOROPROPENE		45		.5
24	CARBON TETRACHLORIDE		52		.5
25	BENZENE		42		.5
26	TRICHLOROETHENE		44		.5
27	1,2-DICHLOROPROPANE		41		.5
28	DIBROMOMETHANE		47		.5
29	BROMODICHLOROMETHANE		45		.5
30	2-CHLOROETHYL VINYL ETHE		47		.5
31	METHYL ISO-BUTYL KETONE		43		1
32	CIS-1,3-DICHLOROPROPENE		44		.5
33	TOLUENE		43		.5
34	TRANS-1,3-DICHLOROPROPE		43		.5
35	1,1,2-TRICHLOROETHANE		41		.5
36	TETRACHLOROETHENE		54		.5
37	1,3-DICHLOROPROPANE		42		.5
38	DIBROMOCHLOROMETHANE		49		2
39	1,2-DIBROMOETHANE		45		.5
40	CHLOROBENZENE		47		.5
41	1,1,1,2-TETRACHLOROETHA		51		.5
42	2-HEXANONE		47		.5
43	ETHYLBENZENE		46		.5
44	P & M-XYLENE		96		.5
45	O-XYLENE		47		.5
46	STYRENE		48		.5
47	1,1,2,2-TETRACHLOROETHA		46		.5
48	BROMOFORM		56		2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:13:51

Sample: AD27764
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 11/15/01 00:01 Ended: 11/15/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1115r40.rr
 Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		44		.5
50	1,2,3-TRICHLOROPROPANE		40		.5
51	N-PROPYLBENZENE		44		.5
52	BROMOBENZENE		45		.5
53	1,3,5-TRIMETHYLBENZENE		42		.5
54	2-CHLOROTOLUENE		46		.5
55	4-CHLOROTOLUENE		38		.5
56	TERT-BUTYLBENZENE		48		.5
57	1,2,4-TRIMETHYLBENZENE		42		.5
58	SEC-BUTYLBENZENE		44		.5
59	P-ISOPROPYLTOLUENE		43		.5
60	1,3-DICHLOROBENZENE		46		.5
61	1,4-DICHLOROBENZENE		47		.5
62	N-BUTYLBENZENE		41		.5
63	1,2-DICHLOROBENZENE		46		.5
64	1,2-DIBROMO-3-CHLOROPRO		47		.5
65	1,2,4-TRICHLOROBENZENE		49		.5
66	HEXACHLOROBUTADIENE		57		.5
67	NAPHTHALENE		38		.5
68	1,2,3-TRICHLOROBENZENE		46		.5
69	ETHANOL		< MDL		30

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 11:18:06

Sample: AD27764

Analysis: SQ_524 Volatile Organic Compounds-Reference Rec

Units: ug

Started: 11/16/01 14:14 Ended: 11/16/01 14:14 Analyst: BH

Result source: calculation

Page: 1

130

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.3	.5
2	Surr - 4-BROMOFLUOROBENZE		5.9	.5
3	Dichlorodifluoromethane		127.5	.5
4	Chloromethane		107.5	.5
5	Vinyl chloride		87.5	.5
6	Bromomethane		102.5	.5
7	Chloroethane		107.5	.5
8	Trichlorofluoromethane		132.5	.5
9	1,1-Dichloroethene		135	.5
10	Methylene Chloride		112.5	.5
11	Methyl tert butyl ether		72.5	1.0
12	trans-1,2-dichloroethene		130	.5
13	1,1-dichloroethane		120	.5
14	2-butanone (MEK)		85	2.0
15	2,2-dichloropropane		130	.5
16	cis-1,2-dichloroethene		115	.5
17	Chloroform		120	.5
18	Bromochloromethane		115	.5
19	1,2-dichloroethane		117.5	.5
20	Surr - TOLUENE-D8		4.6	.5
21	1,1,1-trichloroethane		122.5	.5
22	1,1-dichloropropene		112.5	.5
23	Carbon tetrachloride		130	.5
24	Benzene		105	.5
25	Trichloroethene		110	.5
26	1,2-dichloropropane		102.5	.5
27	Dibromomethane		117.5	.5
28	Bromodichloromethane		112.5	.5
29	Methyl iso-butyl ketone		107.5	1.0
30	cis-1,3-dichloropropene		110	.5
31	Toluene		107.5	.5
32	trans-1,3-dichloropropene		107.5	.5
33	1,1,2-trichloroethane		102.5	.5
34	Tetrachloroethene	USPEC	135	.5
35	1,3-dichloropropane		105	.5
36	Dibromochloromethane		122.5	2.0
37	Chlorobenzene		117.5	.5
38	1,1,1,2-tetrachloroethane		127.5	.5
39	Ethylbenzene		115	.5
40	P & M-xylene		120	.5
41	O-xylene		117.5	.5
42	Styrene		120	.5
43	1,1,2,2-tetrachloroethane		115	.5
44	Bromoform		140	2.0
45	Isopropylbenzene		110	.5
46	1,2,3-trichloropropane		100	.5
47	N-propylbenzene		110	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 11:18:06

Sample: AD27764
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 11/16/01 14:14 Ended: 11/16/01 14:14 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		112.5	.5
49	1,3,5-trimethylbenzene		105	.5
50	2-chlorotoluene		115	.5
51	4-chlorotoluene		95	.5
52	TERT-butylbenzene		120	.5
53	1,2,4-trimethylbenzene		105	.5
54	SEC-butylbenzene		110	.5
55	P-isopropyltoluene		107.5	.5
56	1,3-dichlorobenzene		115	.5
57	1,4-dichlorobenzene		117.5	.5
58	N-butylbenzene		102.5	.5
59	1,2-dichlorobenzene		115	.5
60	1,2,4-trichlorobenzene		122.5	.5
61	Hexachlorobutadiene	USPEC	142.5	.5
62	Naphthalene		95	.5
63	1,2,3-trichlorobenzene		115	.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115R40.D
 Acq On : 15 Nov 2001 11:51 am
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 12:29 2001

Vial: 7
 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	689271	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	645120	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.16	152	317024	5.00	ug/L	-0.04

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	213813	5.26	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	105.20%	
3) 4-BROMOFLUOROBENZENE	23.59	174	213042	5.95	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	119.00%	
23) TOLUENE-D8	17.74	98	902275	4.63	ug/L	0.00
Spiked Amount	5.000		Recovery	=	92.60%	

Target Compounds

Qvalue

4) DICHLORODIFLUOROMETHANE	4.47	85	939580	51.02	ug/L	99
5) CHLOROMETHANE	4.97	50	765492	43.14	ug/L	99
6) VINYL CHLORIDE	5.11	62	464904	34.63	ug/L	98
7) BROMOMETHANE	6.05	94	696759	41.45	ug/L	99
8) CHLOROETHANE	6.18	64	523851	43.38	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.73	101	1558181	52.75	ug/L	99
10) ACETONE	7.64	43	141143	37.79	ug/L	90
11) 1,1-DICHLOROETHENE	8.00	61	1911748	53.85	ug/L	95
12) METHYLENE CHLORIDE	8.97	49	1740552	44.91	ug/L	95
13) METHYL TERT BUTYL ETHER	9.28	73	1879004	28.58	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.63	61	2081943	52.28	ug/L	99
15) 1,1-DICHLOROETHANE	10.50	63	2479243	47.56	ug/L	99
16) 2-BUTANONE (MEK)	11.32	43	260242	34.39	ug/L	95
17) 2,2-DICHLOROPROPANE	11.71	77	2047558	52.27	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.80	96	1299239	46.29	ug/L	95
19) CHLOROFORM	12.12	83	2221332	47.72	ug/L	99
20) BROMOCHLOROMETHANE	12.50	49	1072181	46.03	ug/L	100
21) 1,2-DICHLOROETHANE	13.82	62	1348529	47.44	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.01	97	1876411	48.88	ug/L	100
25) 1,1-DICHLOROPROPENE	13.35	75	1886347	44.97	ug/L	100
26) CARBON TETRACHLORIDE	13.59	117	1542598	52.27	ug/L	100
27) BENZENE	13.94	78	5462885	41.61	ug/L	100
28) TRICHLOROETHENE	15.20	95	1363249	44.24	ug/L	97
29) 1,2-DICHLOROPROPANE	15.55	63	1425749	41.09	ug/L	99
30) DIBROMOMETHANE	16.21	174	397218	47.42	ug/L	95
31) BROMODICHLOROMETHANE	16.06	83	1559228	44.90	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.55	63	459995	46.76	ug/L	100
33) Methyl iso-butyl ketone	16.64	58	226385	42.81	ug/L	84

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

1115R40.D HP110101.M Thu Nov 15 12:30:07 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115R40.D
 Acq On : 15 Nov 2001 11:51 am
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 12:29 2001

Vial: 7
 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	17.15	75	1979126	43.59 ug/L	99
35) TOLUENE	17.91	91	5864194	43.36 ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	1436710	42.78 ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.56	97	693651	40.95 ug/L	99
38) TETRACHLOROETHENE	19.34	166	1228979	54.32 ug/L	99
39) 1,3-DICHLOROPROPANE	19.09	76	1462029	42.19 ug/L	100
40) DIBROMOCHLOROMETHANE	19.77	129	791038	48.54 ug/L	99
41) 1,2-DIBROMOETHANE	20.21	107	656832	44.92 ug/L	99
42) CHLOROBENZENE	21.10	112	3845096	47.18 ug/L	98
43) 1,1,1,2-TETRACHLOROETHANE	21.13	131	1153407	50.52 ug/L	99
44) 2-HEXANONE	18.48	43	452456	47.29 ug/L	98
45) ETHYLBENZENE	21.15	91	7425111	46.23 ug/L	98
46) P & M-XYLENE	21.30	106	5374267	95.57 ug/L	96
47) O-XYLENE	22.28	91	5881664	47.22 ug/L	98
48) STYRENE	22.33	104	4303440	48.35 ug/L	100
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	809510	46.37 ug/L	100
51) BROMOFORM	23.16	173	358885	56.21 ug/L	99
52) ISOPROPYLBENZENE	22.99	105	7081864	43.70 ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.67	110	202308	39.68 ug/L	100
54) N-PROPYLBENZENE	23.86	91	9783233	44.47 ug/L	96
55) BROMOBENZENE	24.08	156	1283577	45.10 ug/L	89
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	5876478	42.47 ug/L	100
57) 2-CHLOROTOLUENE	24.32	91	6093011	46.36 ug/L	99
58) 4-CHLOROTOLUENE	24.40	91	4846874	37.59 ug/L	97
59) TERT-BUTYLBENZENE	24.97	134	1325973	47.61 ug/L	94
60) 1,2,4-TRIMETHYLBENZENE	25.05	105	6126138	42.31 ug/L	97
61) SEC-BUTYLBENZENE	25.41	105	8448084	44.11 ug/L	100
62) P-ISOPROPYLTOLUENE	25.68	119	6341942	42.52 ug/L	98
63) 1,3-DICHLOROBENZENE	26.02	146	2886546	45.94 ug/L	98
64) 1,4-DICHLOROBENZENE	26.23	146	2882291	46.52 ug/L	99
65) N-BUTYLBENZENE	26.55	91	6875775	41.26 ug/L	100
66) 1,2-DICHLOROBENZENE	27.08	146	2388624	46.31 ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.73	157	104716	47.27 ug/L	97
69) 1,2,4-TRICHLOROBENZENE	30.66	180	1349905	49.42 ug/L	99
70) HEXACHLOROBUTADIENE	30.91	225	737655	57.38 ug/L	97
71) NAPHTHALENE	31.32	128	1589893	38.40 ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.88	180	929727	46.48 ug/L	99

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

1115R40.D HP110101.M

Thu Nov 15 12:30:09 2001

Page 2

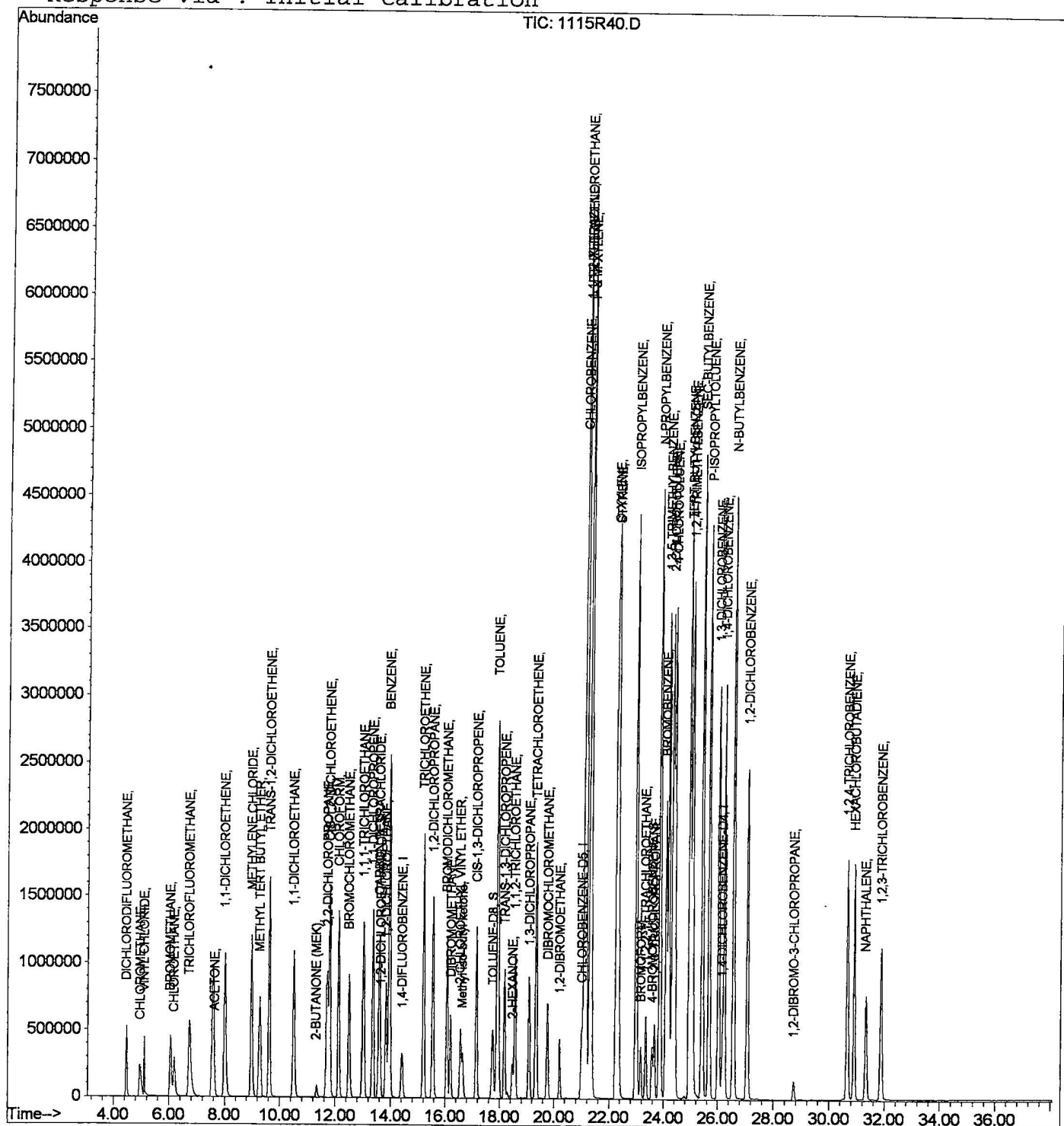
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\1115R40.D
Acq On : 15 Nov 2001 11:51 am
Sample : ref 40
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 15 12:29 2001

Vial: 7
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: 11/16/2001 Time: 14:19:42

Sample: AD27765

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/15/01 00:05 Ended: 11/15/01 00:05 Analyst: BH

Result source: m:\instruments\206\rrfiles\27765.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		5.0		.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

REVIEWED BY	<u>AY</u>
DATE	<u>11/21/01</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:19:42

Sample: AD27765
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/15/01 00:05 Ended: 11/15/01 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\27765.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\01nov15\27765.D
 Acq On : 15 Nov 2001 5:01 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 17:39 2001

Vial: 12
 Operator: 206-BH
 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	531814	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	462666	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	181831	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	181800	5.79	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	115.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	125440	4.54	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	90.80%	
23) TOLUENE-D8	17.74	98	699196	5.01	ug/L	0.00
Spiked Amount 5.000			Recovery	=	100.20%	
Target Compounds						
12) METHYLENE CHLORIDE	8.99	49	7898	0.26	ug/L	Qvalue 92

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Also in blank?

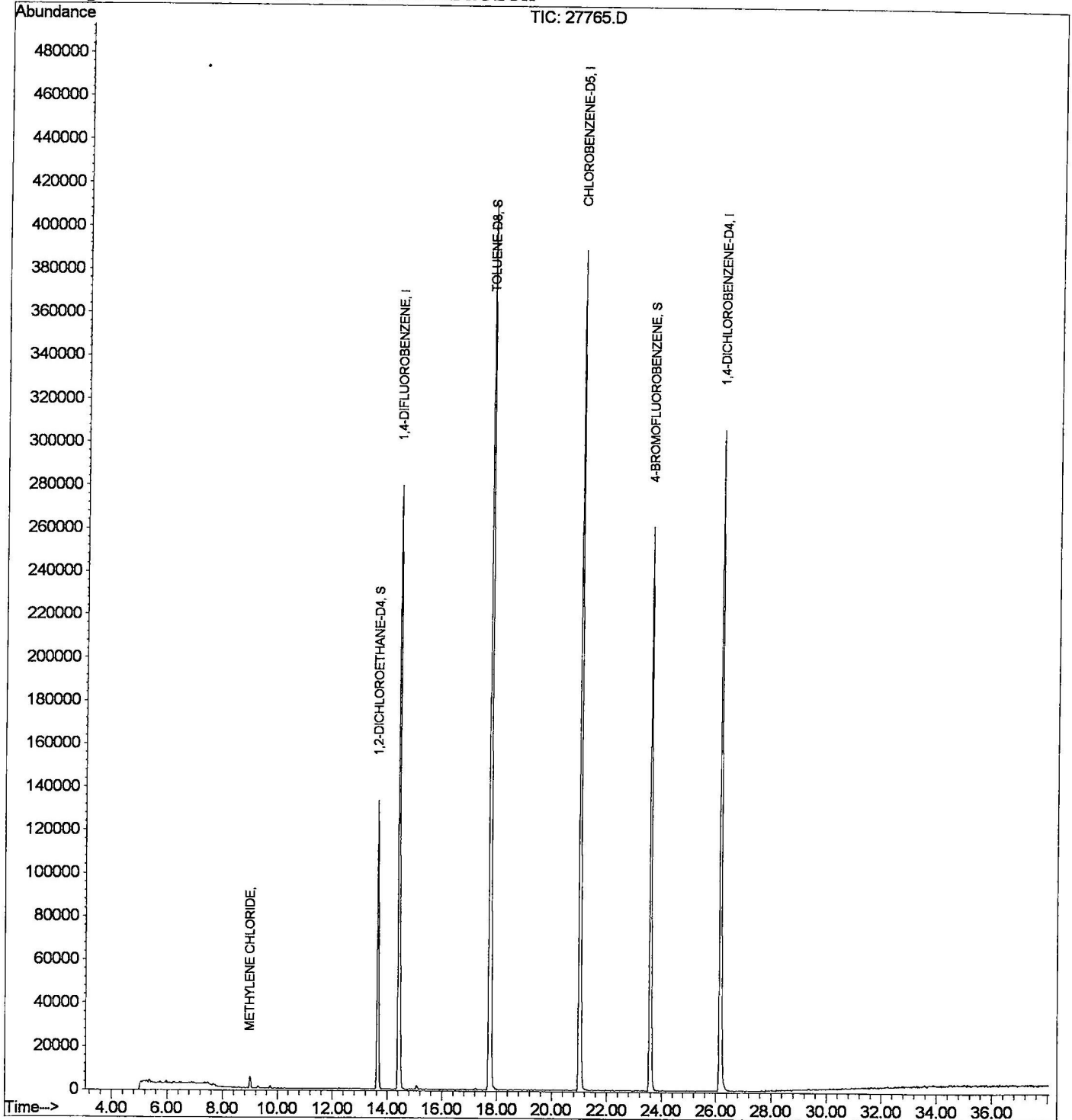
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27765.D
 Acq On : 15 Nov 2001 5:01 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 17:39 2001

Vial: 12
 Operator: 206-BH
 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\01nov15\27765.D
Acq On : 15 Nov 2001 5:01 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

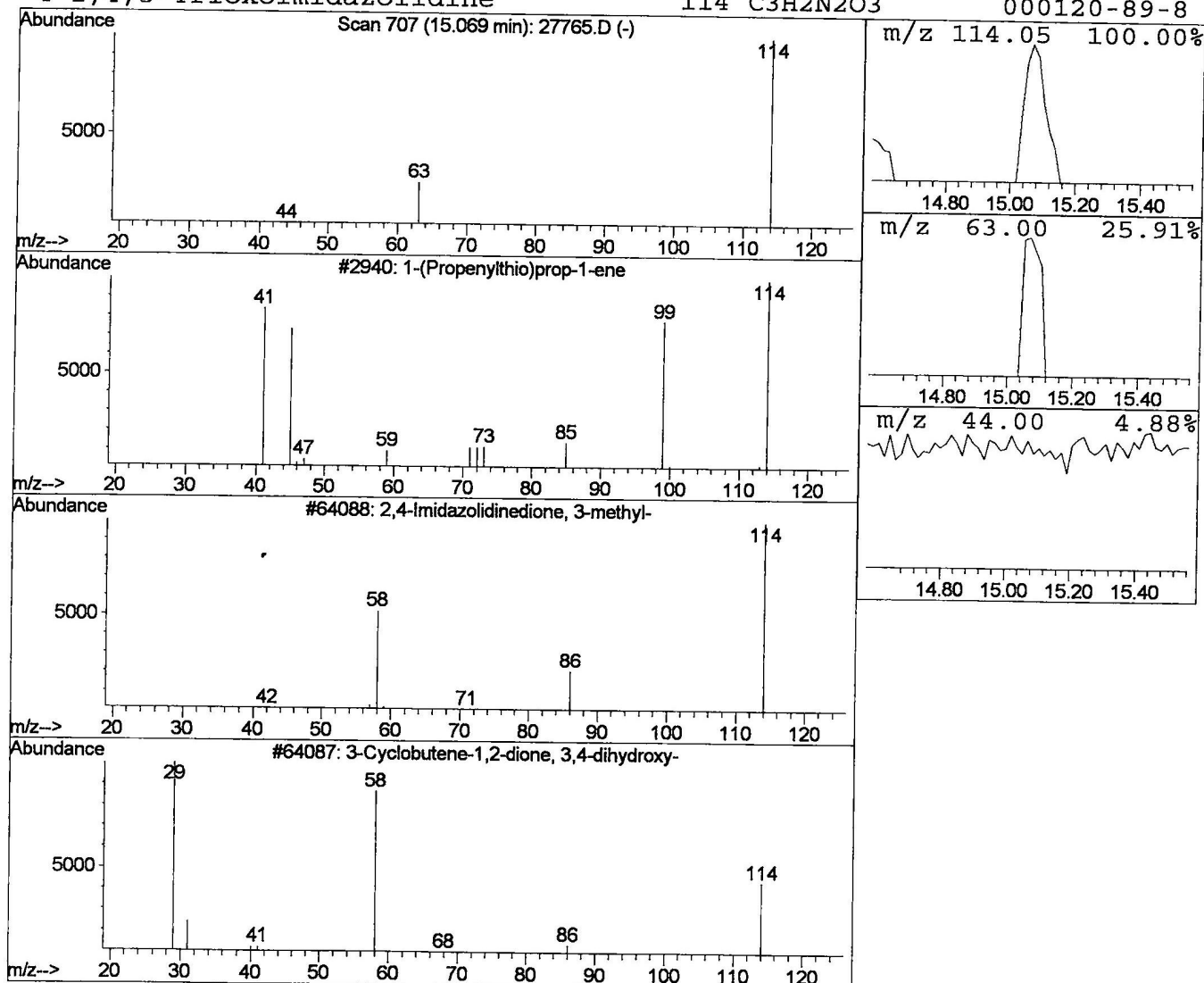
Vial: 12
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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	8941	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: 11/16/2001 Time: 14:21:36

Sample: AD27766
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/15/01 00:05 Ended: 11/15/01 00:05 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27766.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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

REVIEWED BY 27
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:21:36

Sample: AD27766

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/15/01 00:05 Ended: 11/15/01 00:05 Analyst: BH

Result source: m:\instruments\206\rrfiles\27766.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\01nov15\27766.D
 Acq On : 15 Nov 2001 5:44 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 18:23 2001

Vial: 13
 Operator: 206-BH
 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	486268	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.02	117	429146	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	167083	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	179490	6.25	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	125.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	113262	4.48	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	89.60%	
23) TOLUENE-D8	17.74	98	665757	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery	=	102.80%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 27766.D HP110101.M Thu Nov 15 18:23:36 2001

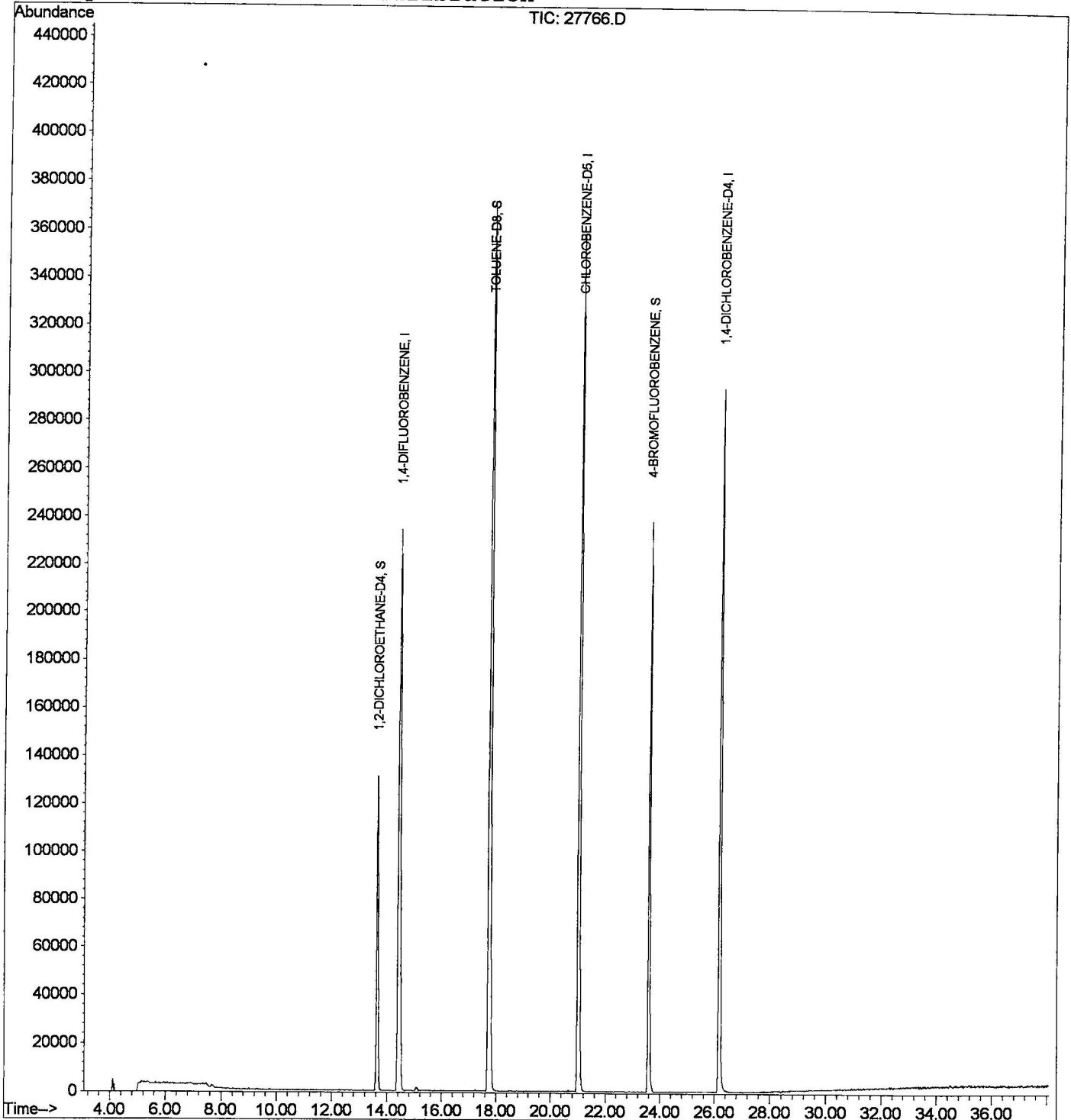
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27766.D
 Acq On : 15 Nov 2001 5:44 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 18:23 2001

Vial: 13
 Operator: 206-BH
 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\01nov15\27766.D
 Acq On : 15 Nov 2001 5:44 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

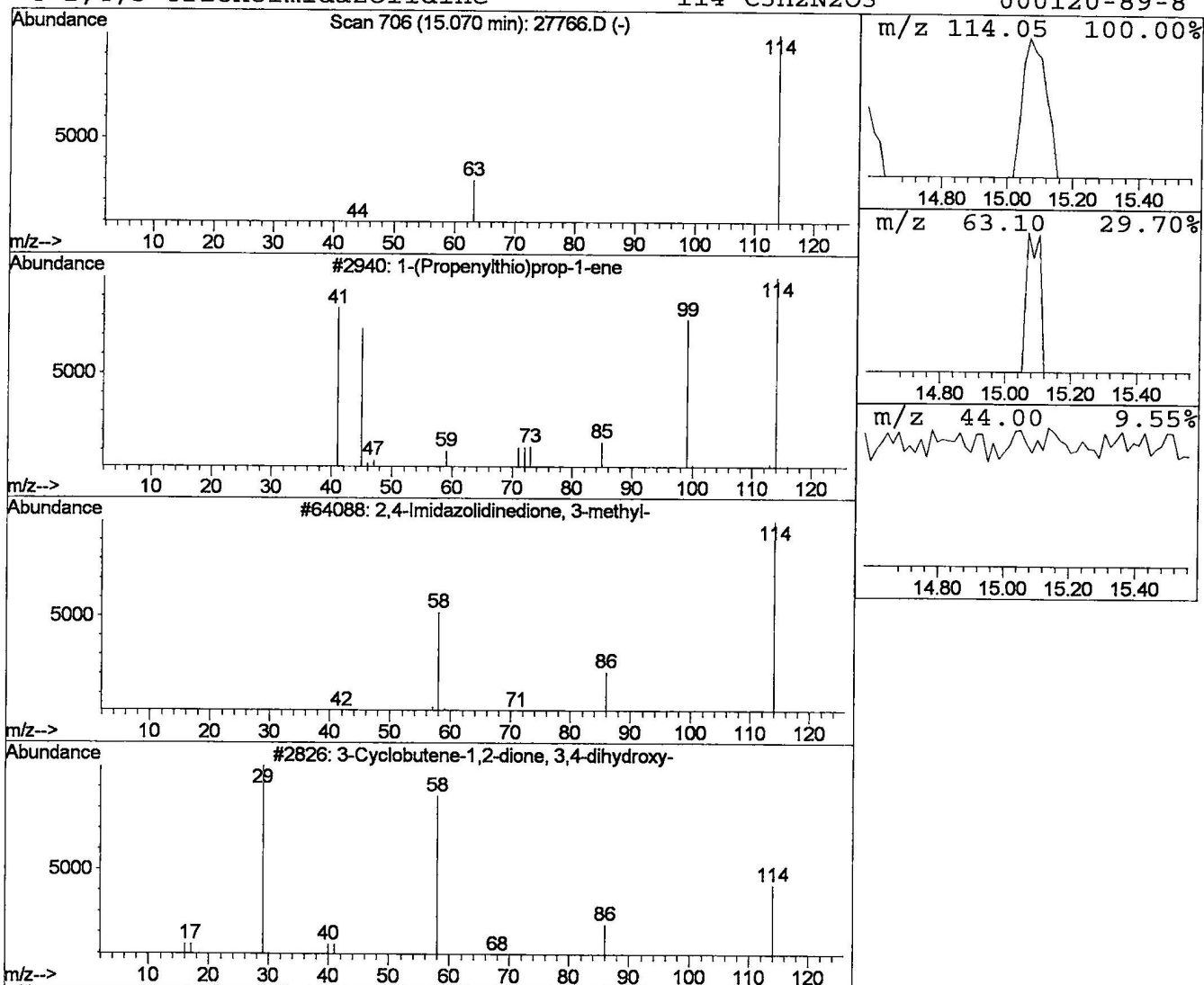
Vial: 13
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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	7451	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: 11/16/2001 Time: 14:55:15

Sample: AD27764
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 11/15/01 00:06 Ended: 11/15/01 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1115c10a.rr
 Page: 1

CCV

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.1 ✓		.5
2	Surr_4-BROMOFLUOROBENZE		5.2 ✓		.5
3	Dichlorodifluoromethane		12		.5
4	Chloromethane	USPEC	14 ✓		.5
5	Vinyl chloride		13		.5
6	Bromomethane		9.7		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		13		.5
10	Methylene Chloride		13		.5
11	Methyl tert-butyl ether (MTBE)		7.5		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		12		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		12		.5
18	Bromochloromethane		13		.5
19	1,2-dichloroethane	USPEC	13 ✓		.5
20	Surr_TOLUENE-DB		4.9 ✓		.5
21	1,1,1- trichloroethane		12		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		12		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		12		.5
29	Methyl iso-butyl ketone		12		1.0
30	cis-1,3-dichloropropene		12		.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		23		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		13		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		9.9		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:55:15

Sample: AD27764
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 11/15/01 00:06 Ended: 11/15/01 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\1115c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		11		.5
52	TERT-butylbenzene		10		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		9.9		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		12		.5
62	Naphthalene		8.2		.5
63	1,2,3-trichlorobenzene		10		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10A.D

Acq On : 15 Nov 2001 6:28 pm

Sample : cal 10

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 15 19:06 2001

Vial: 6

Operator: 206-BH

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	511870	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	457193	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	221519	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	182992	6.06	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	121.20%	
3) 4-BROMOFLUOROBENZENE	23.59	174	137971	5.19	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	103.80%	
23) TOLUENE-D8	17.74	98	673963	4.88	ug/L	0.00
Spiked Amount 5.000			Recovery	=	97.60%	
Target Compounds						
4) DICHLORODIFLUOROMETHANE	4.48	85	158539	11.59	ug/L	Qvalue 99
5) CHLOROMETHANE	4.98	50	181746	13.79	ug/L	100
6) VINYL CHLORIDE	5.15	62	128287	12.87	ug/L	100
7) BROMOMETHANE	6.06	94	121054	9.70	ug/L	98
8) CHLOROETHANE	6.20	64	104875	11.70	ug/L	96
9) TRICHLOROFLUOROMETHANE	6.74	101	257884	11.76	ug/L	99
10) ACETONE	7.68	43	33668	12.14	ug/L	98
11) 1,1-DICHLOROETHENE	8.02	61	331899	12.59	ug/L	91
12) METHYLENE CHLORIDE	8.99	49	364456	12.66	ug/L	89
13) METHYL TERT BUTYL ETHER	9.29	73	367052	7.52	ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.63	61	368214	12.45	ug/L	91
15) 1,1-DICHLOROETHANE	10.52	63	474169	12.25	ug/L	99
16) 2-BUTANONE (MEK)	11.34	43	59912	10.66	ug/L	93
17) 2,2-DICHLOROPROPANE	11.71	77	350514	12.05	ug/L	95
18) CIS-1,2-DICHLOROETHENE	11.81	96	234237	11.24	ug/L	87
19) CHLOROFORM	12.14	83	414720	12.00	ug/L	100
20) BROMOCHLOROMETHANE	12.51	49	223486	12.92	ug/L	88
21) 1,2-DICHLOROETHANE	13.84	62	278550	13.20	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.02	97	324587	11.93	ug/L	99
25) 1,1-DICHLOROPROPENE	13.36	75	324580	10.92	ug/L	97
26) CARBON TETRACHLORIDE	13.60	117	246521	11.79	ug/L	99
27) BENZENE	13.96	78	1007201	10.83	ug/L	99
28) TRICHLOROETHENE	15.22	95	232872	10.66	ug/L	95
29) 1,2-DICHLOROPROPANE	15.56	63	280961	11.43	ug/L	97
30) DIBROMOMETHANE	16.21	174	59405	10.01	ug/L	66
31) BROMODICHLOROMETHANE	16.07	83	289481	11.76	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.57	63	83858	12.03	ug/L	98
33) Methyl iso-butyl ketone	16.64	58	44913	11.98	ug/L	79

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

1115C10A.D HP110101.M

Thu Nov 15 19:06:42 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10A.D

Acq On : 15 Nov 2001 6:28 pm

Sample : cal 10

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 15 19:06 2001

Vial: 6

Operator: 206-BH

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	17.16	75	374897	11.65	ug/L	98
35) TOLUENE	17.91	91	1065178	11.11	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	284030	11.93	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.58	97	129809	10.81	ug/L	99
38) TETRACHLOROETHENE	19.34	166	163926	10.22	ug/L	94
39) 1,3-DICHLOROPROPANE	19.11	76	275271	11.21	ug/L	99
40) DIBROMOCHLOROMETHANE	19.77	129	127709	11.06	ug/L	100
41) 1,2-DIBROMOETHANE	20.21	107	112866	10.89	ug/L	100
42) CHLOROBENZENE	21.10	112	628593	10.88	ug/L	93
43) 1,1,1,2-TETRACHLOROETHANE	21.15	131	183972	11.37	ug/L	99
44) 2-HEXANONE	18.48	43	88321	13.02	ug/L	91
45) ETHYLBENZENE	21.15	91	1303094	11.45	ug/L	99
46) P & M-XYLENE	21.32	106	896836	22.50	ug/L	97
47) O-XYLENE	22.27	91	1064230	12.06	ug/L	97
48) STYRENE	22.34	104	740547	11.74	ug/L	97
49) 1,1,2,2-TETRACHLOROETHANE	23.35	83	155802	12.59	ug/L	100
51) BROMOFORM	23.16	173	50465	11.31	ug/L	98
52) ISOPROPYLBENZENE	23.01	105	1165584	10.29	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.67	110	37777	10.60	ug/L	85
54) N-PROPYLBENZENE	23.86	91	1625941	10.58	ug/L	97
55) BROMOBENZENE	24.10	156	197038	9.91	ug/L	93
56) 1,3,5-TRIMETHYLBENZENE	24.18	105	1008043	10.43	ug/L	97
57) 2-CHLOROTOLUENE	24.34	91	964440	10.50	ug/L	96
58) 4-CHLOROTOLUENE	24.40	91	971946	10.79	ug/L	95
59) TERT-BUTYLBENZENE	24.97	134	195646	10.05	ug/L	85
60) 1,2,4-TRIMETHYLBENZENE	25.07	105	1025331	10.13	ug/L	98
61) SEC-BUTYLBENZENE	25.43	105	1408486	10.52	ug/L	97
62) P-ISOPROPYLTOLUENE	25.68	119	1072372	10.29	ug/L	97
63) 1,3-DICHLOROBENZENE	26.02	146	460926	10.50	ug/L	97
64) 1,4-DICHLOROBENZENE	26.24	146	453222	10.47	ug/L	97
65) N-BUTYLBENZENE	26.57	91	1155597	9.92	ug/L	98
66) 1,2-DICHLOROBENZENE	27.08	146	393450	10.92	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.73	157	17323	11.19	ug/L	99
68) NITROBENZENE	28.94	77	162524	237.68	ug/L	93
69) 1,2,4-TRICHLOROBENZENE	30.66	180	192878	10.10	ug/L	99
70) HEXACHLOROBUTADIENE	30.91	225	109931	12.24	ug/L	97
71) NAPHTHALENE	31.34	128	236039	8.16	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.88	180	142492	10.20	ug/L	98

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

1115C10A.D HP110101.M

Thu Nov 15 19:06:44 2001

Page 2

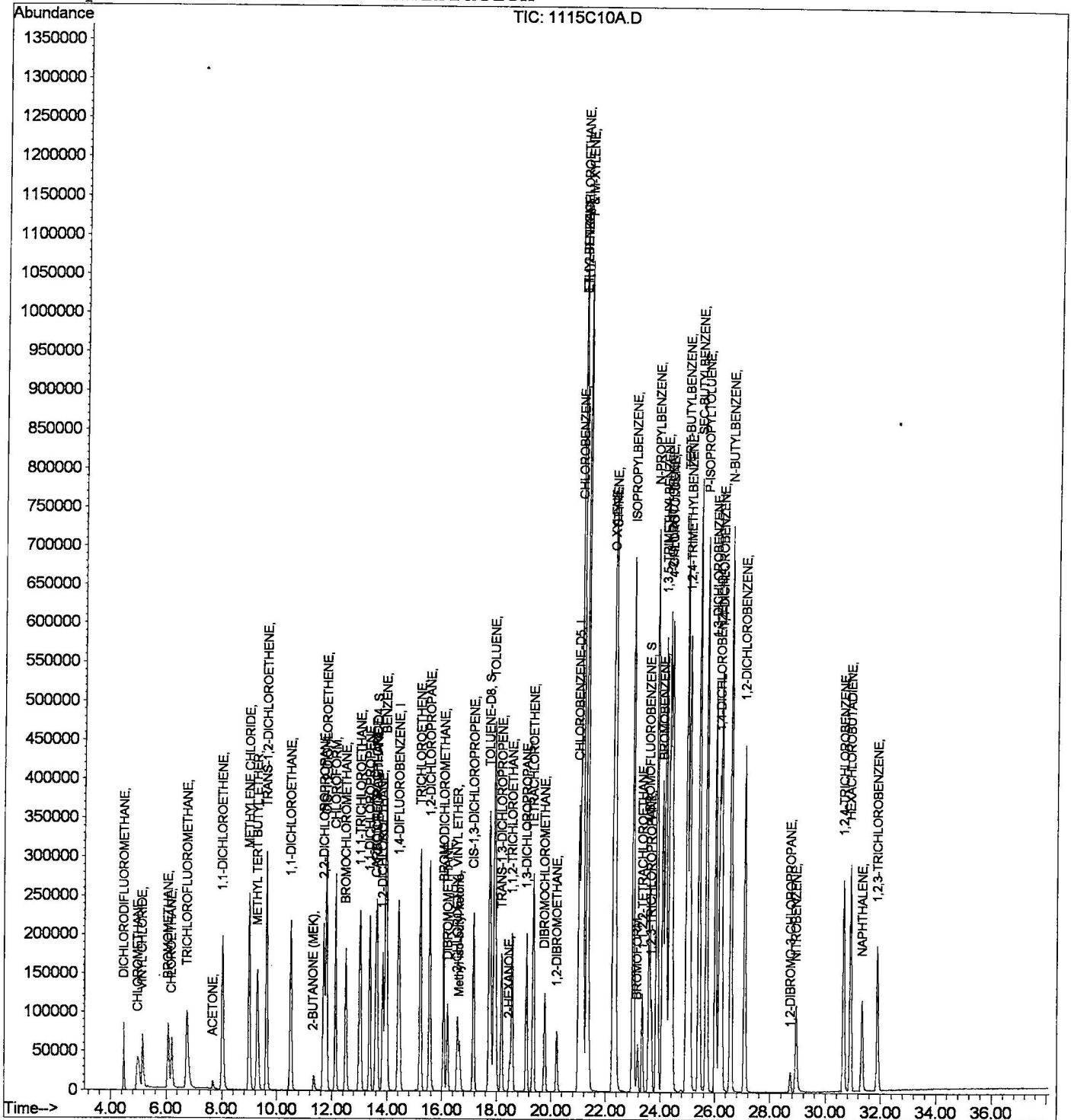
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10A.D
Acq On : 15 Nov 2001 6:28 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 15 19:06 2001

Vial: 6
Operator: 206-BH
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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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10A.D
 Acq On : 15 Nov 2001 6:28 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P

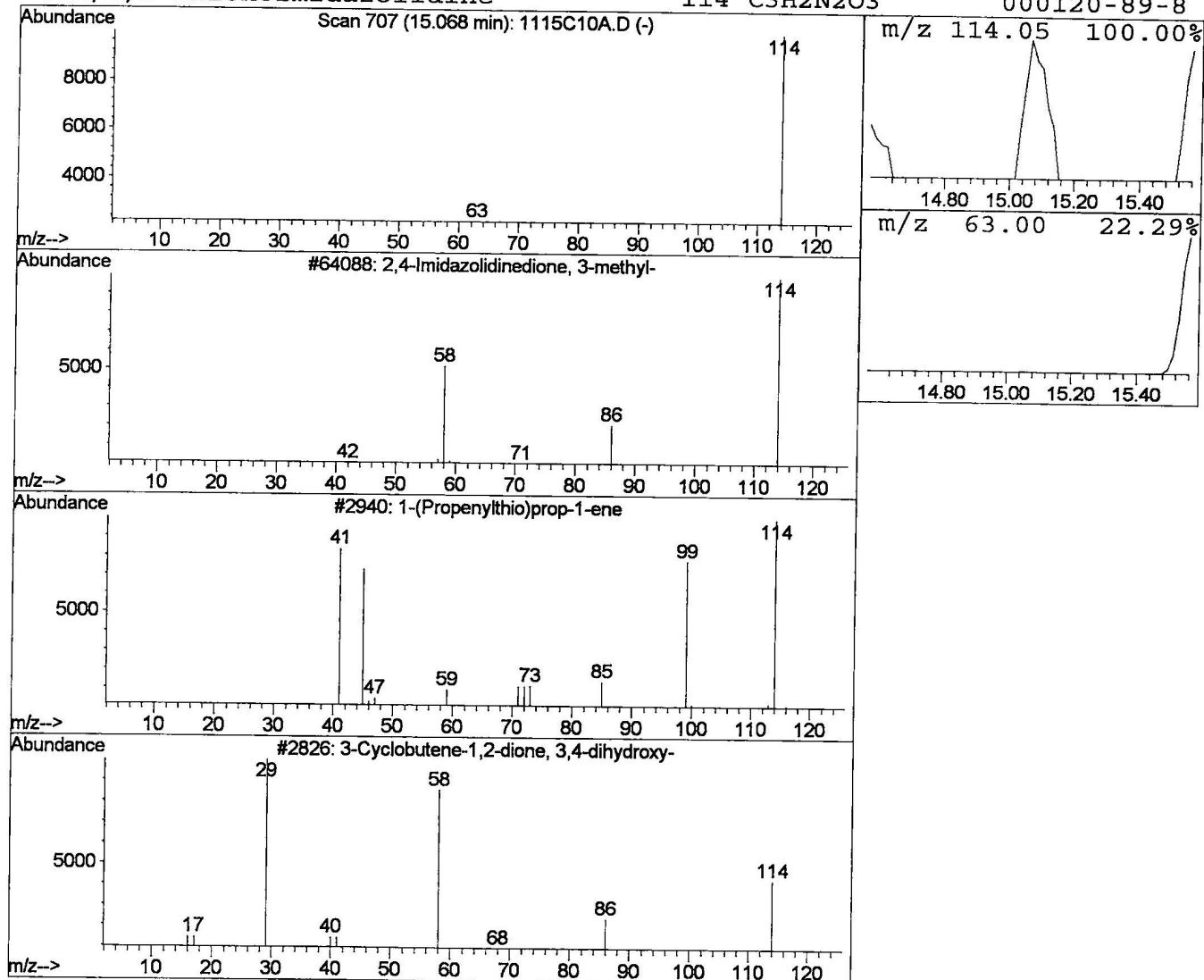
Vial: 6
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.02 ug/L	5856	1,4-DIFLUOROBENZENE	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:30:02

Sample: AD27767
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/15/01 00:07 Ended: 11/15/01 00:07 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27767.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		5.0		.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

REVIEWED BY LV
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:30:02

Sample: AD27767
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/15/01 00:07 Ended: 11/15/01 00:07 Analyst: BH
Result source: m:\instruments\206\rrfiles\27767.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\01nov15\27767.D
 Acq On : 15 Nov 2001 7:54 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 20:33 2001

Vial: 14
 Operator: 206-BH
 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	511113	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	450233	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	177871	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	184310	6.11	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	122.20%	
3) 4-BROMOFLUOROBENZENE	23.60	174	119232	4.49	ug/L	0.00
Spiked Amount 5.000			Recovery	=	89.80%	
23) TOLUENE-D8	17.74	98	682952	5.02	ug/L	0.00
Spiked Amount 5.000			Recovery	=	100.40%	
Target Compounds						
10) ACETONE	7.68	43	4938	1.78	ug/L	Qvalue 93

 (#) = qualifier out of range (m) = manual integration
 27767.D HP110101.M Thu Nov 15 20:33:27 2001

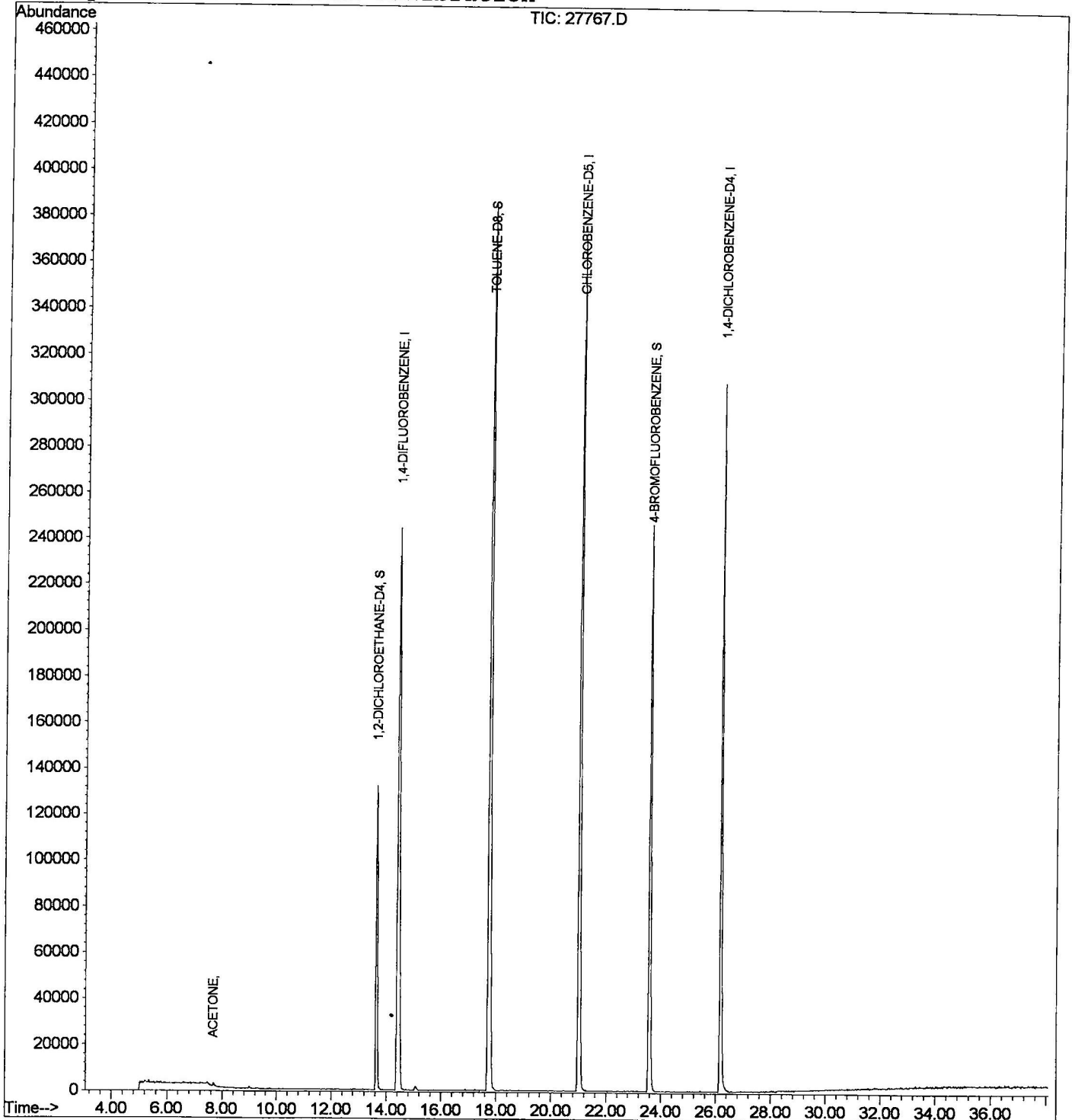
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27767.D
 Acq On : 15 Nov 2001 7:54 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 20:33 2001

Vial: 14
 Operator: 206-BH
 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\01nov15\27767.D
 Acq On : 15 Nov 2001 7:54 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

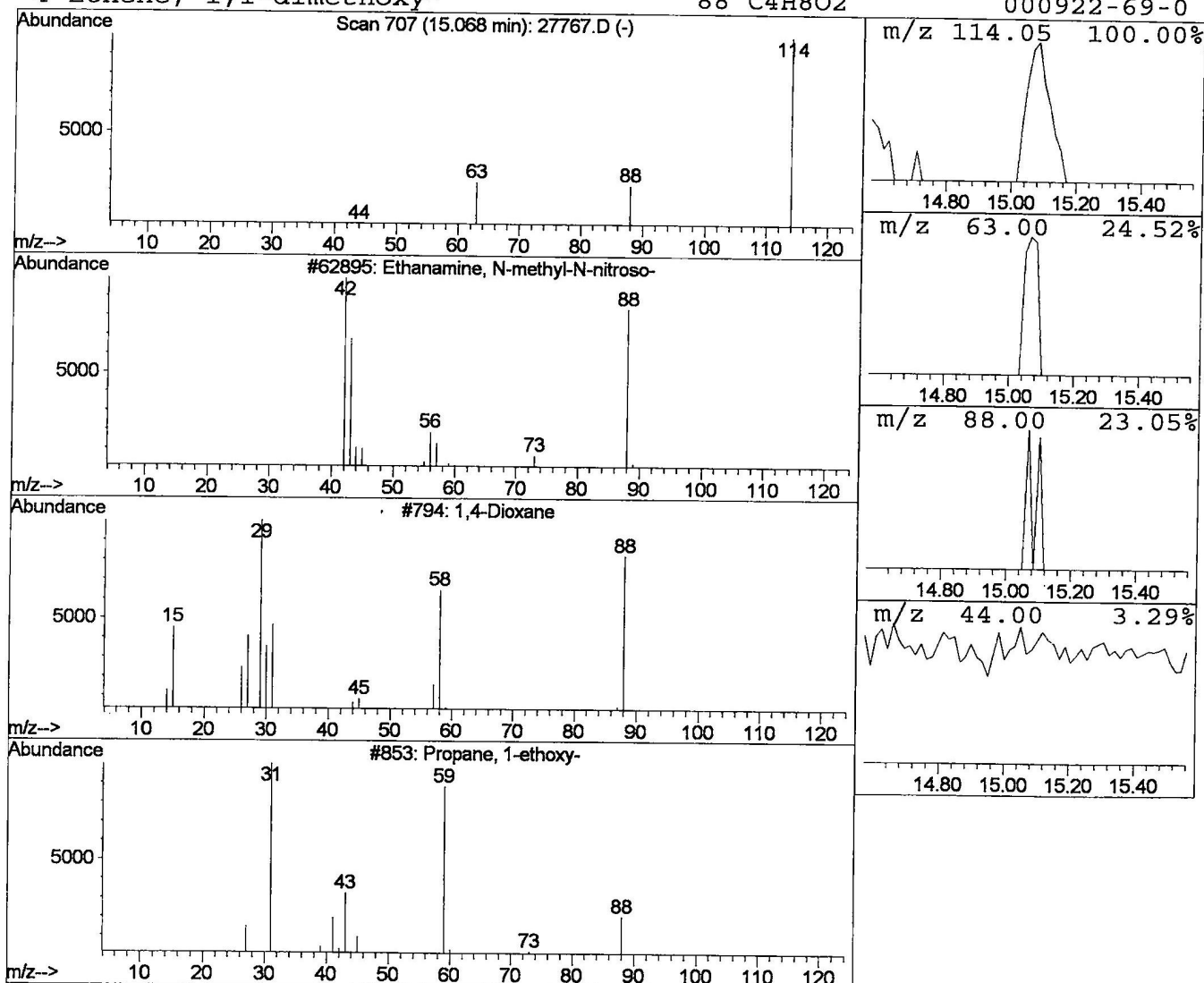
Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	8492	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		1,4-Dioxane	88	C4H8O2	000123-91-1	3
3		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
4		Ethene, 1,1-dimethoxy-	88	C4H8O2	000922-69-0	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:31:31

Sample: AD27768
 Analysis: §524 Volatile Organic Compounds
 Units: ug
 Started: 11/15/01 00:08 Ended: 11/15/01 00:08 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27768.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		5.0		.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

REVIEWED BY *AR*
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:31:31

Sample: AD27768

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/15/01 00:08 Ended: 11/15/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\27768.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\01nov15\27768.D
 Acq On : 15 Nov 2001 8:38 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 21:16 2001

Vial: 15
 Operator: 206-BH
 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	486397	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	435873	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	166731	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	180838	6.30	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	126.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	112562	4.45	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	89.00%	
23) TOLUENE-D8	17.74	98	652813	4.96	ug/L	0.00
Spiked Amount 5.000			Recovery	=	99.20%	

Target Compounds

Qvalue

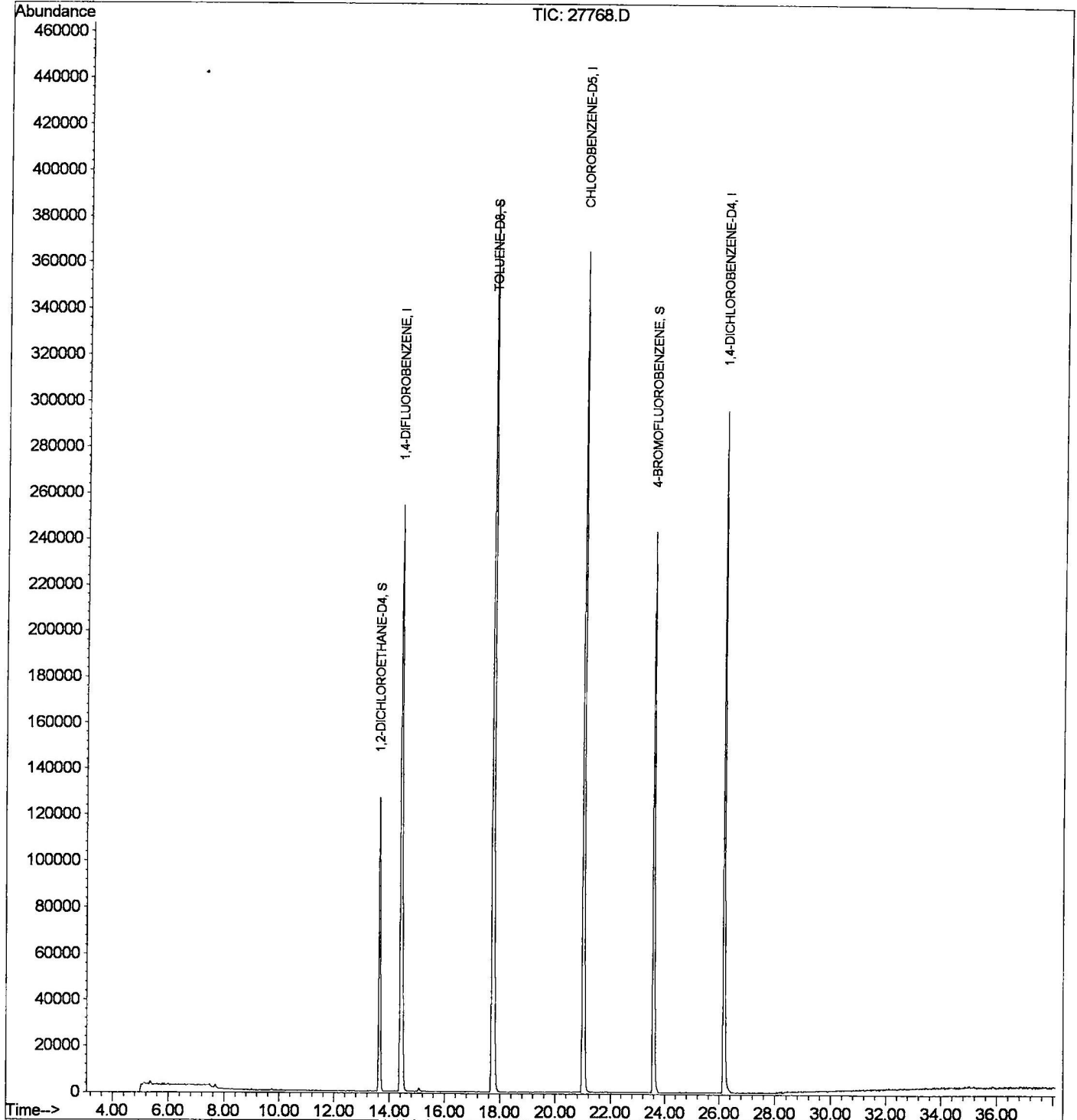
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27768.D
 Acq On : 15 Nov 2001 8:38 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 21:16 2001

Vial: 15
 Operator: 206-BH
 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\01nov15\27768.D
Acq On : 15 Nov 2001 8:38 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

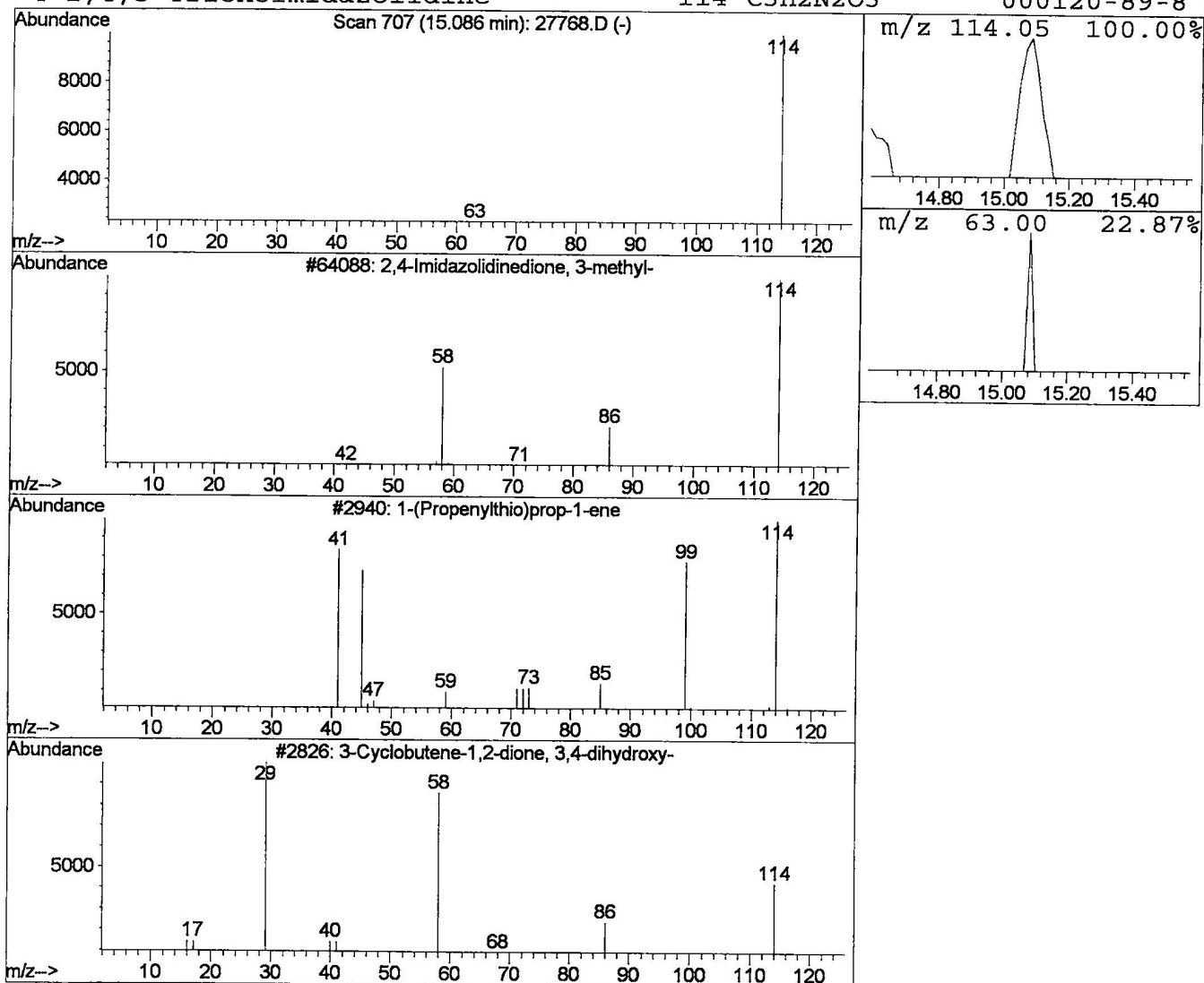
Vial: 15
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	6914	1,4-DIFLUOROBENZENE	14.42

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:32:29

Sample: AD27769
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/15/01 00:09 Ended: 11/15/01 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27769.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.4		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		4.9		.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

REVIEWED BY BV
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:32:29

Sample: AD27769

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/15/01 00:09 Ended: 11/15/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\27769.rr

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
61	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
65	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\01nov15\27769.D
 Acq On : 15 Nov 2001 9:21 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 22:00 2001

Vial: 16
 Operator: 206-BH
 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	467467	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	428621	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	163094	5.00	ug/L	-0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	176548	6.40	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	128.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	109642	4.51	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	90.20%	
23) TOLUENE-D8	17.74	98	637756	4.93	ug/L	0.00
Spiked Amount	5.000		Recovery	=	98.60%	

Target Compounds

Qvalue

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

27769.D HP110101.M Thu Nov 15 22:00:24 2001

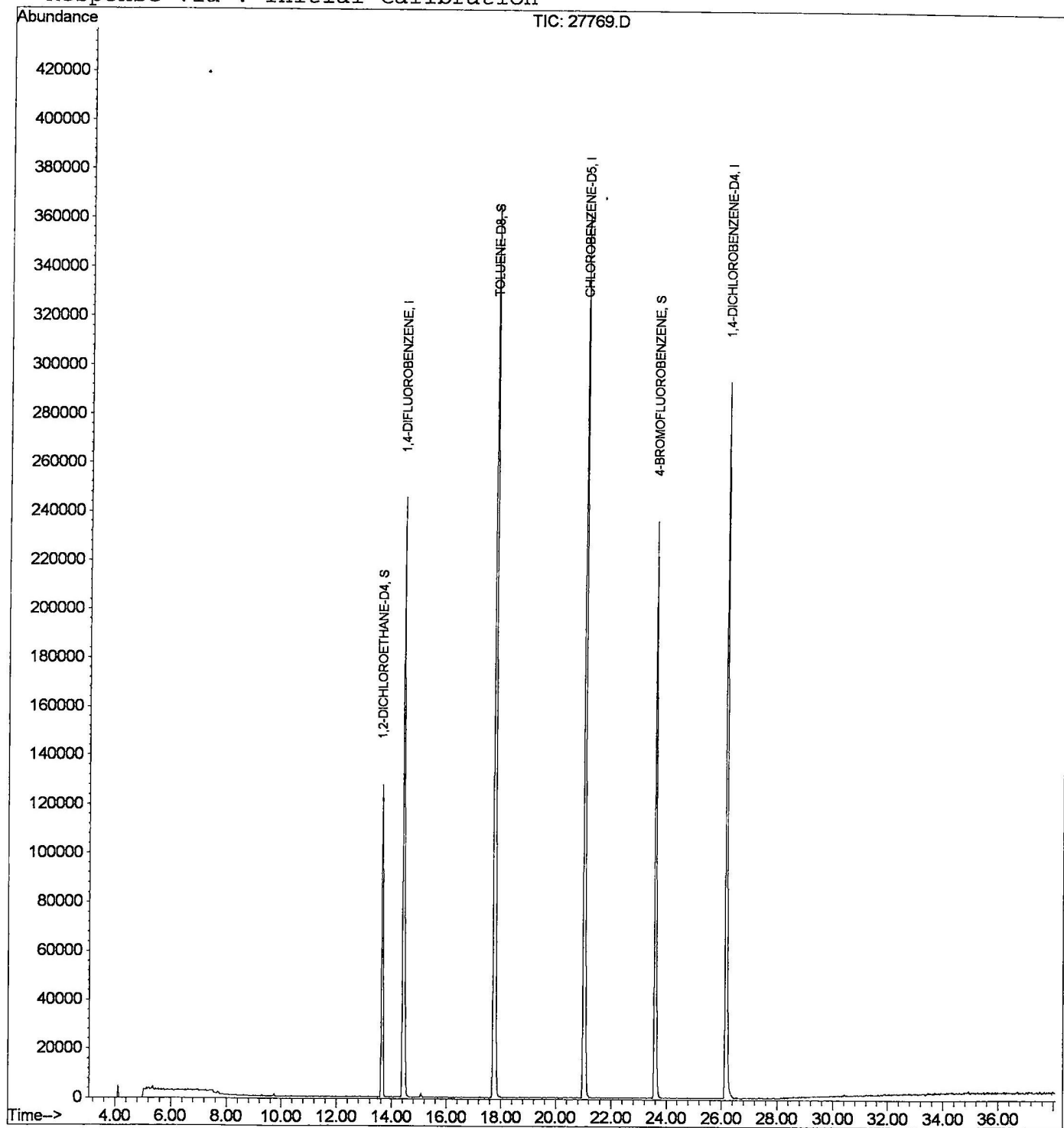
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27769.D
Acq On : 15 Nov 2001 9:21 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 15 22:00 2001

Vial: 16
Operator: 206-BH
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



27769.D HP110101.M

Thu Nov 15 22:00:27 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov15\27769.D
 Acq On : 15 Nov 2001 9:21 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

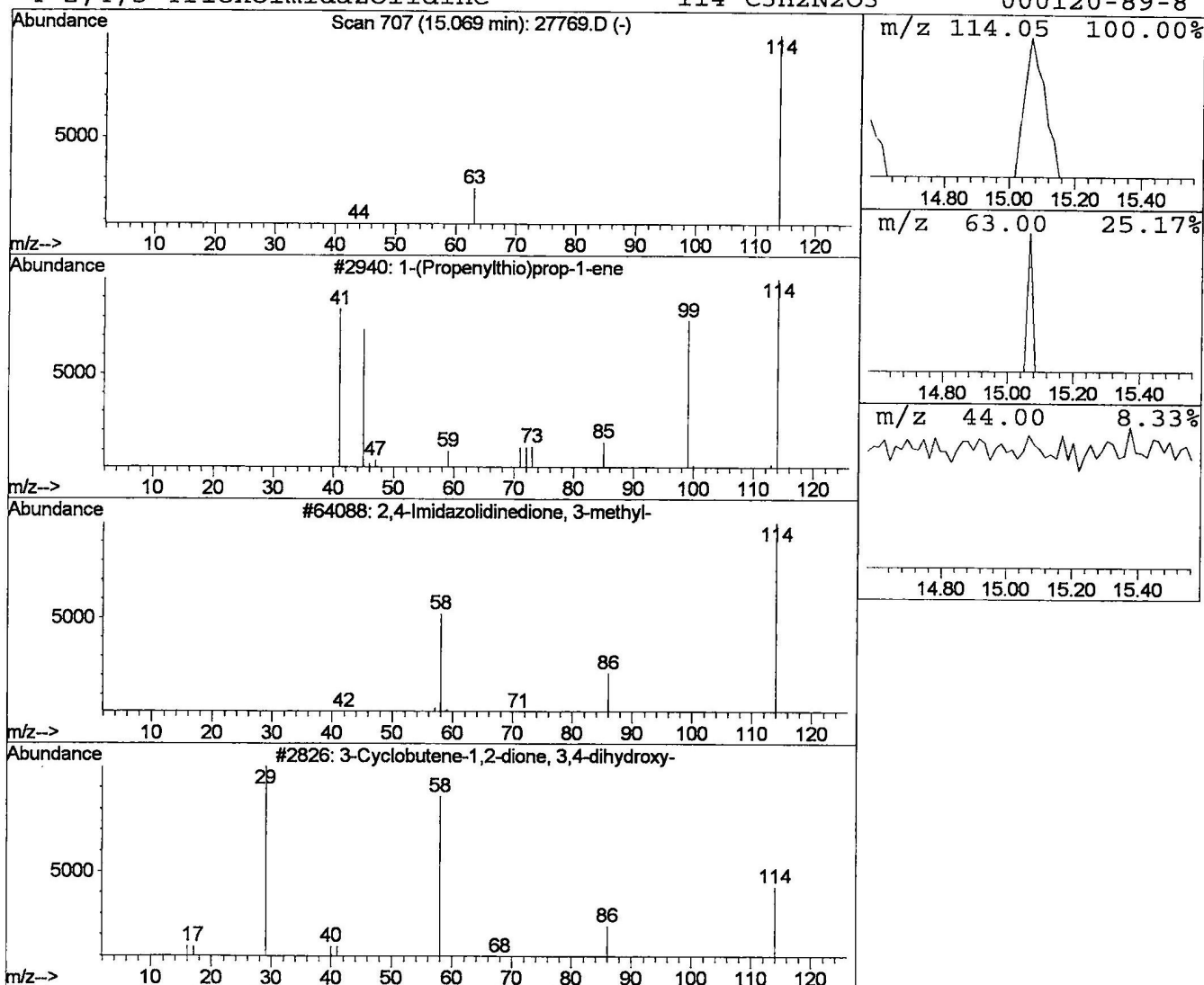
Vial: 16
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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	0.02 ug/L	5832	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: 11/16/2001 Time: 14:36:02

Sample: AD27770
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/15/01 00:00 Ended: 11/15/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27770.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.4		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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

REVIEWED BY AV
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:36:02

Sample: AD27770
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/15/01 00:00 Ended: 11/15/01 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\27770.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

Comments for Sample AD27770 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-21-2001 Time: 14:13:40

HEXANE IS PRESENT IN ONE OF TWO VIALS ANALYZED. THE PROBABLE CAUSE IS LAB CONTAMINATION.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27770.D

Acq On : 15 Nov 2001 10:05 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 15 22:43 2001

Vial: 17

Operator: 206-BH

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	14.44	114	461151	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	412191	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.19	152	161615	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.65	65	173969	6.39	ug/L	0.00
Spiked Amount 5.000			Recovery	=	127.80%	
3) 4-BROMOFLUOROBENZENE	23.62	174	107301	4.48	ug/L	0.02
Spiked Amount 5.000			Recovery	=	89.60%	
23) TOLUENE-D8	17.76	98	638905	5.13	ug/L	0.02
Spiked Amount 5.000			Recovery	=	102.60%	
Target Compounds						
10) ACETONE	7.68	43	7035	2.82	ug/L	Qvalue 91
12) METHYLENE CHLORIDE	8.99	49	4520	0.17	ug/L	83
16) 2-BUTANONE (MEK)	11.53	43	1796	0.35	ug/L	57

LWD

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

27770.D HP110101.M Thu Nov 15 22:43:58 2001

Page 1

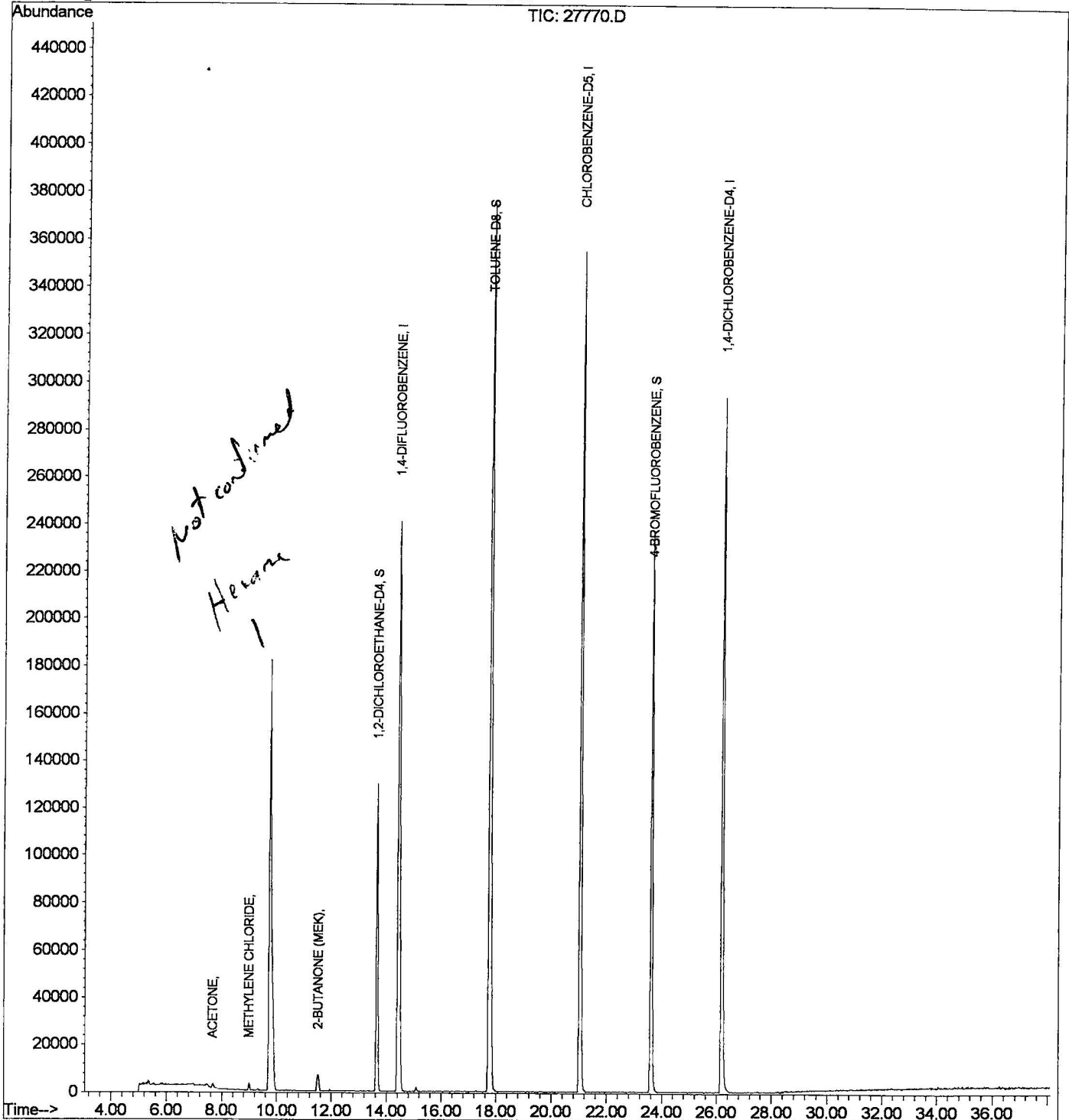
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27770.D
 Acq On : 15 Nov 2001 10:05 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 22:43 2001

Vial: 17
 Operator: 206-BH
 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\01NOV15\27770.D
 Acq On : 15 Nov 2001 10:05 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

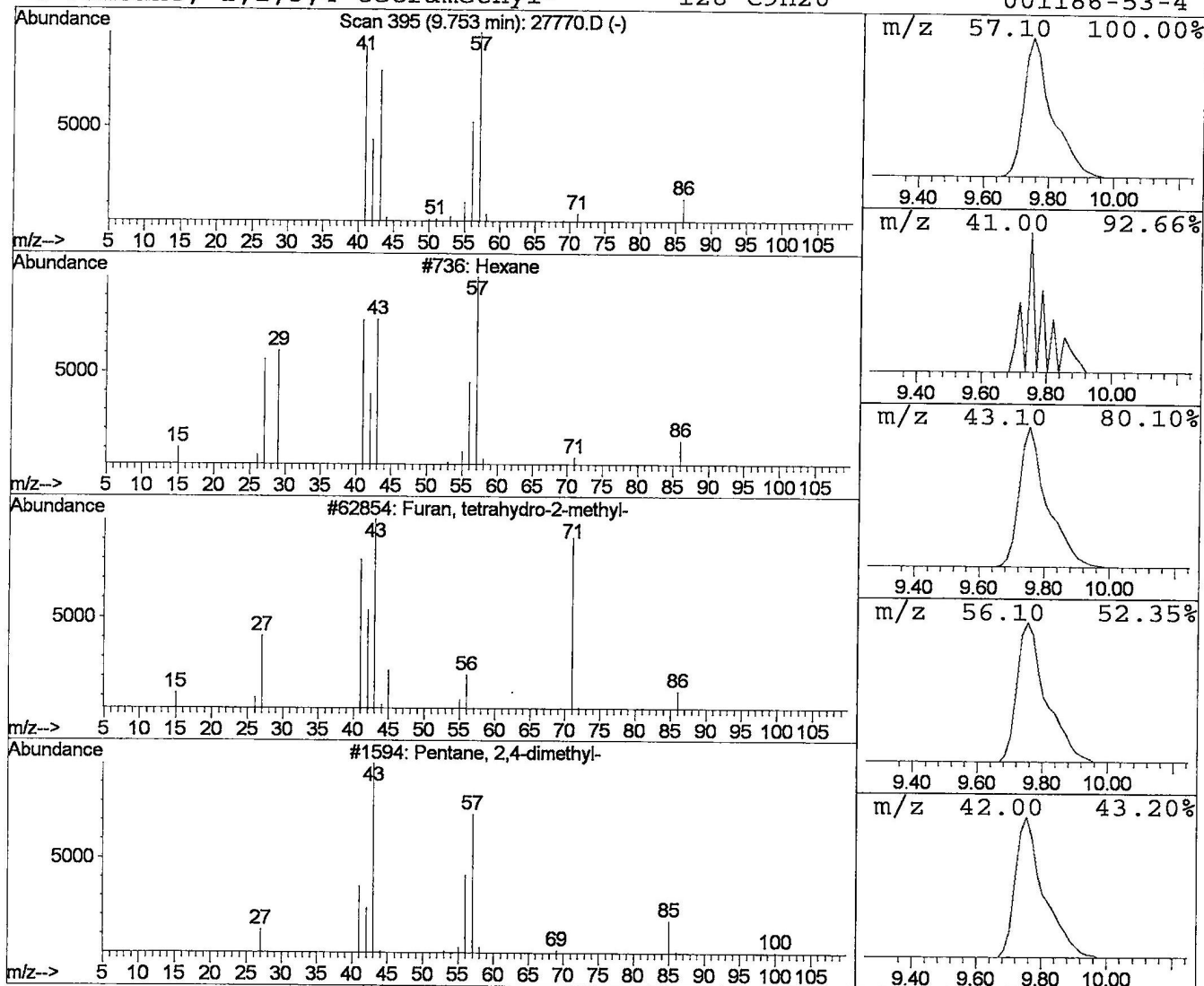
Vial: 17
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.10 ug/L	976364	1,4-DIFLUOROBENZENE	14.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane		86	C6H14	000110-54-3	91
2	Furan, tetrahydro-2-methyl-		86	C5H10O	000096-47-9	50
3	Pentane, 2,4-dimethyl-		100	C7H16	000108-08-7	36
4	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov15\27770.D
Acq On : 15 Nov 2001 10:05 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

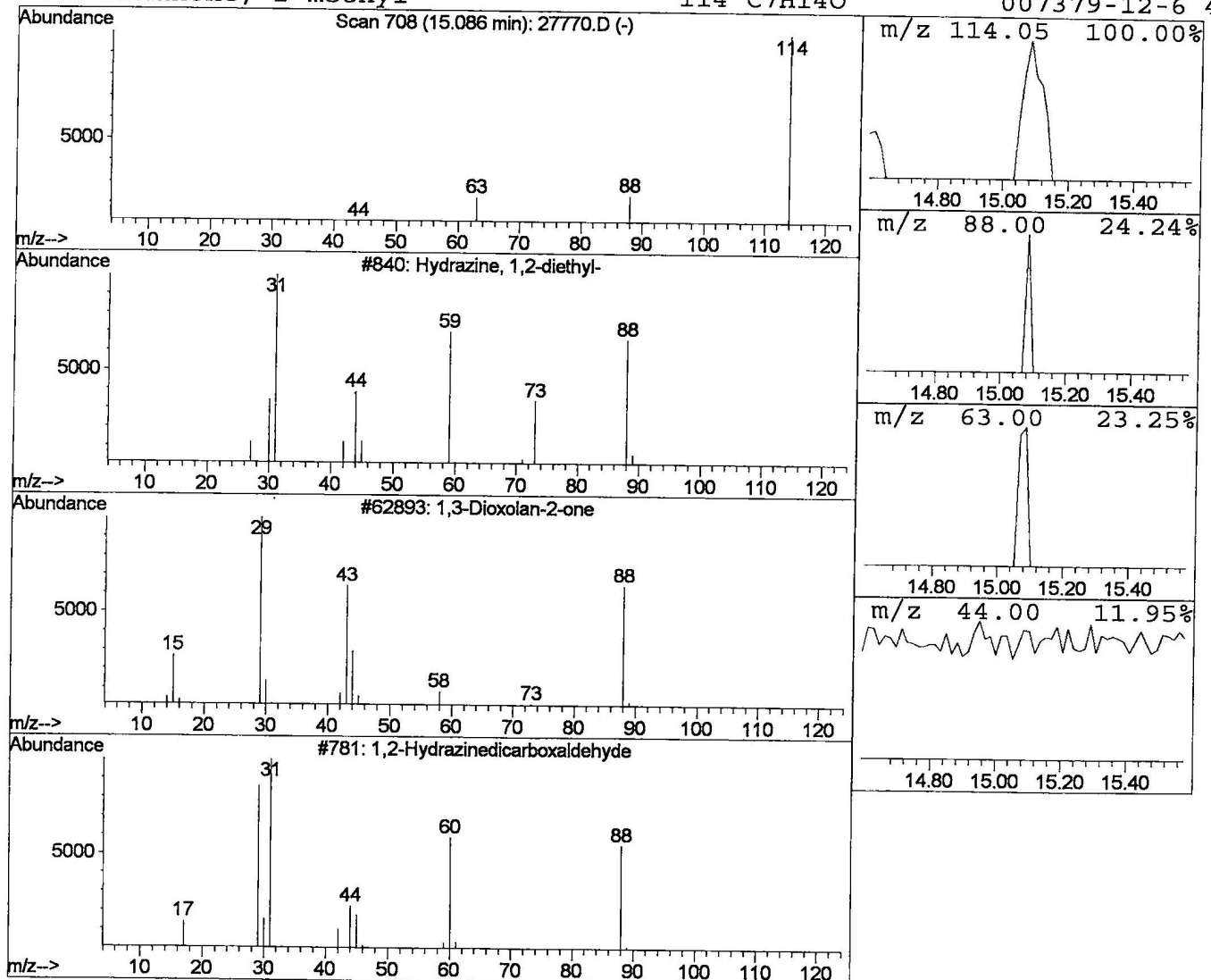
Vial: 17
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 1 Hydrazine, 1,2-diethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	6815	1,4-DIFLUOROBENZENE	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
2		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3		1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV16\27770D.D
 Acq On : 16 Nov 2001 2:01 pm
 Sample : dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 14:40 2001

Vial: 9
 Operator: 206-BH
 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	616623	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	21.01	117	543086	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	221742	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	219969	6.04	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	120.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	154997	4.84	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	96.80%	
23) TOLUENE-D8	17.73	98	801164	4.89	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	97.80%	
Target Compounds						
10) ACETONE	7.68	43	10302	3.08	ug/L	Qvalue 88

 (#) = qualifier out of range (m) = manual integration
 27770D.D HP110101.M Fri Nov 16 14:46:08 2001

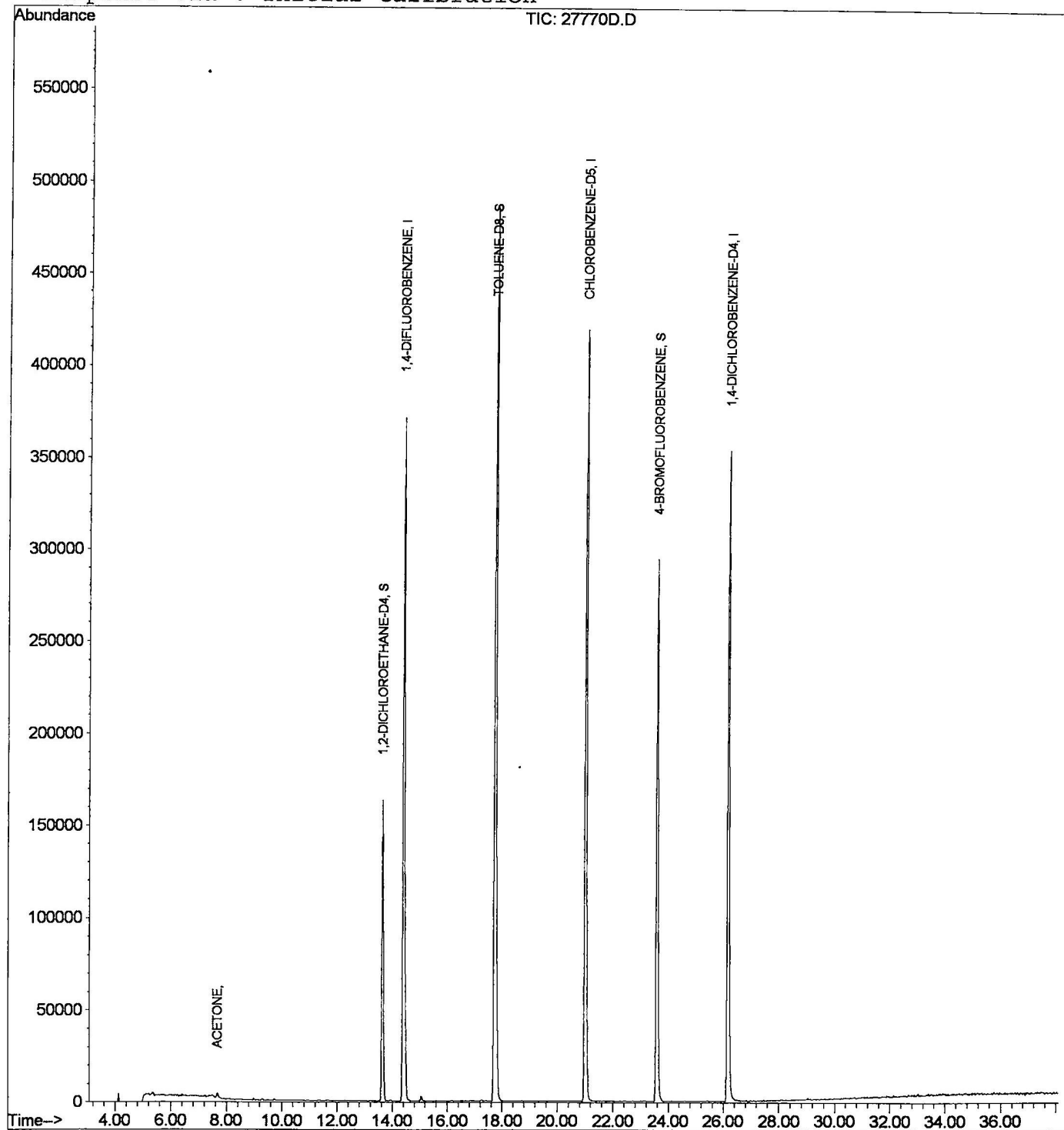
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV16\27770D.D
Acq On : 16 Nov 2001 2:01 pm
Sample : dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 14:40 2001

Vial: 9
Operator: 206-BH
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\01NOV16\27770D.D
 Acq On : 16 Nov 2001 2:01 pm
 Sample : dup
 Misc :
 MS Integration Params: LSCINT.P

Vial: 9
 Operator: 206-BH
 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: 27765T.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	14.404	662	667	677	rBV	371122	1510920	100.00%	99.356%
2	15.052	700	705	712	rBV2	2559	9797	0.65%	0.644%

Sum of corrected areas: 1520717

27770D.D HP110101.M Fri Nov 16 14:46:24 2001

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 09:10:40

Sample: AD27771

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/15/01 00:00 Ended: 11/15/01 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\27771.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.5		5
2	Surr - 4-BROMOFLUOROBENZ		4.4		.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		5.0		.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

REVIEWED BY	<i>AV</i>
DATE	<i>11/21/01</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 09:10:40

Sample: AD27771
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/15/01 00:00 Ended: 11/15/01 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\27771.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

Comments for Sample AD27771 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-21-2001 Time: 14:17:32

METHYLENE CHLORIDE IS PRESENT IN ONE VIAL AT 0.69 ug/L. IT WAS NOT CONFIRMED IN THE ANALYSIS OF A SECOND VIAL, THEREFORE, IT WAS NOT REPORTED. THE PROBABLE CAUSE OF THE PRESENCE OF METHYLENE CHLORIDE IS LAB CONTAMINATION.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27771.D
 Acq On : 15 Nov 2001 10:48 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 23:27 2001

Vial: 18
 Operator: 206-BH
 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	435317	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	387347	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	147528	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.65	65	168123	6.54	ug/L	0.00
Spiked Amount 5.000			Recovery	=	130.80%	
3) 4-BROMOFLUOROBENZENE	23.60	174	99763	4.41	ug/L	0.00
Spiked Amount 5.000			Recovery	=	88.20%	
23) TOLUENE-D8	17.74	98	589729	5.04	ug/L	0.00
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						
10) ACETONE	7.68	43	5047	2.14	ug/L	Qvalue 92
12) METHYLENE CHLORIDE .70	8.99	49	16915	0.69	ug/L	86

↑
 Not confirmed

 (#) = qualifier out of range (m) = manual integration
 27771.D HP110101.M Thu Nov 15 23:27:20 2001

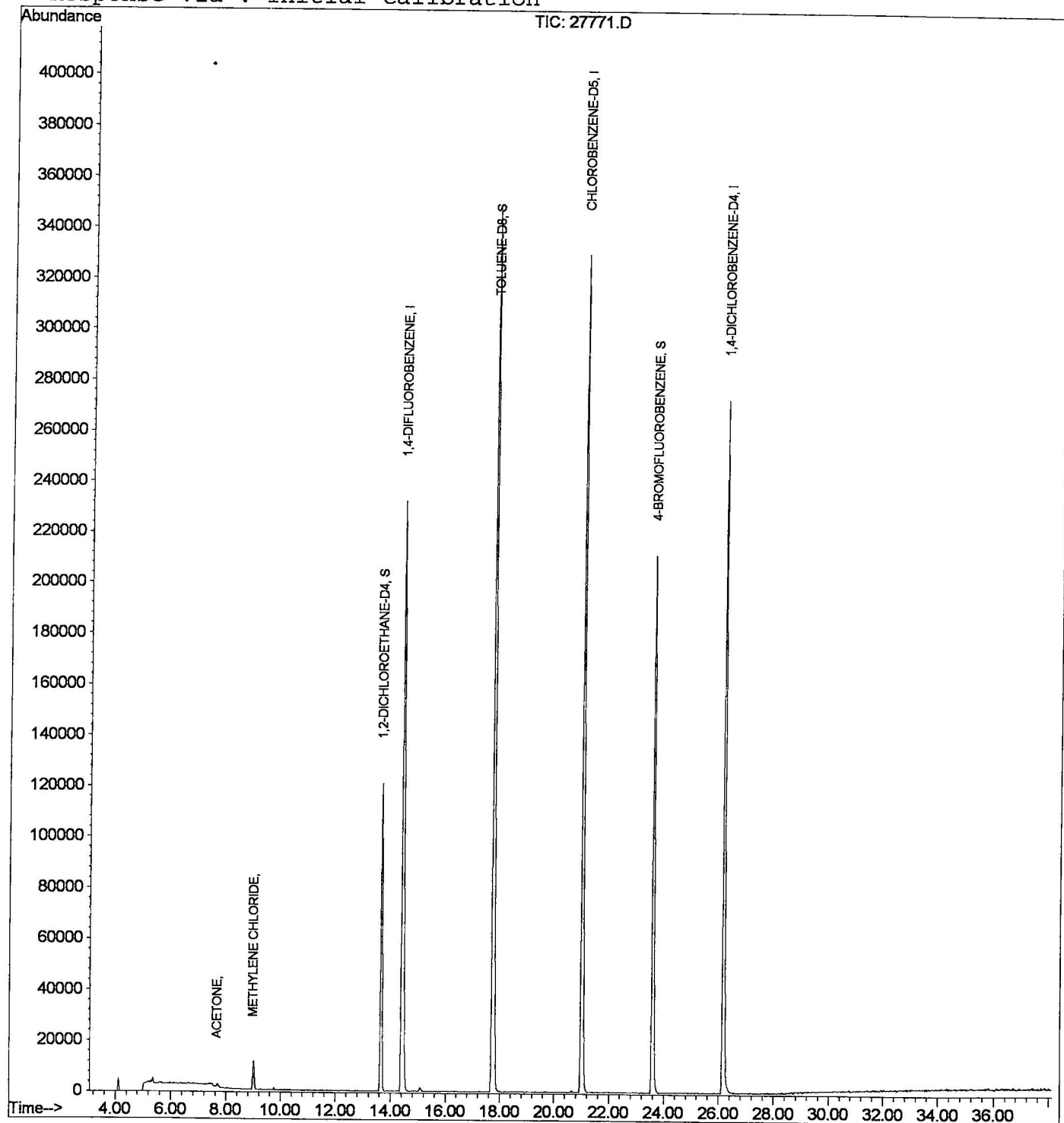
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27771.D
 Acq On : 15 Nov 2001 10:48 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 15 23:27 2001

Vial: 18
 Operator: 206-BH
 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\01nov15\27771.D
 Acq On : 15 Nov 2001 10:48 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

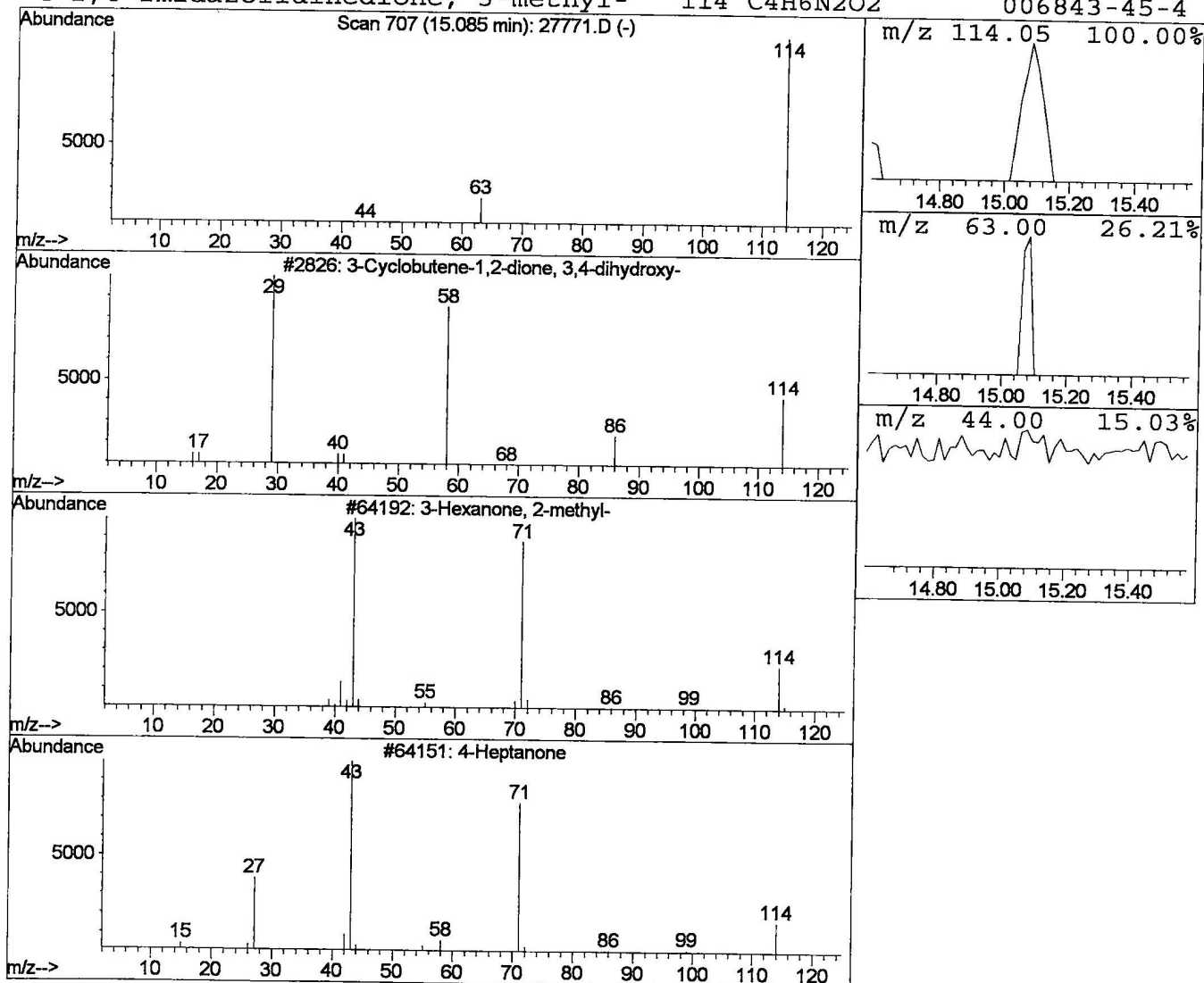
Vial: 18
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	6438	1,4-DIFLUOROBENZENE	14.42

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		2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\27771DU.D
 Acq On : 16 Nov 2001 4:17 pm
 Sample : dup.
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 16:55 2001

Vial: 12
 Operator: 206-BH
 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	14.41	114	541816	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	471917	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	186082	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	201085	6.29	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	125.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	126982	4.51	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	90.20%	
23) TOLUENE-D8	17.73	98	722928	5.07	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
10) ACETONE	7.66	43	9419	3.21	ug/L	Qvalue 87

 (#) = qualifier out of range (m) = manual integration
 27771DU.D HP110101.M Fri Nov 16 16:55:56 2001

Page 1

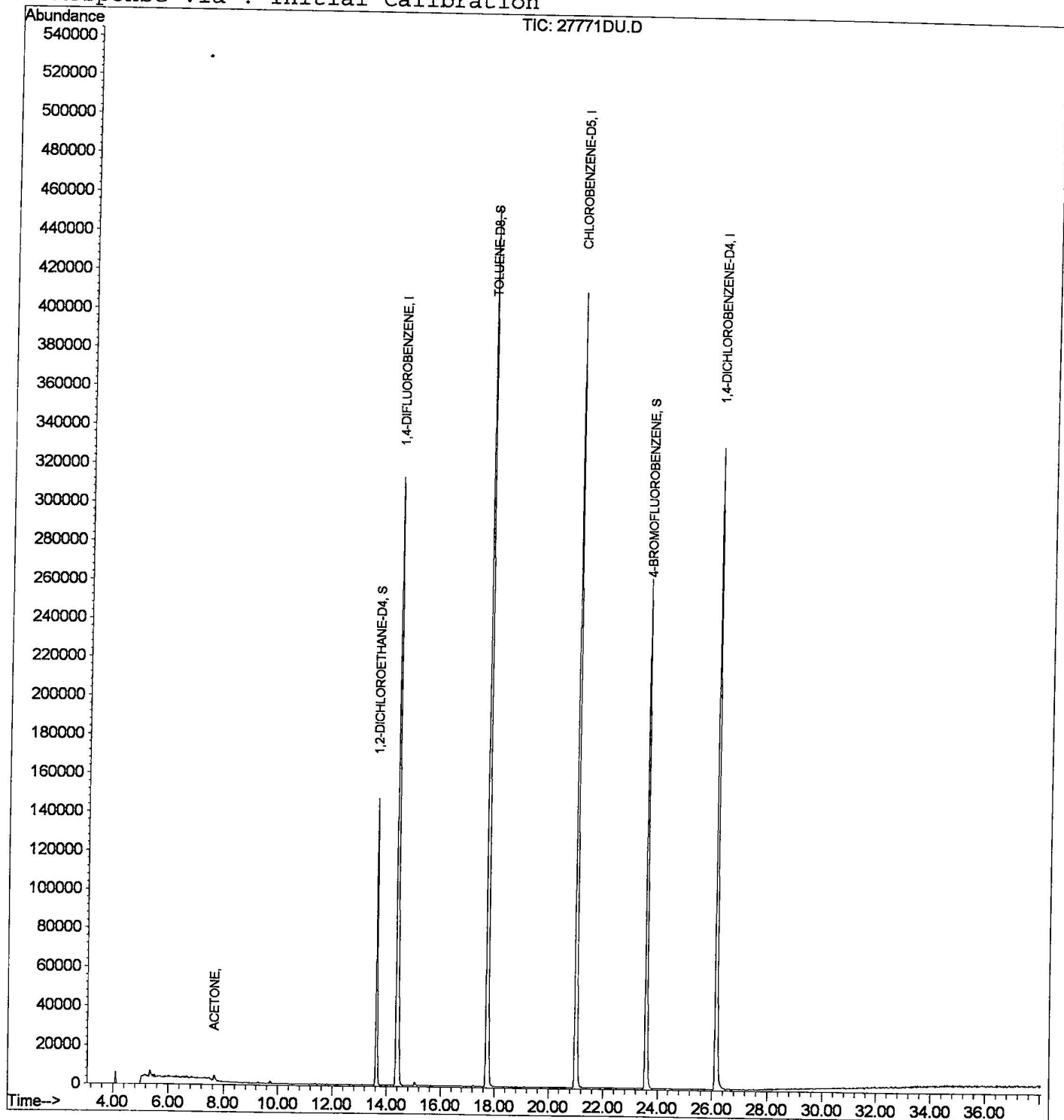
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\27771DU.D
 Acq On : 16 Nov 2001 4:17 pm
 Sample : dup.
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 16:55 2001

Vial: 12
 Operator: 206-BH
 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\01nov16\27771DU.D
 Acq On : 16 Nov 2001 4:17 pm
 Sample : dup.
 Misc :
 MS Integration Params: LSCINT.P

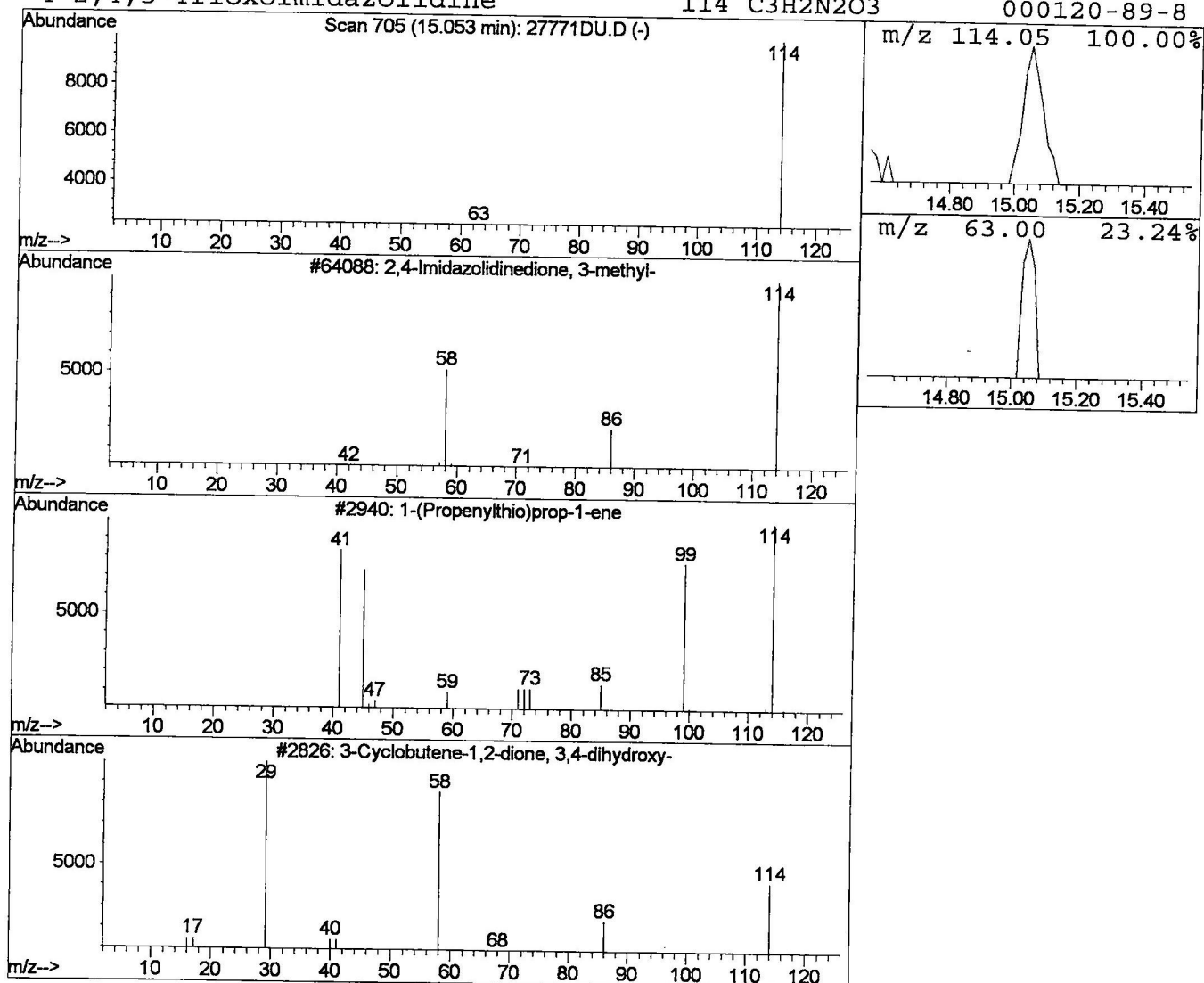
Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.03 ug/L	7830	1,4-DIFLUOROBENZENE	14.41

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:50:55

Sample: AD27772
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/15/01 00:01 Ended: 11/15/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27772.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.6		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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

REVIEWED BY AR
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:50:55

Sample: AD27772
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/15/01 00:01 Ended: 11/15/01 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\27772.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

Comments for Sample AD27772 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-21-2001 Time: 14:39:55

ONE OF THREE SURROGATES IS 2% ABOVE THE UCL.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27772.D
 Acq On : 15 Nov 2001 11:31 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 0:10 2001

Vial: 19
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

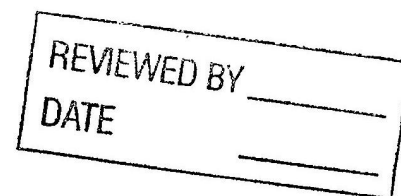
Quant Results File: HP110101.RES

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	14.44	114	422690	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.01	117	383106	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	150970	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.65	65	164536	6.60	ug/L	0.00
Spiked Amount 5.000			Recovery	=	132.00%	
3) 4-BROMOFLUOROBENZENE	23.60	174	98533	4.48	ug/L	0.00
Spiked Amount 5.000			Recovery	=	89.60%	
23) TOLUENE-D8	17.74	98	593972	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery	=	102.80%	

Target Compounds

Qvalue



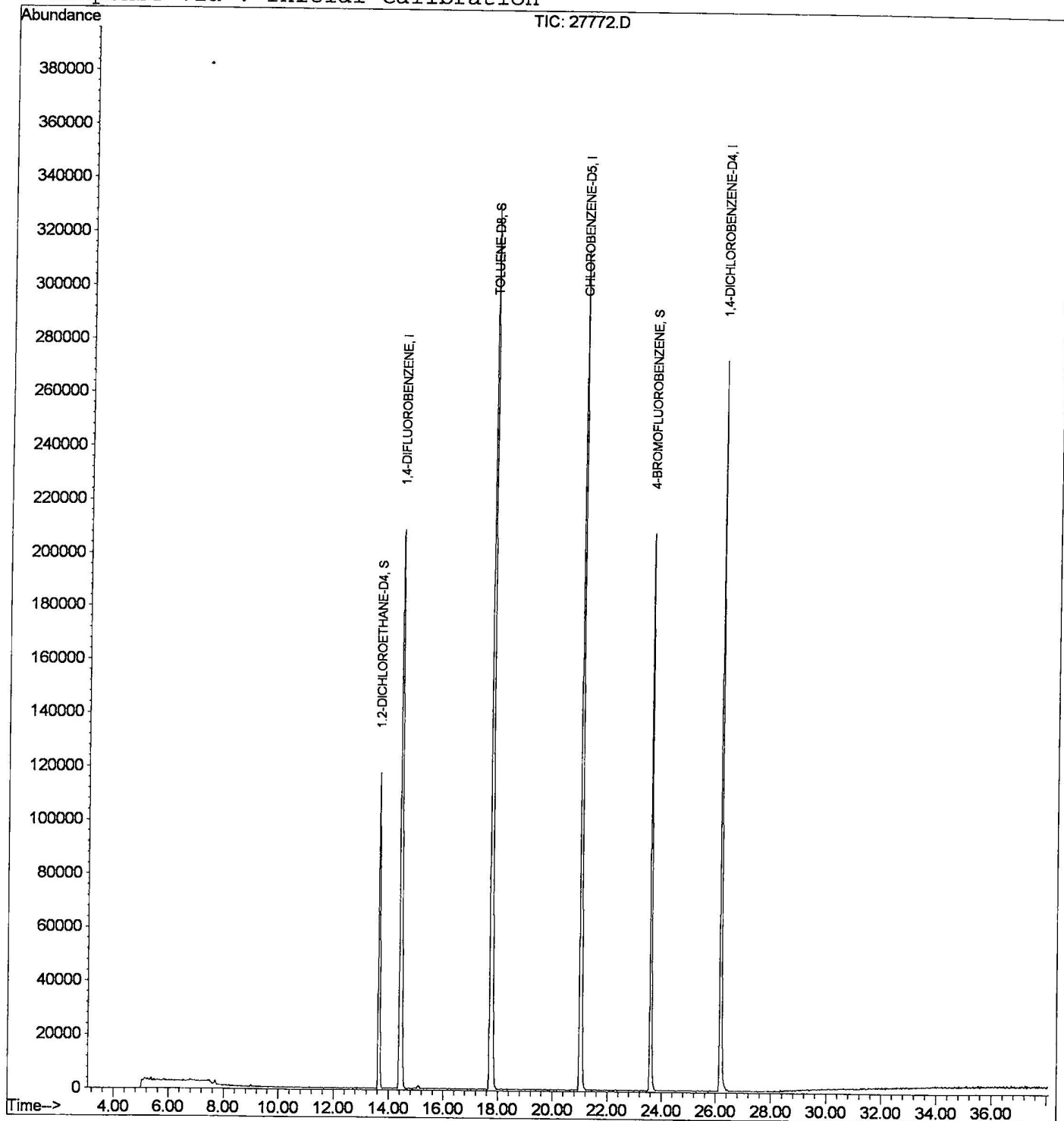
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27772.D
 Acq On : 15 Nov 2001 11:31 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 0:10 2001

Vial: 19
 Operator: 206-BH
 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

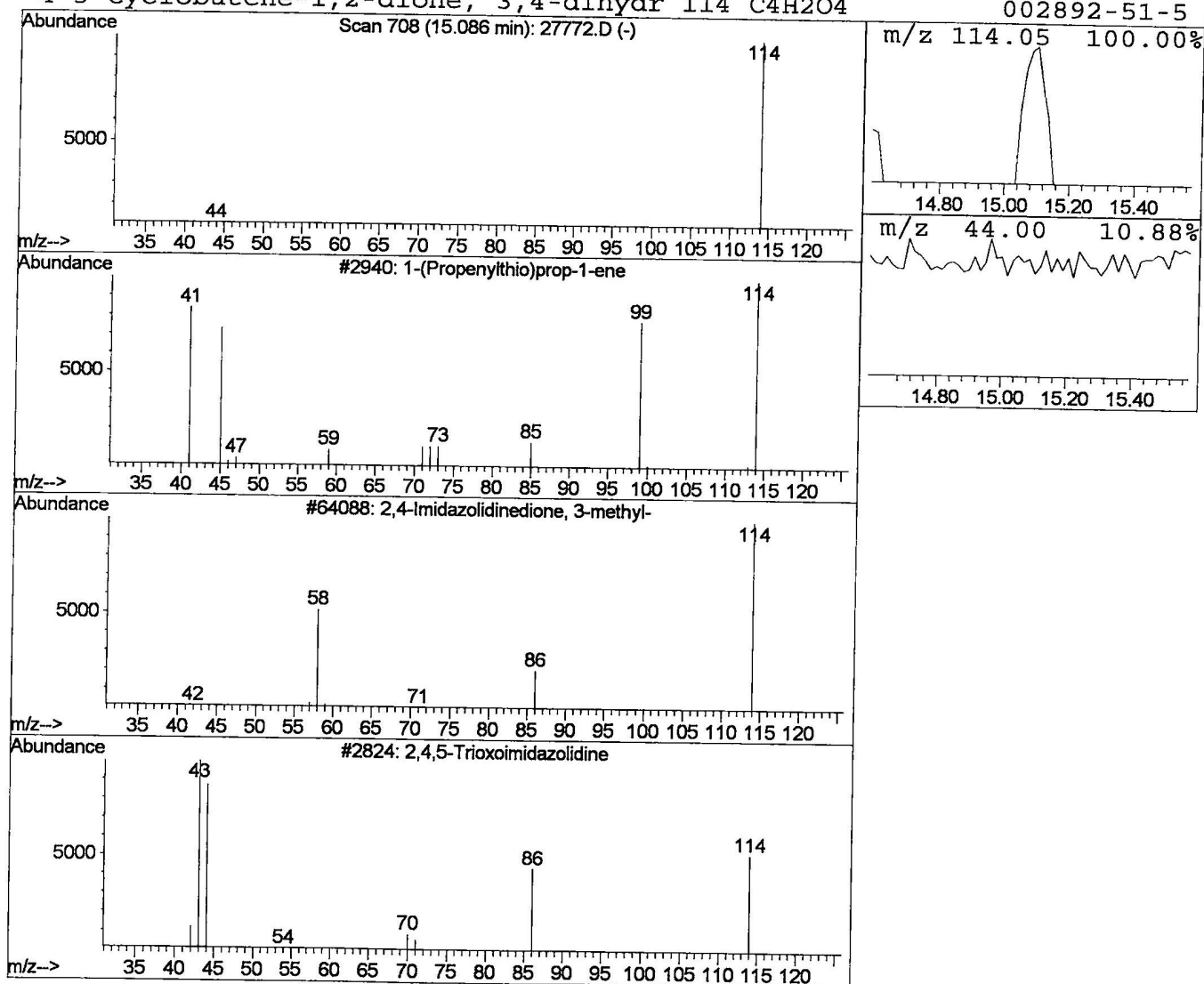
Data File : C:\HPCHEM\1\DATA\01nov15\27772.D
 Acq On : 15 Nov 2001 11:31 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

Vial: 19
 Operator: 206-BH
 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.	
15.09	0.02 ug/L	5129	1,4-DIFLUOROBENZENE		14.44	
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		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 09:13:26

Sample: AD27773
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:02 Ended: 11/16/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27773.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.7		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		5.0		.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

REVIEWED BY AV
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 09:13:26

Sample: AD27773
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/16/01 00:02 Ended: 11/16/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\27773.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

Comments for Sample AD27773 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-21-2001 Time: 14:42:04

MTBE IS PRESENT IN ONE VIAL AT 5.3 ug/L. IT WAS NOT CONFIRMED IN THE ANALYSIS OF A SECOND VIAL, THEREFORE, IT WAS NOT REPORTED.
ONE OF THREE SURROGATES IS 4% ABOVE THE UCL.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27773.D
 Acq On : 16 Nov 2001 12:15 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 0:53 2001

Vial: 20
 Operator: 206-BH
 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	411258	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.02	117	374374	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	142356	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	162166	6.68	ug/L	0.00
Spiked Amount 5.000			Recovery	=	133.60%	
3) 4-BROMOFLUOROBENZENE	23.60	174	95300	4.46	ug/L	0.00
Spiked Amount 5.000			Recovery	=	89.20%	
23) TOLUENE-D8	17.74	98	567409	5.02	ug/L	0.00
Spiked Amount 5.000			Recovery	=	100.40%	
Target Compounds						
10) ACETONE	7.68	43	10832	4.86	ug/L	Qvalue 88
13) METHYL TERT BUTYL ETHER 5.3	9.29	73	207526	5.29	ug/L	96

↑
 not confirmed

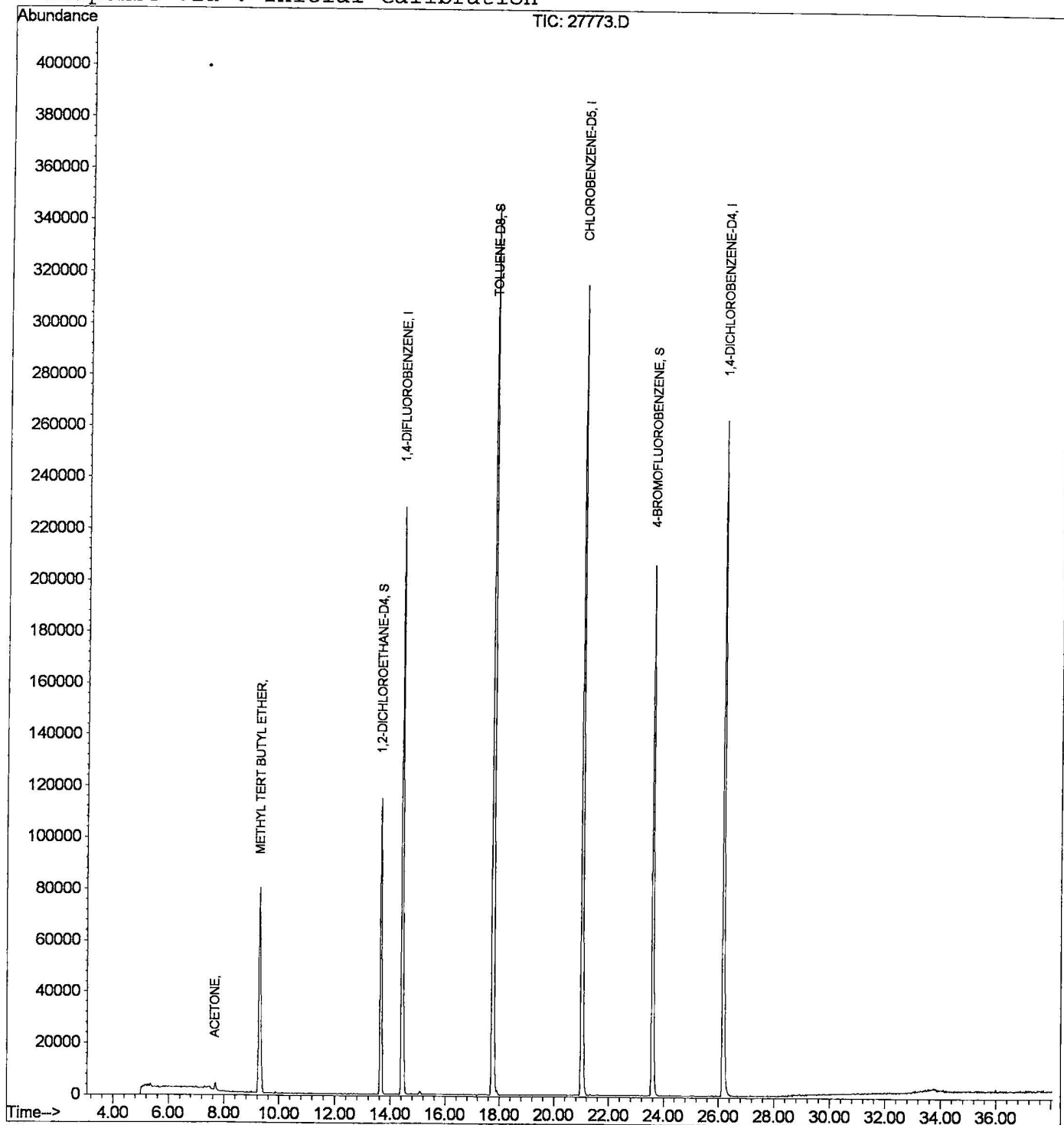
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27773.D
 Acq On : 16 Nov 2001 12:15 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 0:53 2001

Vial: 20
 Operator: 206-BH
 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\01nov15\27773.D
 Acq On : 16 Nov 2001 12:15 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

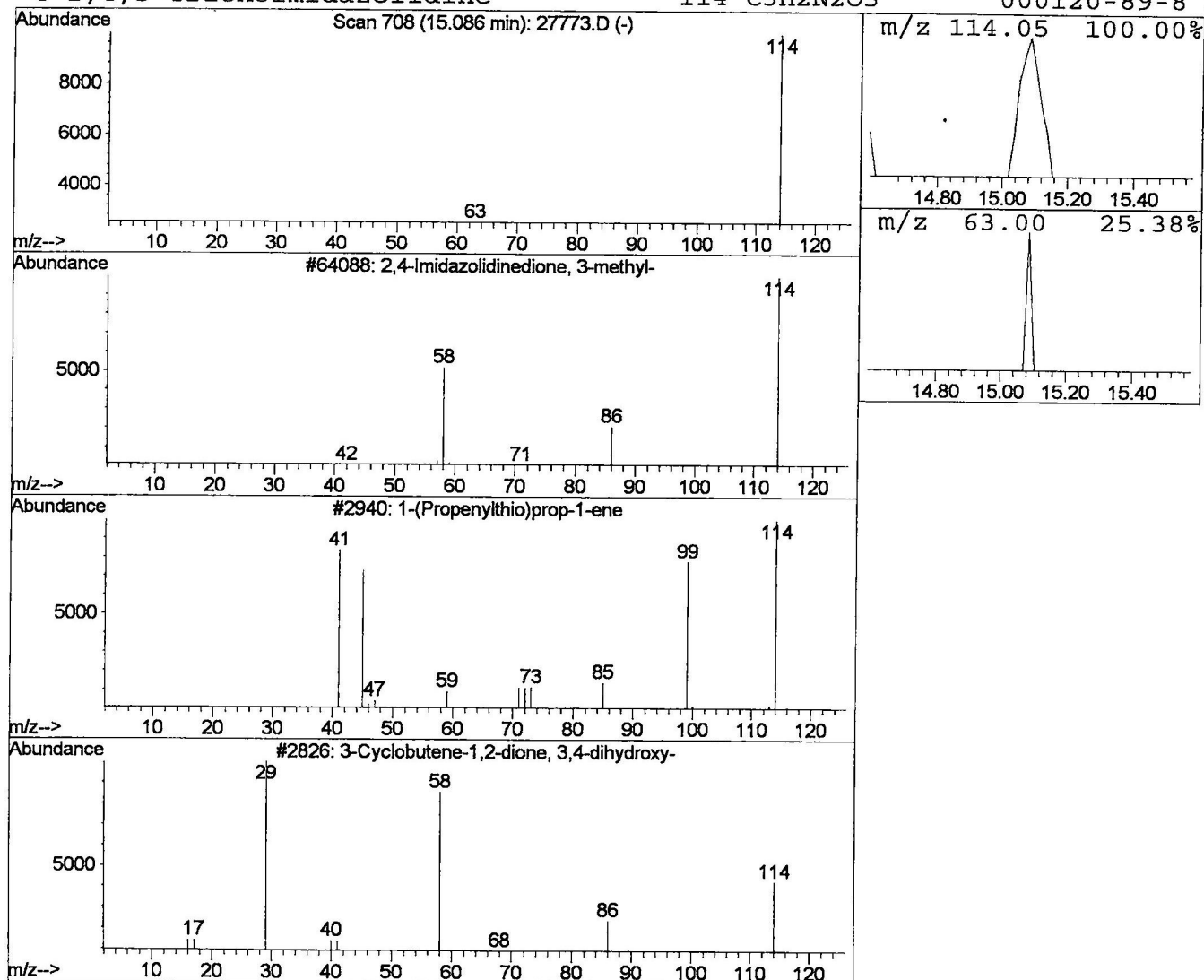
Vial: 20
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	5375	1,4-DIFLUOROBENZENE	14.42

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



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\27773DU.D
 Acq On : 16 Nov 2001 5:00 pm
 Sample : dup.
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 17:39 2001

Vial: 14
 Operator: 206-BH
 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	537367	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	466462	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	182928	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	204477	6.45	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	129.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	124063	4.44	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	88.80%	
23) TOLUENE-D8	17.73	98	701795	4.98	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	99.60%	
Target Compounds						
10) ACETONE	7.68	43	11244	3.86	ug/L	Qvalue 86

 (#) = qualifier out of range (m) = manual integration
 27773DU.D HP110101.M Fri Nov 16 17:39:25 2001

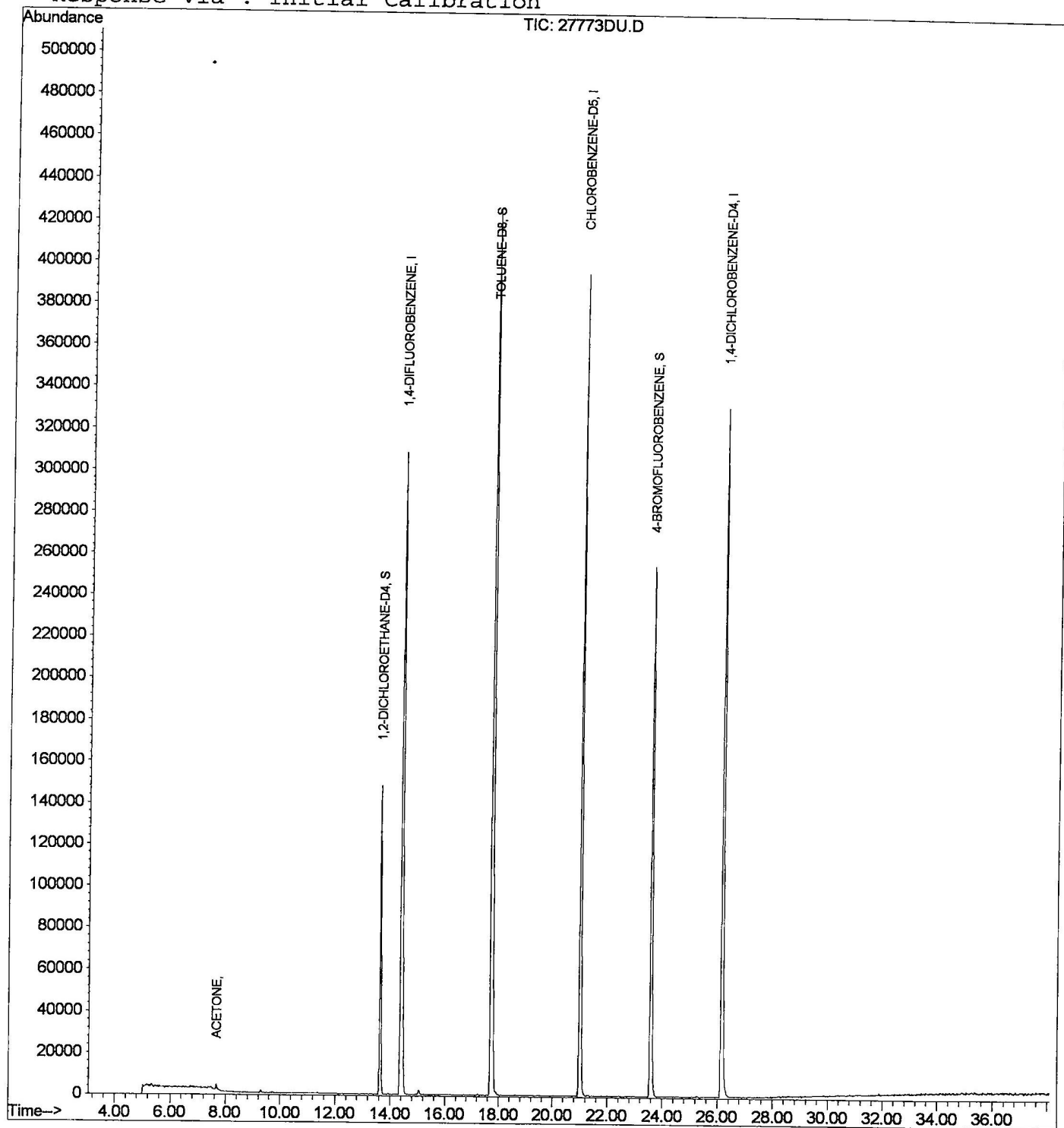
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\27773DU.D
 Acq On : 16 Nov 2001 5:00 pm
 Sample : dup.
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 17:39 2001

Vial: 14
 Operator: 206-BH
 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\01nov16\27773DU.D
 Acq On : 16 Nov 2001 5:00 pm
 Sample : dup.
 Misc :
 MS Integration Params: LSCINT.P

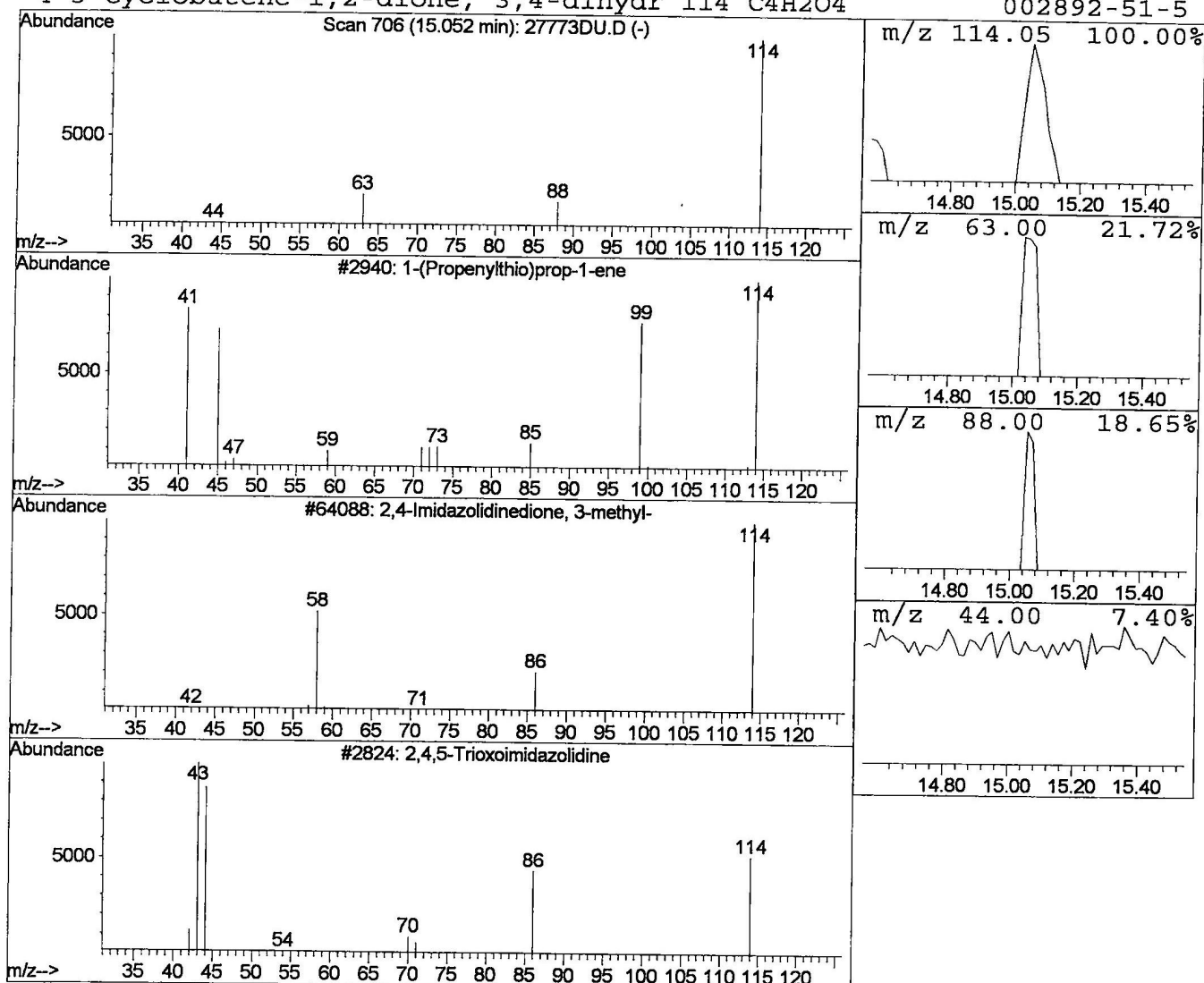
Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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	8652	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	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2		
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2		



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:51:52

Sample: AD27774
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:02 Ended: 11/16/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27774.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.6		.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		.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		5.0		.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

REVIEWED BY	<i>RV</i>
DATE	<i>11/21/01</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:51:52

Sample: AD27774

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/16/01 00:02 Ended: 11/16/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\27774.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

Comments for Sample AD27774 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-21-2001 Time: 14:42:33

ONE OF THREE SURROGATES IS 1% ABOVE THE UCL.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27774.D
 Acq On : 16 Nov 2001 12:58 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 1:37 2001

Vial: 21
 Operator: 206-BH
 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	14.44	114	424241	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	380471	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.18	152	144571	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.65	65	164245	6.56	ug/L	0.00
Spiked Amount 5.000			Recovery	=	131.20%	
3) 4-BROMOFLUOROBENZENE	23.60	174	96451	4.37	ug/L	0.00
Spiked Amount 5.000			Recovery	=	87.40%	
23) TOLUENE-D8	17.74	98	573691	4.99	ug/L	0.00
Spiked Amount 5.000			Recovery	=	99.80%	
Target Compounds						
10) ACETONE	7.69	43	6733	2.93	ug/L	Qvalue 93

 (#) = qualifier out of range (m) = manual integration
 27774.D HP110101.M Fri Nov 16 01:37:36 2001

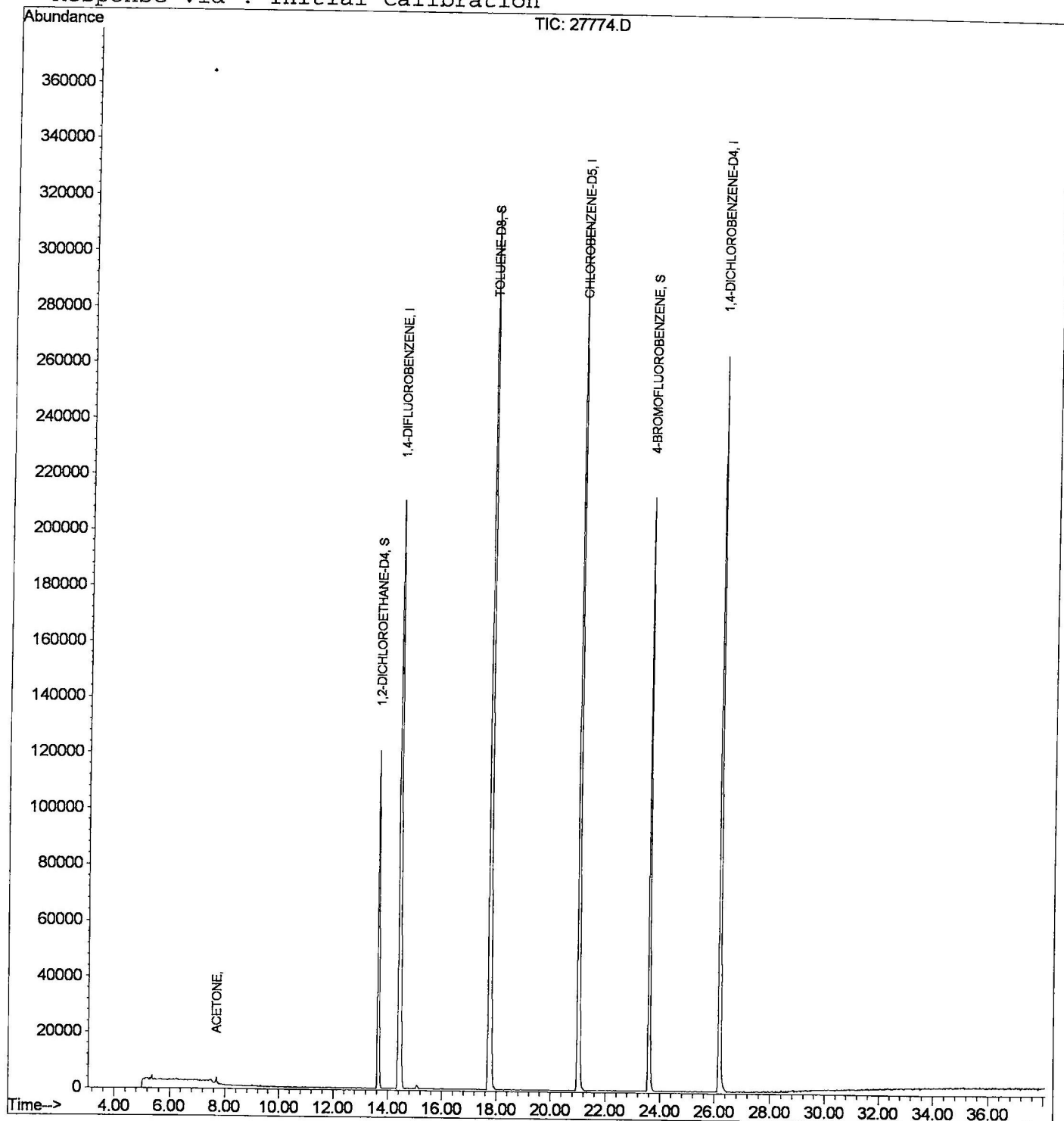
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27774.D
 Acq On : 16 Nov 2001 12:58 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 1:37 2001

Vial: 21
 Operator: 206-BH
 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\01nov15\27774.D
Acq On : 16 Nov 2001 12:58 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

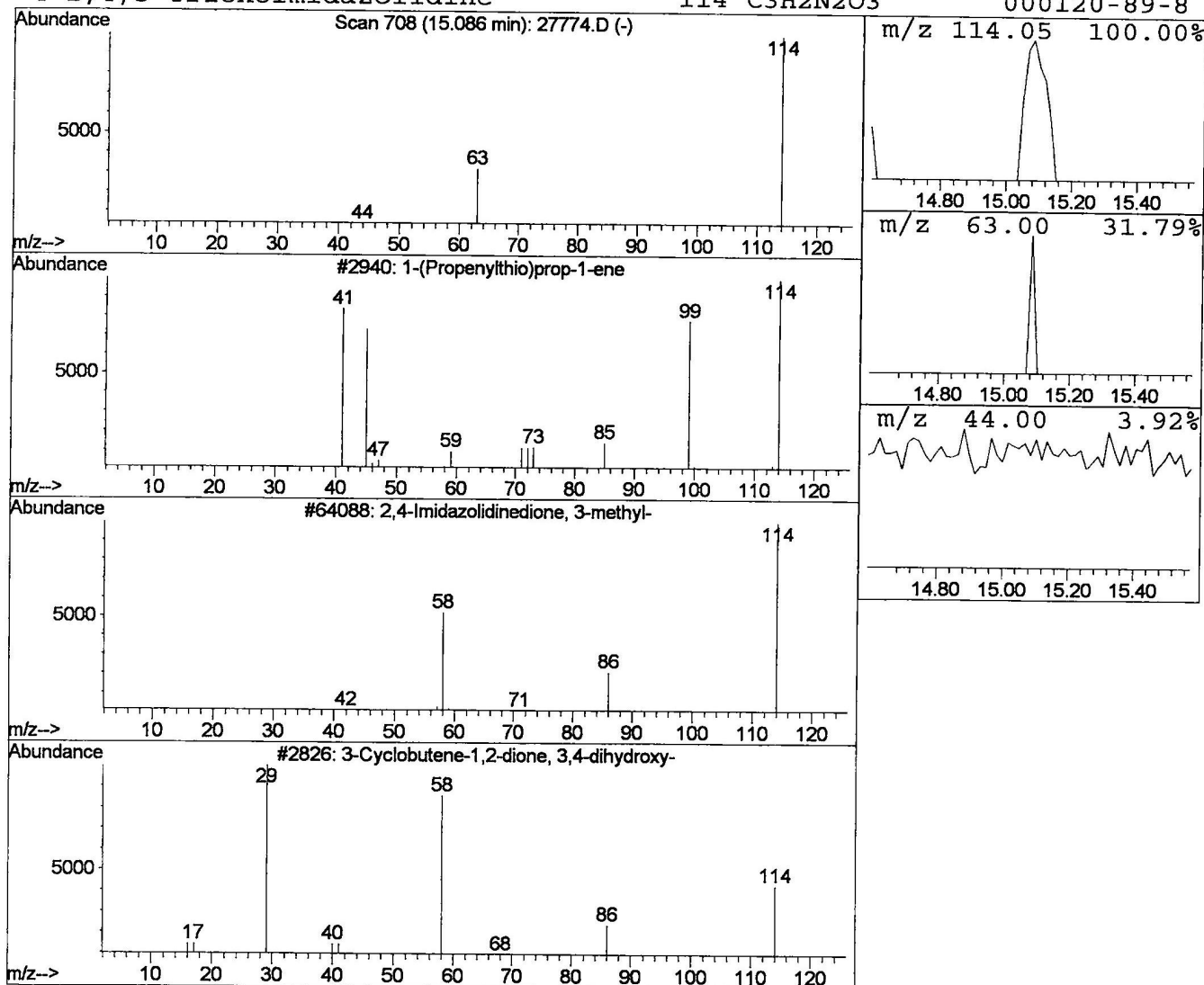
Vial: 21
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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.
15.09	0.02 ug/L	5511	1,4-DIFLUOROBENZENE	14.44

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: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 11:47:39

Sample: AD27764
 Analysis: SC3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/16/01 00:01 Ended: 11/16/01 00:01 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		6.5	.5
2	Surr_4-BROMOFLUOROBENZEN		5.4	.5
3	Dichlorodifluoromethane		7.9	.5
4	Chloromethane		12	.5
5	Vinyl chloride	USPEC	14	.5
6	Bromomethane		9.8	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		10	.5
9	1,1-Dichloroethene	USPEC	14	.5
10	Methylene chloride	USPEC	15	.5
11	Methyl tert-butyl ether		8.2	1.0
12	trans-1,2-dichloroethene	USPEC	14	.5
13	1,1-dichloroethane	USPEC	14	.5
14	2-butanone (MEK)		12	2.0
15	2,2-dichloropropane		11	.5
16	cis-1,2-dichloroethene		12	.5
17	Chloroform	USPEC	14	.5
18	Bromochloromethane	USPEC	15	.5
19	1,2-dichloroethane	USPEC	15	.5
20	Surr_TOLUENE-D8		5.0	.5
21	1,1,1-trichloroethane		13	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride		13	.5
24	Benzene		12	.5
25	Trichloroethene		12	.5
26	1,2-dichloropropane		13	.5
27	Dibromomethane		10	.5
28	Bromodichloromethane		13	.5
29	Methyl iso-butyl ketone		13	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		13	.5
33	1,1,2-trichloroethane		12	.5
34	Tetrachloroethene		11	.5
35	1,3-dichloropropane		13	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		12	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene		12	.5
40	P & M-xylene		25	.5
41	O-xylene	USPEC	14	.5
42	Styrene		13	.5
43	1,1,2,2-tetrachloroethane	USPEC	14	.5
44	Bromoform		12	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		11	.5

10

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 11:47:39

Sample: AD27764
Analysis: SC3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/16/01 00:01 Ended: 11/16/01 00:01 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		10	.5
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		13	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		12	.5
61	Hexachlobutadiene		13	.5
62	Naphthalene		10	.5
63	1,2,3-trichlorobenzene		12	.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10B.D
 Acq On : 16 Nov 2001 1:42 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 2:20 2001

Vial: 6
 Operator: 206-BH
 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	14.44	114	425636	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	390231	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.18	152	196924	5.00	ug/L	-0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.65	65	162435	6.47	ug/L	0.00
Spiked Amount	5.000		Recovery	=	129.40%	
3) 4-BROMOFLUOROBENZENE	23.60	174	118824	5.37	ug/L	0.00
Spiked Amount	5.000		Recovery	=	107.40%	
23) TOLUENE-D8	17.76	98	588404	4.99	ug/L	0.02
Spiked Amount	5.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.48	85	89362	7.86	ug/L	99
5) CHLOROMETHANE	4.99	50	132109	12.06	ug/L	99
6) VINYL CHLORIDE	5.17	62	112636	13.59	ug/L	98
7) BROMOMETHANE	6.08	94	101291	9.76	ug/L	96
8) CHLOROETHANE	6.20	64	82568	11.07	ug/L	94
9) TRICHLOROFLUOROMETHANE	6.74	101	190607	10.45	ug/L	99
10) ACETONE	7.68	43	33351	14.46	ug/L	98
11) 1,1-DICHLOROETHENE	8.02	61	312969	14.28	ug/L	89
12) METHYLENE CHLORIDE	9.00	49	347417	14.52	ug/L	89
13) METHYL TERT BUTYL ETHER	9.29	73	333865	8.22	ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.65	61	353757	14.39	ug/L	91
15) 1,1-DICHLOROETHANE	10.52	63	436841	13.57	ug/L	99
16) 2-BUTANONE (MEK)	11.35	43	54766	11.72	ug/L	93
17) 2,2-DICHLOROPROPANE	11.73	77	277418	11.47	ug/L	94
18) CIS-1,2-DICHLOROETHENE	11.81	96	209519	12.09	ug/L	81
19) CHLOROFORM	12.14	83	389894	13.56	ug/L	99
20) BROMOCHLOROMETHANE	12.51	49	210780	14.65	ug/L	81
21) 1,2-DICHLOROETHANE	13.84	62	270710	15.42	ug/L	97
24) 1,1,1-TRICHLOROETHANE	13.04	97	308983	13.31	ug/L	99
25) 1,1-DICHLOROPROPENE	13.36	75	309691	12.20	ug/L	94
26) CARBON TETRACHLORIDE	13.62	117	233586	13.08	ug/L	98
27) BENZENE	13.96	78	959922	12.09	ug/L	100
28) TRICHLOROETHENE	15.22	95	217312	11.66	ug/L	93
29) 1,2-DICHLOROPROPANE	15.58	63	270486	12.89	ug/L	98
30) DIBROMOMETHANE	16.23	174	53013	10.46	ug/L	75
31) BROMODICHLOROMETHANE	16.07	83	273935	13.04	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.57	63	75122	12.63	ug/L	94
33) Methyl iso-butyl ketone	16.65	58	42337	13.23	ug/L	76

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

1115C10B.D HP110101.M Fri Nov 16 02:20:51 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10B.D
 Acq On : 16 Nov 2001 1:42 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 2:20 2001

Vial: 6
 Operator: 206-BH
 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	17.16	75	335097	12.20	ug/L	97
35) TOLUENE	17.93	91	1006504	12.30	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.20	75	268067	13.19	ug/L	96
37) 1,1,2-TRICHLOROETHANE	18.58	97	124384	12.14	ug/L	97
38) TETRACHLOROETHENE	19.36	166	144709	10.57	ug/L	94
39) 1,3-DICHLOROPROPANE	19.11	76	265627	12.67	ug/L	99
40) DIBROMOCHLOROMETHANE	19.77	129	118434	12.01	ug/L	97
41) 1,2-DIBROMOETHANE	20.23	107	105464	11.92	ug/L	97
42) CHLOROBENZENE	21.12	112	581104	11.79	ug/L	93
43) 1,1,1,2-TETRACHLOROETHANE	21.15	131	170145	12.32	ug/L	99
44) 2-HEXANONE	18.49	43	84908	14.67	ug/L	91
45) ETHYLBENZENE	21.15	91	1211777	12.47	ug/L	97
46) P & M-XYLENE	21.32	106	839903	24.69	ug/L	94
47) O-XYLENE	22.29	91	1019184	13.53	ug/L	97
48) STYRENE	22.34	104	706080	13.12	ug/L	96
49) 1,1,2,2-TETRACHLOROETHANE	23.35	83	150474	14.25	ug/L	100
51) BROMOFORM	23.18	173	47053	11.86	ug/L	99
52) ISOPROPYLBENZENE	23.01	105	1116804	11.09	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.67	110	36039	11.38	ug/L	81
54) N-PROPYLBENZENE	23.88	91	1523432	11.15	ug/L	97
55) BROMOBENZENE	24.10	156	184367	10.43	ug/L	83
56) 1,3,5-TRIMETHYLBENZENE	24.18	105	951730	11.07	ug/L	94
57) 2-CHLOROTOLUENE	24.34	91	1043861	12.79	ug/L	94
58) 4-CHLOROTOLUENE	24.42	91	836386	10.44	ug/L	96
59) TERT-BUTYLBENZENE	24.98	134	184838	10.69	ug/L	87
60) 1,2,4-TRIMETHYLBENZENE	25.07	105	994871	11.06	ug/L	97
61) SEC-BUTYLBENZENE	25.43	105	1290327	10.85	ug/L	97
62) P-ISOPROPYLTOLUENE	25.70	119	1013748	10.94	ug/L	97
63) 1,3-DICHLOROBENZENE	26.04	146	431498	11.06	ug/L	97
64) 1,4-DICHLOROBENZENE	26.24	146	424575	11.03	ug/L	96
65) N-BUTYLBENZENE	26.57	91	1093784	10.57	ug/L	98
66) 1,2-DICHLOROBENZENE	27.10	146	361162	11.27	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.73	157	15652	11.37	ug/L	98
68) NITROBENZENE	28.94	77	145644	239.60	ug/L	92
69) 1,2,4-TRICHLOROBENZENE	30.67	180	199662	11.77	ug/L	99
70) HEXACHLOROBUTADIENE	30.93	225	100553	12.59	ug/L	97
71) NAPHTHALENE	31.34	128	261666	10.17	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.90	180	149544	12.04	ug/L	99

(#) = qualifier out of range (m) = manual integration
 1115C10B.D HP110101.M Fri Nov 16 02:20:53 2001

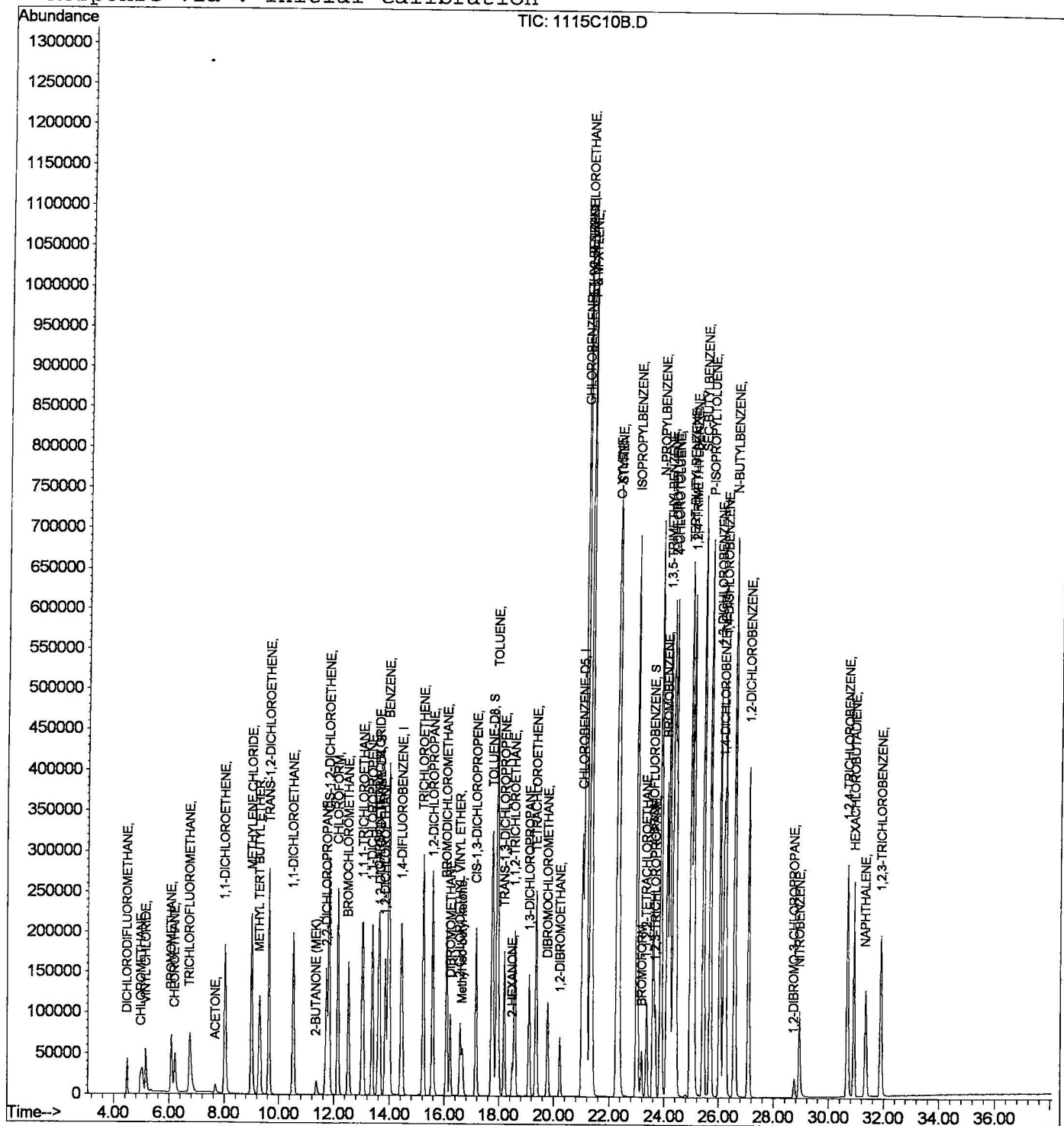
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\1115C10B.D
Acq On : 16 Nov 2001 1:42 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 2:20 2001

Vial: 6
Operator: 206-BH
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



1115C10B.D HP110101.M Fri Nov 16 02:20:59 2001

Page 3

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:56:51

Sample: AD27775

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/16/01 00:03 Ended: 11/16/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\27775.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.5		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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

REVIEWED BY WV
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:56:51

Sample: AD27775

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/16/01 00:03 Ended: 11/16/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\27775.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\01nov15\27775.D
 Acq On : 16 Nov 2001 3:08 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 3:47 2001

Vial: 21
 Operator: 206-BH
 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	14.44	114	446412	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	397409	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.19	152	153811	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	170500	6.47	ug/L	0.00
Spiked Amount 5.000			Recovery	=	129.40%	
3) 4-BROMOFLUOROBENZENE	23.60	174	104912	4.52	ug/L	0.00
Spiked Amount 5.000			Recovery	=	90.40%	
23) TOLUENE-D8	17.76	98	607751	5.07	ug/L	0.02
Spiked Amount 5.000			Recovery	=	101.40%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 27775.D HP110101.M Fri Nov 16 03:47:48 2001

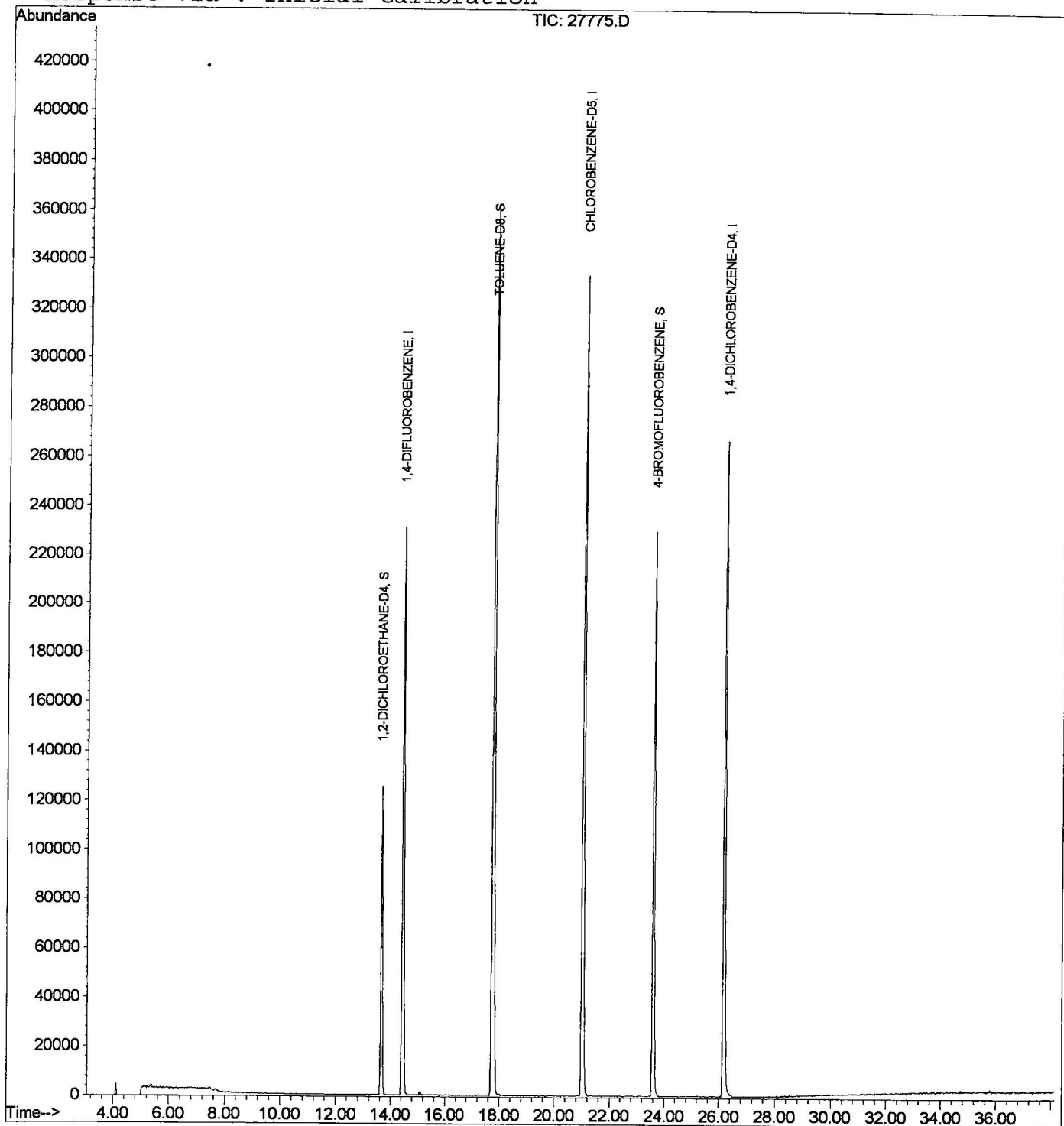
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27775.D
Acq On : 16 Nov 2001 3:08 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 3:47 2001

Vial: 21
Operator: 206-BH
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\01nov15\27775.D
 Acq On : 16 Nov 2001 3:08 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

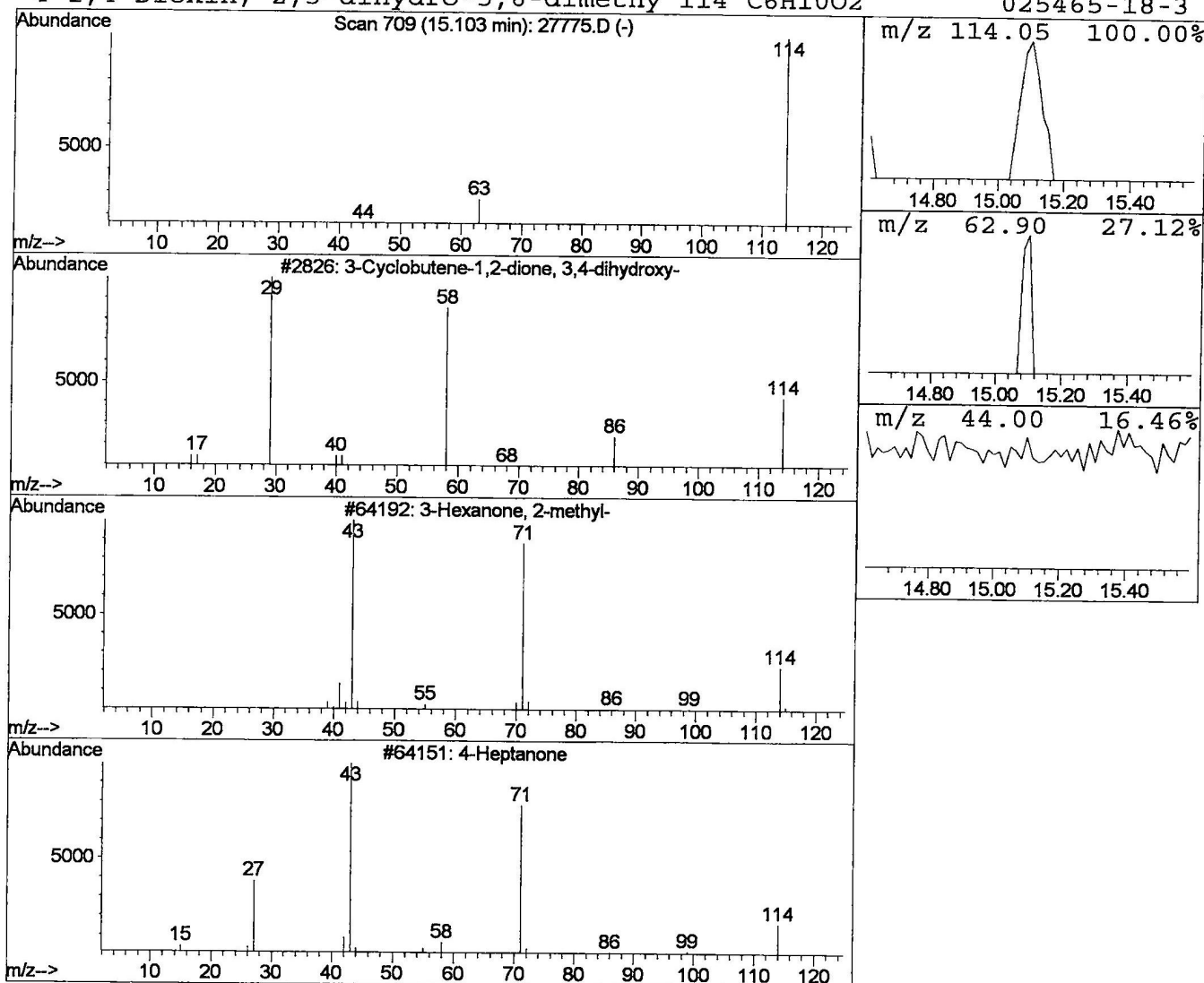
Vial: 21
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	5967	1,4-DIFLUOROBENZENE	14.44

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:58:08

Sample: AD27765

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 11/16/01 00:03 Ended: 11/16/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\27765f.rr

Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.3		.5
2	Surr_4-BROMOFLUOROBENZE		4.3		.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	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.0		.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	Bromodichloromethane		< MDL		.5
29	Methy 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	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	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 103

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:58:08

Sample: AD27765

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 11/16/01 00:03 Ended: 11/16/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\27765f.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	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27765F.D
 Acq On : 16 Nov 2001 3:52 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 4:31 2001

Vial: 22
 Operator: 206-BH
 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	14.44	114	438137	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	383699	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.19	152	148714	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.65	65	163834	6.34	ug/L	0.00
Spiked Amount 5.000			Recovery	=	126.80%	
3) 4-BROMOFLUOROBENZENE	23.60	174	98817	4.34	ug/L	0.00
Spiked Amount 5.000			Recovery	=	86.80%	
23) TOLUENE-D8	17.76	98	583333	5.04	ug/L	0.02
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						
10) ACETONE	7.68	43	245526	103.43	ug/L	Qvalue 94

 (#) = qualifier out of range (m) = manual integration
 27765F.D HP110101.M Fri Nov 16 04:31:11 2001

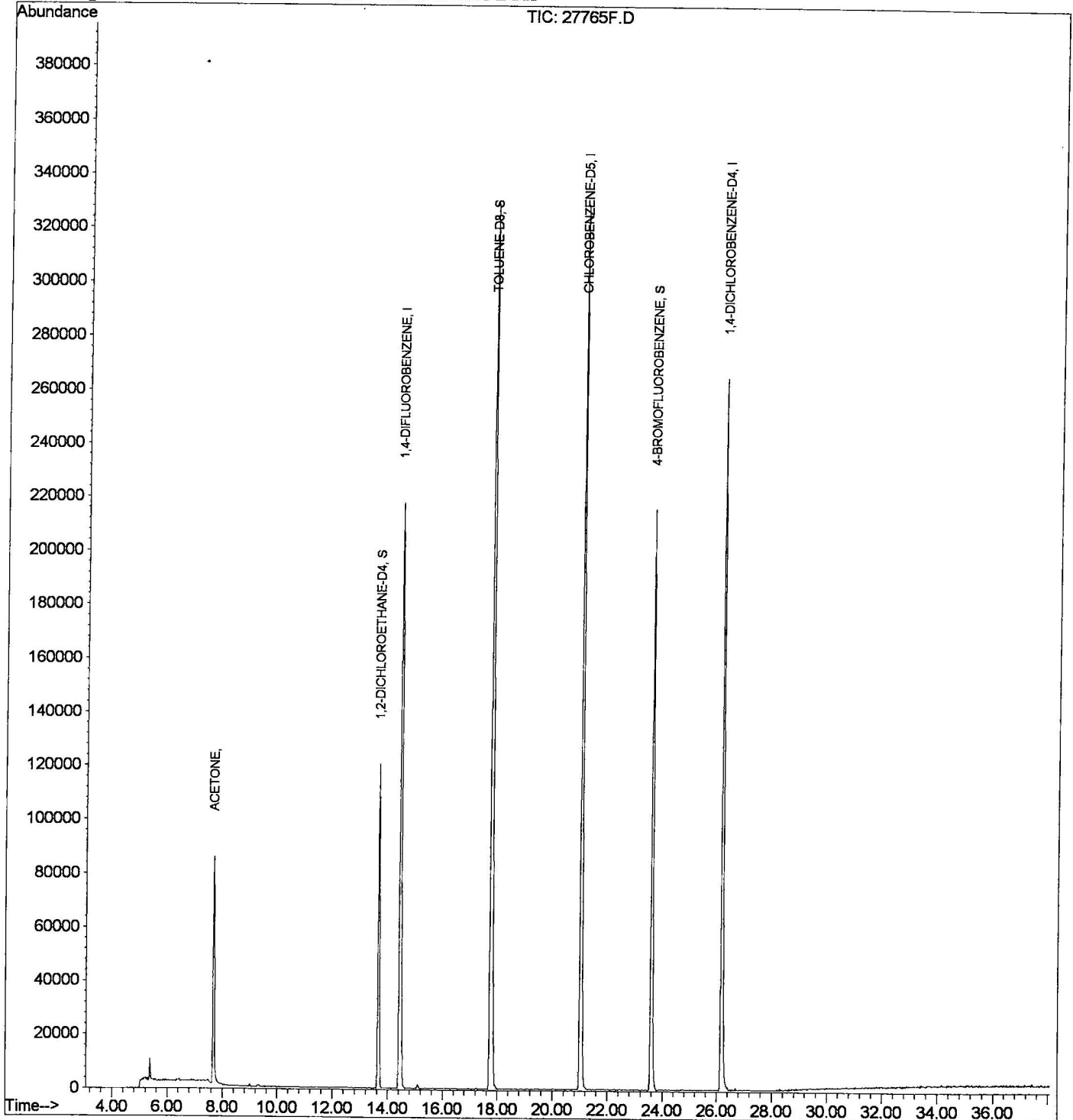
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27765F.D
 Acq On : 16 Nov 2001 3:52 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 4:31 2001

Vial: 22
 Operator: 206-BH
 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

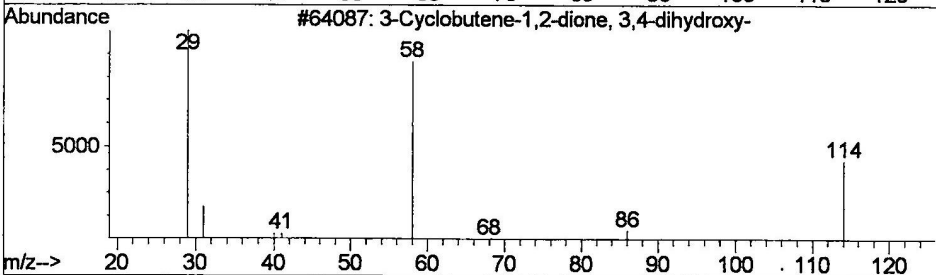
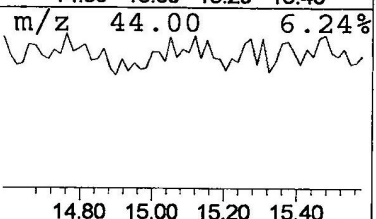
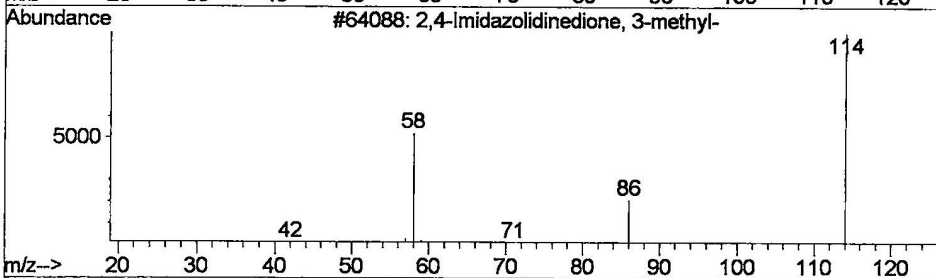
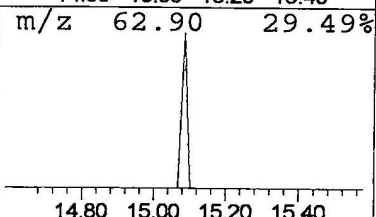
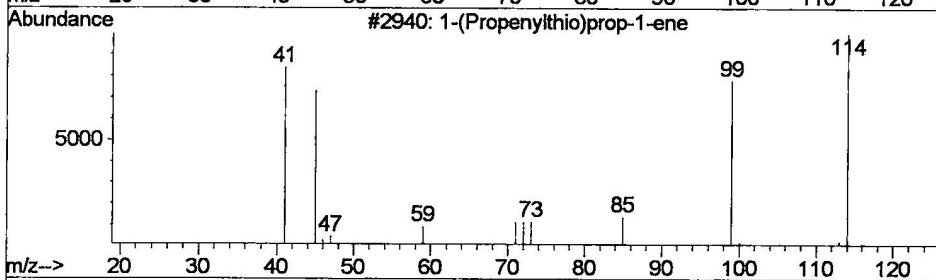
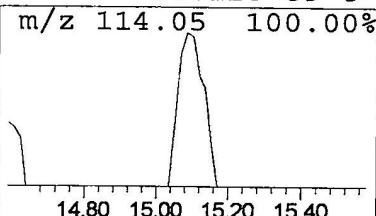
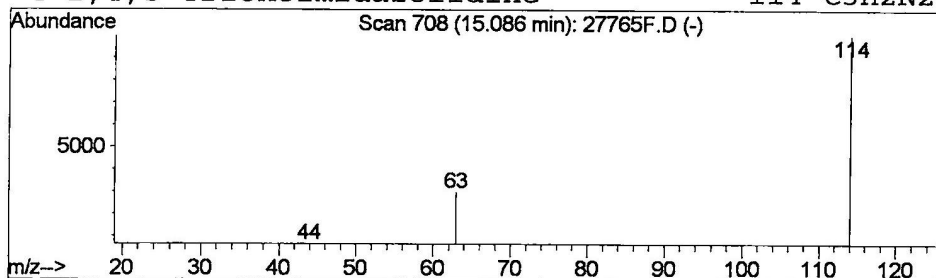
Data File : C:\HPCHEM\1\DATA\01nov15\27765F.D
Acq On : 16 Nov 2001 3:52 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: 206-BH
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.	
15.09	0.03 ug/L	5904	1,4-DIFLUOROBENZENE	14.44	
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: 11/16/2001 Time: 14:59:12

Sample: AD27767
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 11/16/01 00:04 Ended: 11/16/01 00:04 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27767f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.5		.5
2	Surr_4-BROMOFLUOROBENZE		4.4		.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	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	Bromodichloromethane		< MDL		.5
29	Methy 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	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	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 40

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:59:12

Sample: AD27767

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 11/16/01 00:04 Ended: 11/16/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\27767f.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	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27767F.D
 Acq On : 16 Nov 2001 4:35 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 5:14 2001

Vial: 24
 Operator: 206-BH
 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	14.44	114	412796	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	370545	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.19	152	140500	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	159261	6.54	ug/L	0.00
Spiked Amount 5.000			Recovery	=	130.80%	
3) 4-BROMOFLUOROBENZENE	23.60	174	94137	4.39	ug/L	0.00
Spiked Amount 5.000			Recovery	=	87.80%	
23) TOLUENE-D8	17.76	98	572424	5.12	ug/L	0.02
Spiked Amount 5.000			Recovery	=	102.40%	
Target Compounds						
10) ACETONE	7.68	43	89880	40.19	ug/L	Qvalue 92

 (#) = qualifier out of range (m) = manual integration
 27767F.D HP110101.M Fri Nov 16 05:14:36 2001

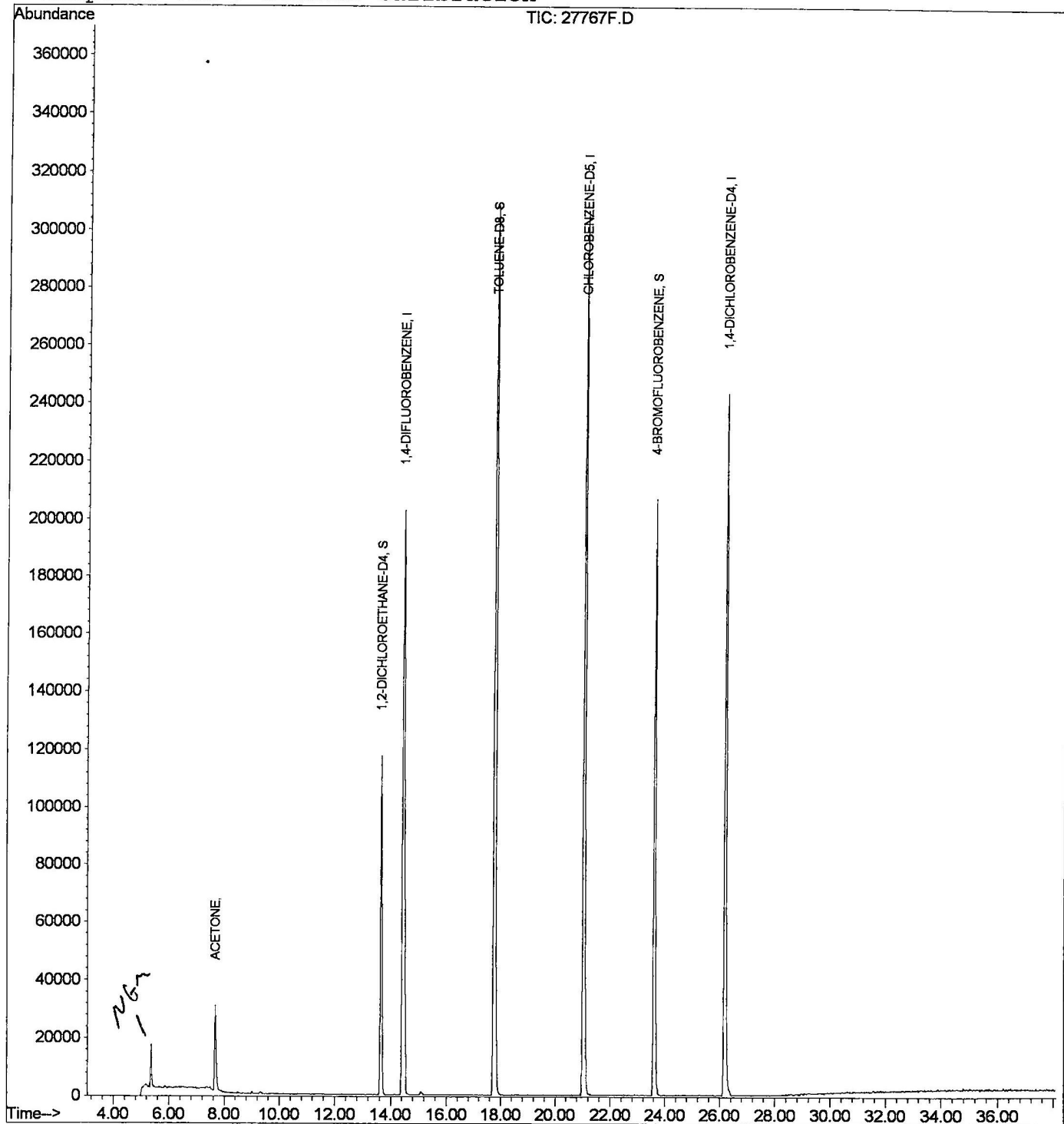
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27767F.D
 Acq On : 16 Nov 2001 4:35 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 5:14 2001

Vial: 24
 Operator: 206-BH
 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\01nov15\27767F.D
 Acq On : 16 Nov 2001 4:35 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P

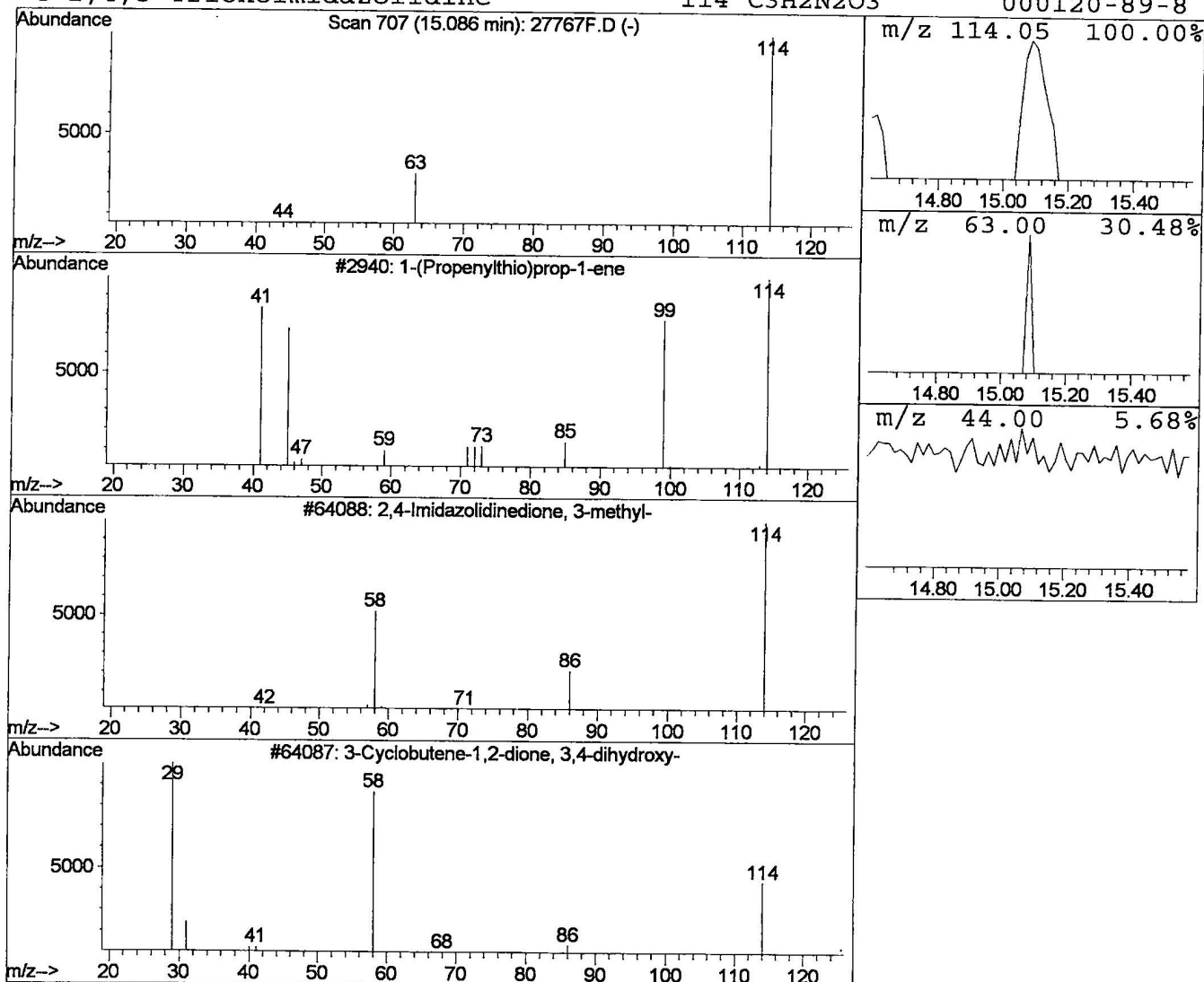
Vial: 24
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
15.09	0.02 ug/L	5082	1,4-DIFLUOROBENZENE	14.44

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: 11/16/2001 Time: 15:00:23

Sample: AD27772

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 11/16/01 00:05 Ended: 11/16/01 00:05 Analyst: BH

Result source: m:\instruments\206\rrfiles\27772f.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.6		.5
2	Surr_4-BROMOFLUOROBENZE		4.4		.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	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.0		.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	Bromodichloromethane		< MDL		.5
29	Methy 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	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	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 24

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 15:00:23

Sample: AD27772
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 11/16/01 00:05 Ended: 11/16/01 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\27772f.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	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27772F.D
 Acq On : 16 Nov 2001 5:19 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 5:57 2001

Vial: 30
 Operator: 206-BH
 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	14.44	114	416749	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	373686	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.18	152	141516	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	162002	6.59	ug/L	0.00
Spiked Amount 5.000			Recovery	=	131.80%	
3) 4-BROMOFLUOROBENZENE	23.61	174	94302	4.35	ug/L	0.00
Spiked Amount 5.000			Recovery	=	87.00%	
23) TOLUENE-D8	17.74	98	559008	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery	=	99.00%	
Target Compounds						
10) ACETONE	7.68	43	53634	23.75	ug/L	Qvalue 94

 (#) = qualifier out of range (m) = manual integration
 27772F.D HP110101.M Fri Nov 16 05:57:56 2001

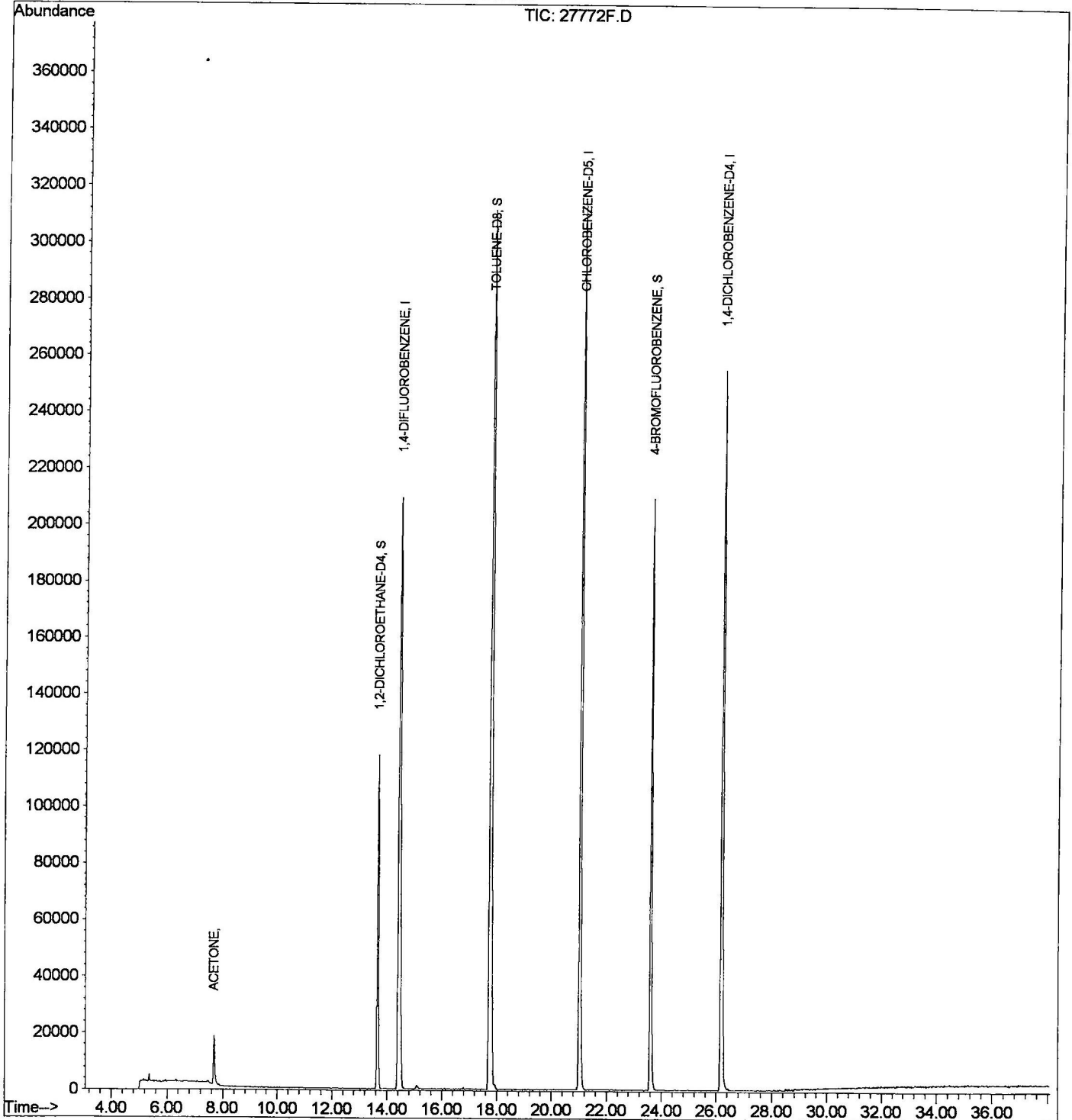
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27772F.D
 Acq On : 16 Nov 2001 5:19 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 5:57 2001

Vial: 30
 Operator: 206-BH
 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\01nov15\27772F.D
 Acq On : 16 Nov 2001 5:19 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P

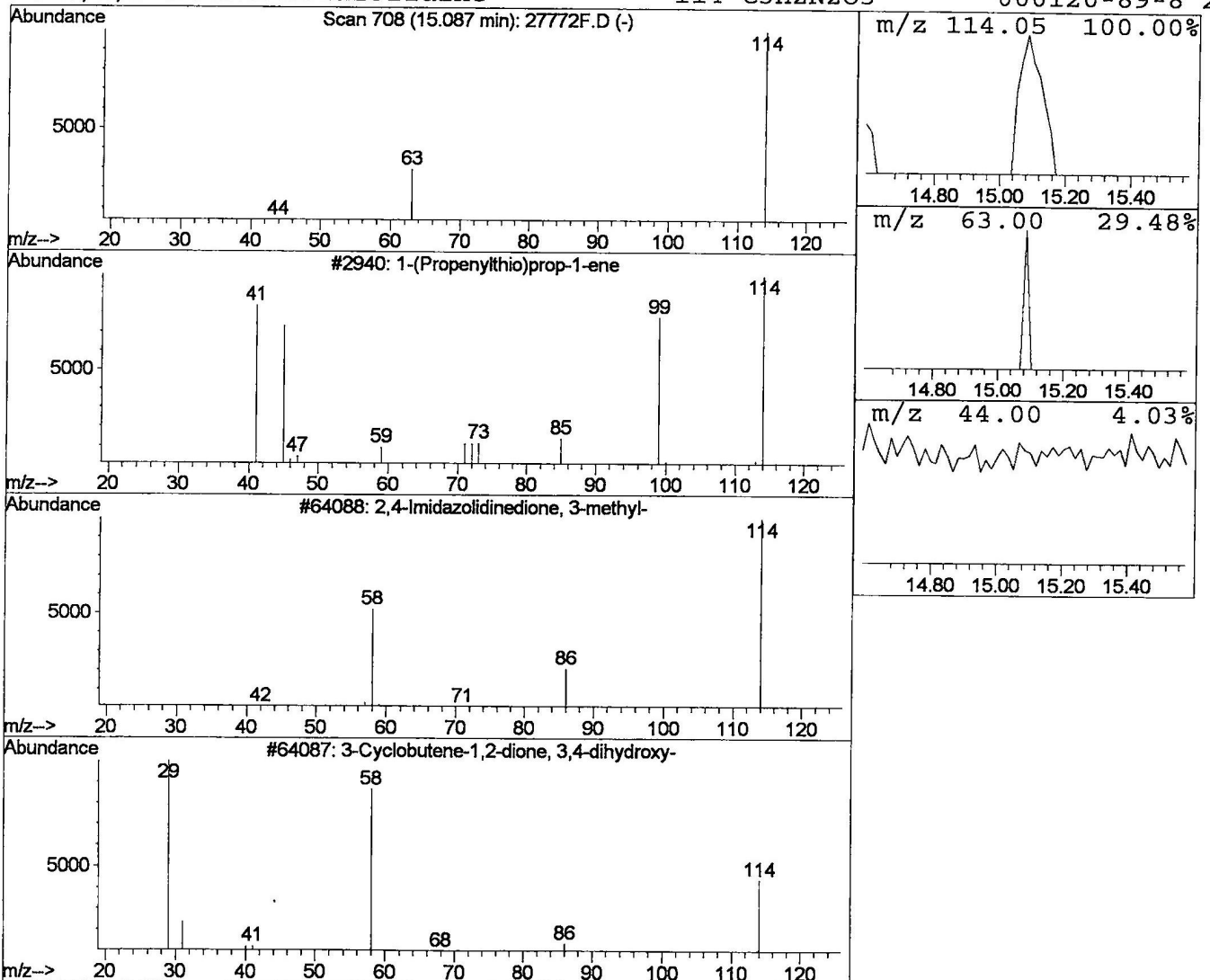
Vial: 30
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
15.09	0.02 ug/L	5005	1,4-DIFLUOROBENZENE	14.44

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: 11/16/2001 Time: 15:01:41

Sample: AD27773
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 11/16/01 00:06 Ended: 11/16/01 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27773f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.5		.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	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	Bromodichloromethane		< MDL		.5
29	Methy 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	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	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 52

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 15:01:41

Sample: AD27773
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 11/16/01 00:06 Ended: 11/16/01 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\27773f.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	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov15\27773F.D
 Acq On : 16 Nov 2001 6:02 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 6:41 2001

Vial: 31
 Operator: 206-BH
 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	14.44	114	402427	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.03	117	364355	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.19	152	140141	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.65	65	161818	6.81	ug/L	0.00
Spiked Amount 5.000			Recovery	=	136.20%	
3) 4-BROMOFLUOROBENZENE	23.60	174	93182	4.45	ug/L	0.00
Spiked Amount 5.000			Recovery	=	89.00%	
23) TOLUENE-D8	17.76	98	564760	5.13	ug/L	0.02
Spiked Amount 5.000			Recovery	=	102.60%	
Target Compounds						
10) ACETONE	7.68	43	112718	51.70	ug/L	Qvalue 92

 (#) = qualifier out of range (m) = manual integration
 27773F.D HP110101.M Fri Nov 16 06:41:13 2001

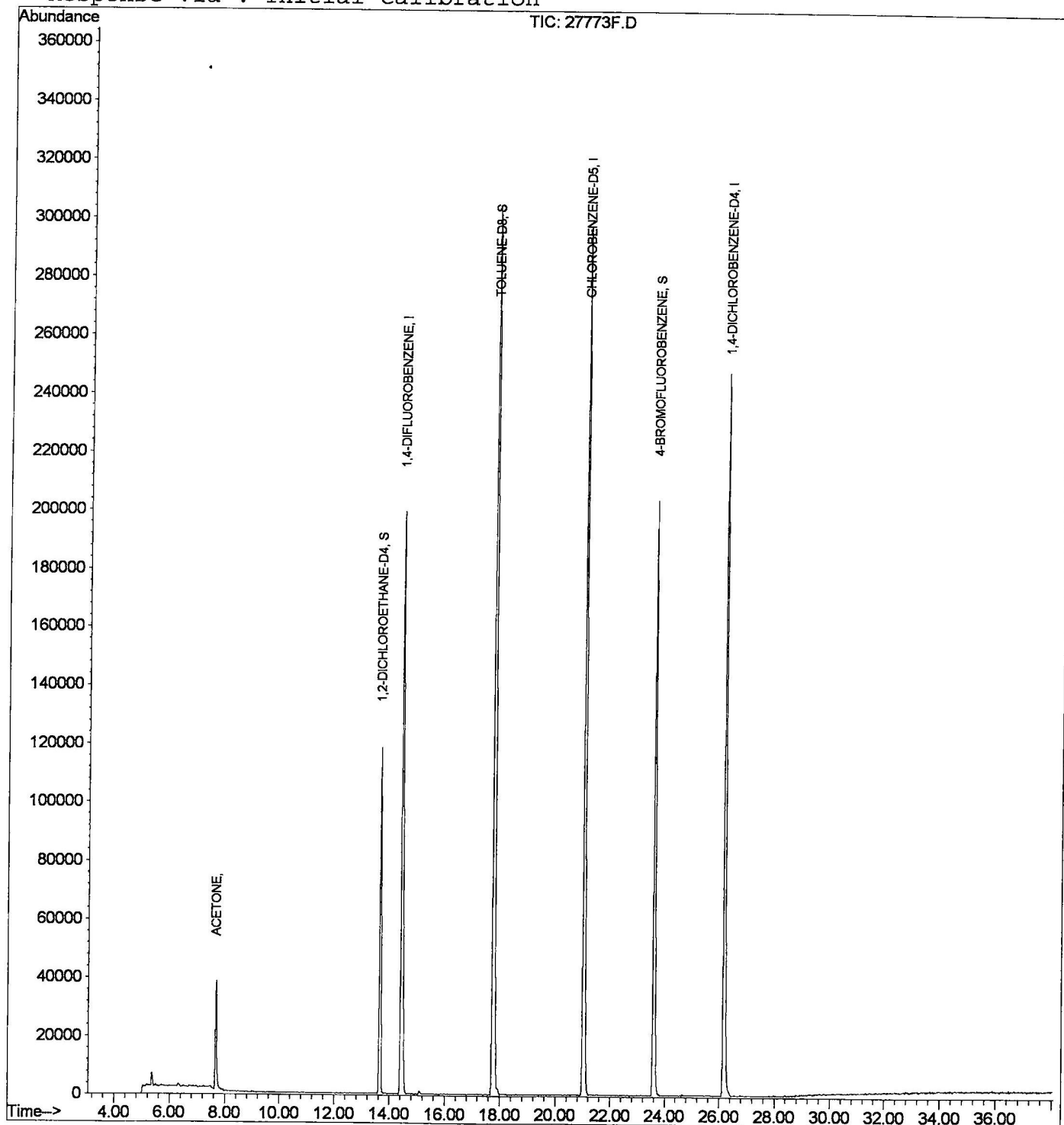
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov15\27773F.D
 Acq On : 16 Nov 2001 6:02 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 6:41 2001

Vial: 31
 Operator: 206-BH
 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\01nov15\27773F.D
 Acq On : 16 Nov 2001 6:02 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P

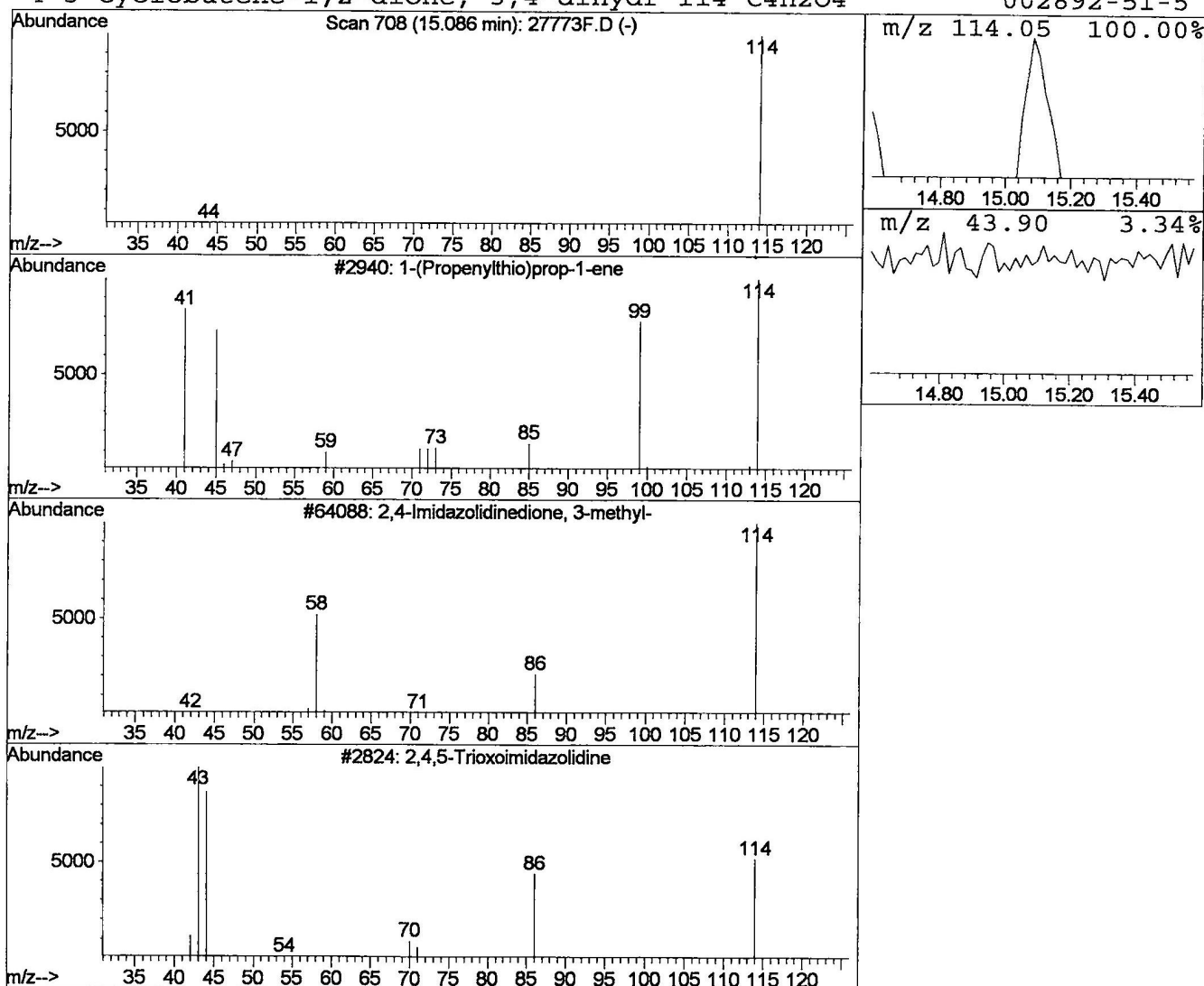
Vial: 31
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
15.09	0.02 ug/L	5080	1,4-DIFLUOROBENZENE	14.44

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			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 12:03:00

Sample: AD27764
 Analysis: SB2524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 11/16/01 12:01 Ended: 11/17/01 12:01 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		5.16
2	Surr - 4-BROMOFLUOROBENZE		4.05
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		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.06
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

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 12:03:00

Sample: AD27764
Analysis: SB2524 Volatile Organic Compounds-Blank
Units: ug
Started: 11/16/01 12:01 Ended: 11/17/01 12:01 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\01nov16\1116BL1.D
 Acq On : 16 Nov 2001 9:03 am
 Sample : lb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 9:42 2001

Vial: 6
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

022764

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	724953	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	21.01	117	534749	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	211040	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	220628	5.16	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	103.20%	
3) 4-BROMOFLUOROBENZENE	23.59	174	152698	4.05	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	81.00%	
23) TOLUENE-D8	17.73	98	816479	5.06	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	101.20%	

Target Compounds

Qvalue

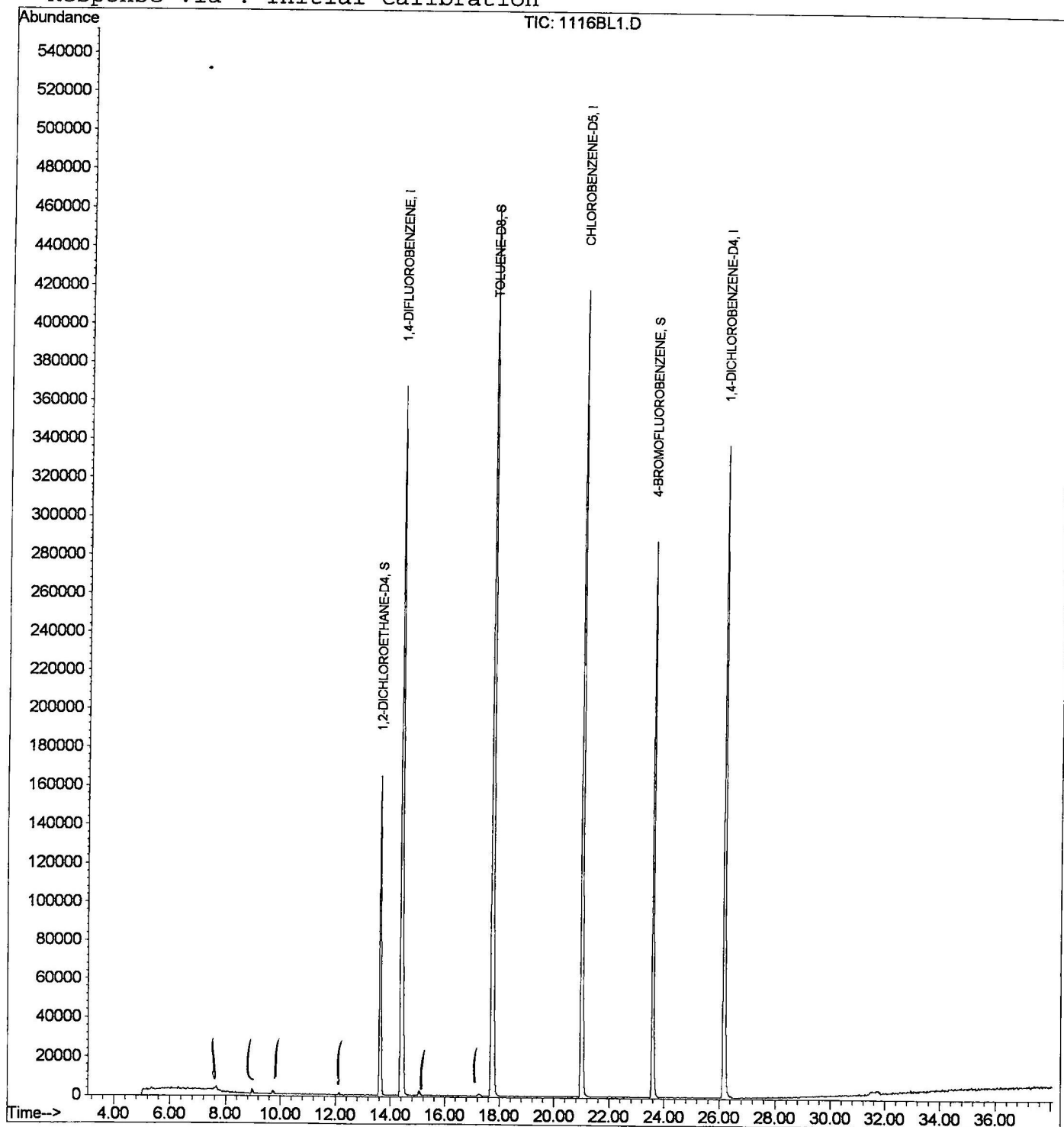
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\1116BL1.D
 Acq On : 16 Nov 2001 9:03 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 9:42 2001

Vial: 6
 Operator: 206-BH
 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: 11/16/2001 Time: 14:10:50

Sample: AD27764
 Analysis: \$C4524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/16/01 00:09 Ended: 11/16/01 00:09 Analyst: BH
 Result source: c:\hpcchem\1\data\01nov16\1116c10.d\1116c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		5.6		.5
3					
4	Chloromethane		13		.5
5					
6	Bromomethane		13		.5
7	Chloroethane		13		.5
8					
9					
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		7.8		1.0
12	trans-1,2-dichloroethene		13		.5
13	1,1-dichloroethane		12		.5
14	2-butanone (MEK)		10		2.0
15	2,2-dichloropropane		13		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		13		.5
18	Bromochloromethane		12		.5
19	1,2-dichloroethane		13		.5
20	Surr_TOLUENE-D8		4.9		.5
21					
22	1,1-dichloropropene		12		.5
23					
24	Benzene		11		.5
25	Trichloroethene		12		.5
26	1,2-dichloropropane		12		.5
27	Dibromomethane		12		.5
28	Bromodichloromethane		13		.5
29	Methyl iso-butyl ketone		12		1.0
30	cis-1,3-dichloropropene		12		.5
31	Toluene		12		.5
32	trans-1,3-dichloropropene		12		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		13		.5
35	1,3-dichloropropane		12		.5
36	Dibromochloromethane		12		2.0
37	Chlorobenzene		12		.5
38	1,1,1,2-tetrachloroethane		12		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		23		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,1,2-tetrachloroethane		13		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		9.6		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		9.9		.5

7 fail

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 14:10:50

Sample: AD27764
Analysis: \$C4524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/16/01 00:09 Ended: 11/16/01 00:09 Analyst: BH
Result source: c:\hpcchem\1\data\01nov16\1116c10.d\1116c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.8		.5
50	2-chlorotoluene		9.8		.5
51	4-chlorotoluene		9.8		.5
52	TERT-butylbenzene		10		.5
53	1,2,4-trimethylbenzene		9.6		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		12		.5
60	1,2,4-trichlorobenzene		12		.5
61					
62	Naphthalene		8.5		.5
63	1,2,3-trichlorobenzene		11		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV16\1116C10.D

Acq On : 16 Nov 2001 9:52 am

Sample : cal 10

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 16 10:31 2001

Vial: 6

Operator: 206-BH

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	577985	5.00	ug/L	-0.02
22) CHLOROBENZENE-D5	21.01	117	482015	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	273662	5.00	ug/L	-0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	199928	5.86	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	117.20%	
3) 4-BROMOFLUOROBENZENE	23.59	174	167543	5.58	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	111.60%	
23) TOLUENE-D8	17.74	98	716463	4.92	ug/L	0.00
Spiked Amount	5.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.48	85	292939	18.97	ug/L	98
5) CHLOROMETHANE	4.98	50	196911	13.23	ug/L	98
6) VINYL CHLORIDE	5.15	62	181836	16.15	ug/L	98
7) BROMOMETHANE	6.06	94	177270	12.58	ug/L	98
8) CHLOROETHANE	6.20	64	130819	12.92	ug/L	96
9) TRICHLOROFLUOROMETHANE	6.74	101	398218	16.08	ug/L	99
10) ACETONE	7.66	43	37510	11.98	ug/L	96
11) 1,1-DICHLOROETHENE	8.02	61	411232	13.81	ug/L	95
12) METHYLENE CHLORIDE	8.99	49	402219	12.38	ug/L	94
13) METHYL TERT BUTYL ETHER	9.28	73	429316	7.79	ug/L	96
14) TRANS-1,2-DICHLOROETHENE	9.63	61	425714	12.75	ug/L	96
15) 1,1-DICHLOROETHANE	10.52	63	542146	12.40	ug/L	99
16) 2-BUTANONE (MEK)	11.34	43	64153	10.11	ug/L	96
17) 2,2-DICHLOROPROPANE	11.71	77	438822	13.36	ug/L	97
18) CIS-1,2-DICHLOROETHENE	11.80	96	263993	11.22	ug/L	87
19) CHLOROFORM	12.14	83	490282	12.56	ug/L	99
20) BROMOCHLOROMETHANE	12.51	49	243208	12.45	ug/L	96
21) 1,2-DICHLOROETHANE	13.84	62	320816	13.46	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.02	97	404460	14.10	ug/L	99
25) 1,1-DICHLOROPROPENE	13.37	75	387218	12.35	ug/L	100
26) CARBON TETRACHLORIDE	13.60	117	319831	14.50	ug/L	99
27) BENZENE	13.94	78	1117232	11.39	ug/L	100
28) TRICHLOROETHENE	15.22	95	272111	11.82	ug/L	99
29) 1,2-DICHLOROPROPANE	15.56	63	309076	11.92	ug/L	100
30) DIBROMOMETHANE	16.21	174	75919	12.13	ug/L	85
31) BROMODICHLOROMETHANE	16.06	83	337658	13.01	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.57	63	89027	12.11	ug/L	98
33) Methyl iso-butyl ketone	16.64	58	47041	11.90	ug/L	79

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

1116C10.D HP110101.M

Fri Nov 16 14:09:10 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV16\1116C10.D

Acq On : 16 Nov 2001 9:52 am

Sample : cal 10

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 16 10:31 2001

Vial: 6

Operator: 206-BH .

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	17.16	75	406753	11.99	ug/L	99
35) TOLUENE	17.91	91	1166538	11.54	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	310535	12.37	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.56	97	144519	11.42	ug/L	98
38) TETRACHLOROETHENE	19.35	166	211946	12.54	ug/L	96
39) 1,3-DICHLOROPROPANE	19.09	76	302927	11.70	ug/L	99
40) DIBROMOCHLOROMETHANE	19.77	129	149949	12.31	ug/L	99
41) 1,2-DIBROMOETHANE	20.21	107	130677	11.96	ug/L	97
42) CHLOROBENZENE	21.10	112	700399	11.50	ug/L	96
43) 1,1,1,2-TETRACHLOROETHANE	21.13	131	209610	12.29	ug/L	99
44) 2-HEXANONE	18.48	43	93378	13.06	ug/L	91
45) ETHYLBENZENE	21.15	91	1430484	11.92	ug/L	98
46) P & M-XYLENE	21.32	106	979300	23.31	ug/L	97
47) O-XYLENE	22.28	91	1156914	12.43	ug/L	98
48) STYRENE	22.34	104	802179	12.06	ug/L	97
49) 1,1,2,2-TETRACHLOROETHANE	23.35	83	174104	13.35	ug/L	98
51) BROMOFORM	23.16	173	62694	11.38	ug/L	98
52) ISOPROPYLBENZENE	22.99	105	1345585	9.62	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.67	110	44351	10.08	ug/L	94
54) N-PROPYLBENZENE	23.86	91	1907561	10.05	ug/L	99
55) BROMOBENZENE	24.10	156	243571	9.91	ug/L	96
56) 1,3,5-TRIMETHYLBENZENE	24.18	105	1170584	9.80	ug/L	97
57) 2-CHLOROTOLUENE	24.34	91	1112595	9.81	ug/L	98
58) 4-CHLOROTOLUENE	24.41	91	1091271	9.81	ug/L	97
59) TERT-BUTYLBENZENE	24.97	134	251940	10.48	ug/L	95
60) 1,2,4-TRIMETHYLBENZENE	25.07	105	1205115	9.64	ug/L	100
61) SEC-BUTYLBENZENE	25.43	105	1699279	10.28	ug/L	99
62) P-ISOPROPYLTOLUENE	25.68	119	1322010	10.27	ug/L	98
63) 1,3-DICHLOROBENZENE	26.02	146	586642	10.82	ug/L	99
64) 1,4-DICHLOROBENZENE	26.25	146	585576	10.95	ug/L	99
65) N-BUTYLBENZENE	26.57	91	1454761	10.11	ug/L	100
66) 1,2-DICHLOROBENZENE	27.08	146	512251	11.51	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.73	157	24339	12.73	ug/L	94
68) NITROBENZENE	28.92	77	210466	249.15	ug/L	96
69) 1,2,4-TRICHLOROBENZENE	30.67	180	271920	11.53	ug/L	97
70) HEXACHLOROBUTADIENE	30.91	225	161386	14.54	ug/L	96
71) NAPHTHALENE	31.34	128	302880	8.47	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.88	180	195453	11.32	ug/L	99

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

1116C10.D HP110101.M

Fri Nov 16 14:09:13 2001

Page 2

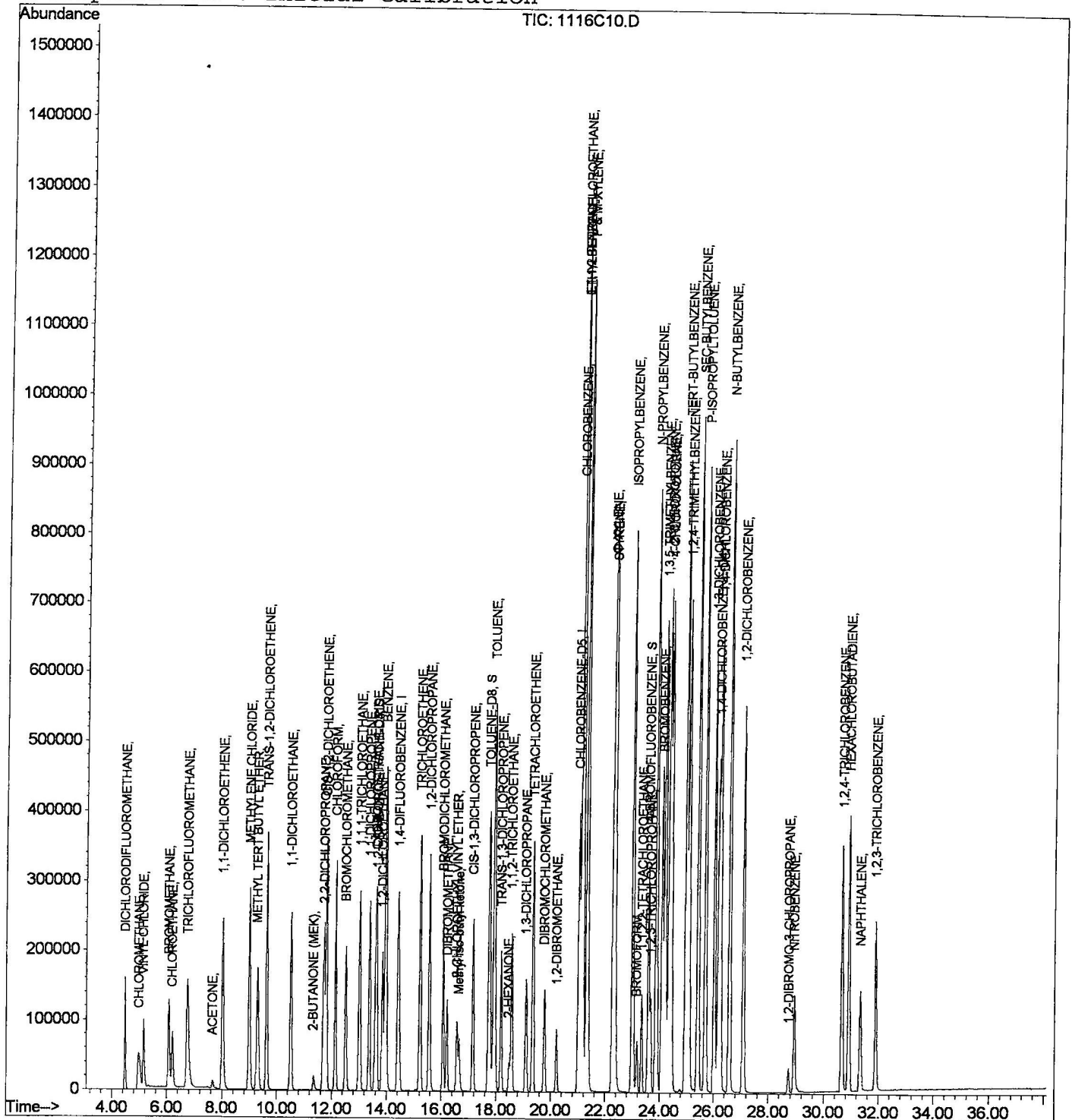
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV16\1116C10.D
Acq On : 16 Nov 2001 9:52 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 10:31 2001

Vial: 6
Operator: 206-BH
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: 11/19/2001 Time: 14:03:25

Sample: AD27985

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 11/16/01 00:01 Ended: 11/16/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\1116r40.rr

Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.2		
2	4-BROMOFLUOROBENZENE		6.1		
3	DICHLORODIFLUOROMETHAN		48		.5
4	CHLOROMETHANE		37		.5
5	VINYL CHLORIDE		35		.5
6	BROMOMETHANE		36		.5
7	CHLOROETHANE		37		.5
8	TRICHLOROFLUOROMETHAN		50		.5
9	ACETONE		42		.5
10	1,1-DICHLOROETHENE		51		.5
11	METHYLENE CHLORIDE		43		.5
12	METHYL TERT BUTYL ETHER		30		1
13	TRANS-1,2-DICHLOROETHEN		48		.5
14	1,1-DICHLOROETHANE		46		.5
15	2-BUTANONE (MEK)		39		.5
16	2,2-DICHLOROPROPANE		52		.5
17	CIS-1,2-DICHLOROETHENE		46		.5
18	CHLOROFORM		48		.5
19	BROMOCHLOROMETHANE		46		.5
20	1,2-DICHLOROETHANE		49		.5
21	TOLUENE-D8		4.4		
22	1,1,1-TRICHLOROETHANE		47		.5
23	1,1-DICHLOROPROPENE		45		.5
24	CARBON TETRACHLORIDE		52		.5
25	BENZENE		41		.5
26	TRICHLOROETHENE		44		.5
27	1,2-DICHLOROPROPANE		41		.5
28	DIBROMOMETHANE		49		.5
29	BROMODICHLOROMETHANE		45		.5
30	2-CHLOROETHYL VINYL ETHE		48		.5
31	METHYL ISO-BUTYL KETONE		44		1
32	CIS-1,3-DICHLOROPROPENE		44		.5
33	TOLUENE		45		.5
34	TRANS-1,3-DICHLOROPROPE		45		.5
35	1,1,2-TRICHLOROETHANE		43		.5
36	TETRACHLOROETHENE		56		.5
37	1,3-DICHLOROPROPANE		43		.5
38	DIBROMOCHLOROMETHANE		51		2
39	1,2-DIBROMOETHANE		47		.5
40	CHLOROBENZENE		48		.5
41	1,1,1,2-TETRACHLOROETHA		53		.5
42	2-HEXANONE		47		.5
43	ETHYLBENZENE		47		.5
44	P & M-XYLENE		98		.5
45	O-XYLENE		48		.5
46	STYRENE		50		.5
47	1,1,2,2-TETRACHLOROETHA		48		.5
48	BROMOFORM		59		2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 14:03:25

Sample: AD27985
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 11/16/01 00:01 Ended: 11/16/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1116r40.rr
 Page: 2

	Component Name	Vol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		44		.5
50	1,2,3-TRICHLOROPROPANE		41		.5
51	N-PROPYLBENZENE		43		.5
52	BROMOBENZENE		48		.5
53	1,3,5-TRIMETHYLBENZENE		44		.5
54	2-CHLOROTOLUENE		43		.5
55	4-CHLOROTOLUENE		42		.5
56	TERT-BUTYLBENZENE		49		.5
57	1,2,4-TRIMETHYLBENZENE		43		.5
58	SEC-BUTYLBENZENE		45		.5
59	P-ISOPROPYLTOLUENE		46		.5
60	1,3-DICHLOROBENZENE		48		.5
61	1,4-DICHLOROBENZENE		48		.5
62	N-BUTYLBENZENE		43		.5
63	1,2-DICHLOROBENZENE		48		.5
64	1,2-DIBROMO-3-CHLOROPRO		51		.5
65	1,2,4-TRICHLOROBENZENE		54		.5
66	HEXACHLOROBUTADIENE		64		.5
67	NAPHTHALENE		41		.5
68	1,2,3-TRICHLOROBENZENE		51		.5
69	ETHANOL		< MDL		30

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 14:08:24

Sample: AD27985
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 11/19/01 14:03 Ended: 11/19/01 14:03 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		.5
2	Surr - 4-BROMOFLUOROBENZ		6.1		.5
3	Dichlorodifluoromethane		120		.5
4	Chloromethane		92.5		.5
5	Vinyl chloride		87.5		.5
6	Bromomethane		90		.5
7	Chloroethane		92.5		.5
8	Trichlorofluoromethane		125		.5
9	1,1-Dichloroethene		127.5		.5
10	Methylene Chloride		107.5		.5
11	Methyl tert butyl ether		75		1.0
12	trans-1,2-dichloroethene		120		.5
13	1,1-dichloroethane		115		.5
14	2-butanone (MEK)		97.5		2.0
15	2,2-dichloropropane		130		.5
16	cis-1,2-dichloroethene		115		.5
17	Chloroform		120		.5
18	Bromochloromethane		115		.5
19	1,2-dichloroethane		122.5		.5
20	Surr - TOLUENE-D8		4.4		.5
21	1,1,1-trichloroethane		117.5		.5
22	1,1-dichloropropene		112.5		.5
23	Carbon tetrachloride		130		.5
24	Benzene		102.5		.5
25	Trichloroethene		110		.5
26	1,2-dichloropropane		102.5		.5
27	Dibromomethane		122.5		.5
28	Bromodichloromethane		112.5		.5
29	Methyl iso-butyl ketone		110		1.0
30	cis-1,3-dichloropropene		110		.5
31	Toluene		112.5		.5
32	trans-1,3-dichloropropene		112.5		.5
33	1,1,2-trichloroethane		107.5		.5
34	Tetrachloroethene	USPEC	140		.5
35	1,3-dichloropropane		107.5		.5
36	Dibromochloromethane		127.5		2.0
37	Chlorobenzene		120		.5
38	1,1,1,2-tetrachloroethane	USPEC	132.5		.5
39	Ethylbenzene		117.5		.5
40	P & M-xylene		122.5		.5
41	O-xylene		120		.5
42	Styrene		125		.5
43	1,1,2,2-tetrachloroethane		120		.5
44	Bromoform		147.5		2.0
45	Isopropylbenzene		110		.5
46	1,2,3-trichloropropane		102.5		.5
47	N-propylbenzene		107.5		.5
48	Bromobenzene		120		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 14:08:24

Sample: AD27985
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 11/19/01 14:03 Ended: 11/19/01 14:03 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		110		.5
50	2-chlorotoluene		107.5		.5
51	4-chlorotoluene		105		.5
52	TERT-butylbenzene		122.5		.5
53	1,2,4-trimethylbenzene		107.5		.5
54	SEC-butylbenzene		112.5		.5
55	P-isopropyltoluene		115		.5
56	1,3-dichlorobenzene		120		.5
57	1,4-dichlorobenzene		120		.5
58	N-butylbenzene		107.5		.5
59	1,2-dichlorobenzene		120		.5
60	1,2,4-trichlorobenzene	USPEC	136		.5
61	Hexachlorobutadiene	USPEC	160		.5
62	Naphthalene		102.5		.5
63	1,2,3-trichlorobenzene		127.5		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\1116R40.D
 Acq On : 16 Nov 2001 11:07 am
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 11:46 2001

Vial: 7
 Operator: 206-BH
 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	14.44	114	772528	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.02	117	739342	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	368497	5.00	ug/L	-0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	235579	5.17	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	103.40%	
3) 4-BROMOFLUOROBENZENE	23.59	174	246846	6.15	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	123.00%	
23) TOLUENE-D8	17.74	98	993317	4.45	ug/L	0.00
Spiked Amount	5.000		Recovery	=	89.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	989182	47.93	ug/L	100
5) CHLOROMETHANE	4.97	50	729170	36.66	ug/L	98
6) VINYL CHLORIDE	5.11	62	522863	34.75	ug/L	98
7) BROMOMETHANE	6.06	94	685645	36.40	ug/L	99
8) CHLOROETHANE	6.20	64	504248	37.26	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.74	101	1646994	49.75	ug/L	99
10) ACETONE	7.66	43	173796	41.52	ug/L	94
11) 1,1-DICHLOROETHENE	8.00	61	2038212	51.22	ug/L	94
12) METHYLENE CHLORIDE	8.99	49	1885897	43.42	ug/L	99
13) METHYL TERT BUTYL ETHER	9.28	73	2192414	29.75	ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.64	61	2151192	48.20	ug/L	99
15) 1,1-DICHLOROETHANE	10.50	63	2661108	45.55	ug/L	99
16) 2-BUTANONE (MEK)	11.32	43	330238	38.94	ug/L	95
17) 2,2-DICHLOROPROPANE	11.71	77	2265788	51.60	ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.80	96	1441540	45.83	ug/L	94
19) CHLOROFORM	12.14	83	2493396	47.79	ug/L	98
20) BROMOCHLOROMETHANE	12.50	49	1199612	45.95	ug/L	99
21) 1,2-DICHLOROETHANE	13.84	62	1548878	48.62	ug/L	99
24) 1,1,1-TRICHLOROETHANE	13.03	97	2074615	47.16	ug/L	99
25) 1,1-DICHLOROPROPENE	13.37	75	2145086	44.62	ug/L	99
26) CARBON TETRACHLORIDE	13.60	117	1772420	52.40	ug/L	100
27) BENZENE	13.96	78	6216952	41.32	ug/L	100
28) TRICHLOROETHENE	15.22	95	1565259	44.32	ug/L	93
29) 1,2-DICHLOROPROPANE	15.56	63	1624576	40.85	ug/L	100
30) DIBROMOMETHANE	16.21	174	472821	49.25	ug/L	96
31) BROMODICHLOROMETHANE	16.06	83	1798447	45.19	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.57	63	535752	47.53	ug/L	97
33) Methyl iso-butyl ketone	16.64	58	266659	44.00	ug/L	87

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

1116R40.D HP110101.M Fri Nov 16 11:46:27 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\1116R40.D
 Acq On : 16 Nov 2001 11:07 am
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 11:46 2001

Vial: 7
 Operator: 206-BH
 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	17.17	75	2273258	43.69	ug/L	99
35) TOLUENE	17.92	91	6938850	44.77	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	1748358	45.42	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.56	97	838371	43.19	ug/L	99
38) TETRACHLOROETHENE	19.35	166	1447097	55.80	ug/L	100
39) 1,3-DICHLOROPROPANE	19.11	76	1692606	42.62	ug/L	99
40) DIBROMOCHLOROMETHANE	19.77	129	958258	51.30	ug/L	99
41) 1,2-DIBROMOETHANE	20.22	107	789267	47.10	ug/L	99
42) CHLOROBENZENE	21.10	112	4507380	48.26	ug/L	97
43) 1,1,1,2-TETRACHLOROETHANE	21.15	131	1385456	52.95	ug/L	97
44) 2-HEXANONE	18.48	43	517613	47.20	ug/L	98
45) ETHYLBENZENE	21.15	91	8736024	47.46	ug/L	97
46) P & M-XYLENE	21.31	106	6326401	98.16	ug/L	97
47) O-XYLENE	22.28	91	6906585	48.38	ug/L	99
48) STYRENE	22.33	104	5094321	49.95	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.35	83	968301	48.40	ug/L	99
51) BROMOFORM	23.16	173	438249	59.05	ug/L	99
52) ISOPROPYLBENZENE	22.99	105	8349845	44.32	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.67	110	245451	41.42	ug/L	97
54) N-PROPYLBENZENE	23.86	91	11031372	43.14	ug/L	97
55) BROMOBENZENE	24.10	156	1583179	47.85	ug/L	83
56) 1,3,5-TRIMETHYLBENZENE	24.18	105	7038278	43.76	ug/L	99
57) 2-CHLOROTOLUENE	24.34	91	6513430	42.64	ug/L	97
58) 4-CHLOROTOLUENE	24.41	91	6336795	42.29	ug/L	98
59) TERT-BUTYLBENZENE	24.97	134	1592229	49.19	ug/L	93
60) 1,2,4-TRIMETHYLBENZENE	25.07	105	7235522	42.99	ug/L	97
61) SEC-BUTYLBENZENE	25.43	105	10009912	44.96	ug/L	99
62) P-ISOPROPYLTOLUENE	25.68	119	7955185	45.88	ug/L	99
63) 1,3-DICHLOROBENZENE	26.02	146	3519497	48.19	ug/L	99
64) 1,4-DICHLOROBENZENE	26.25	146	3476874	48.28	ug/L	99
65) N-BUTYLBENZENE	26.57	91	8344576	43.08	ug/L	98
66) 1,2-DICHLOROBENZENE	27.08	146	2903392	48.43	ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.73	157	130931	50.85	ug/L	100
68) NITROBENZENE	28.92	77	1263934	1111.17	ug/L	94
69) 1,2,4-TRICHLOROBENZENE	30.66	180	1706129	53.73	ug/L	99
70) HEXACHLOROBUTADIENE	30.91	225	953809	63.83	ug/L	97
71) NAPHTHALENE	31.34	128	1956590	40.66	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.89	180	1192614	51.30	ug/L	99

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

1116R40.D HP110101.M Fri Nov 16 11:46:29 2001

Page 2

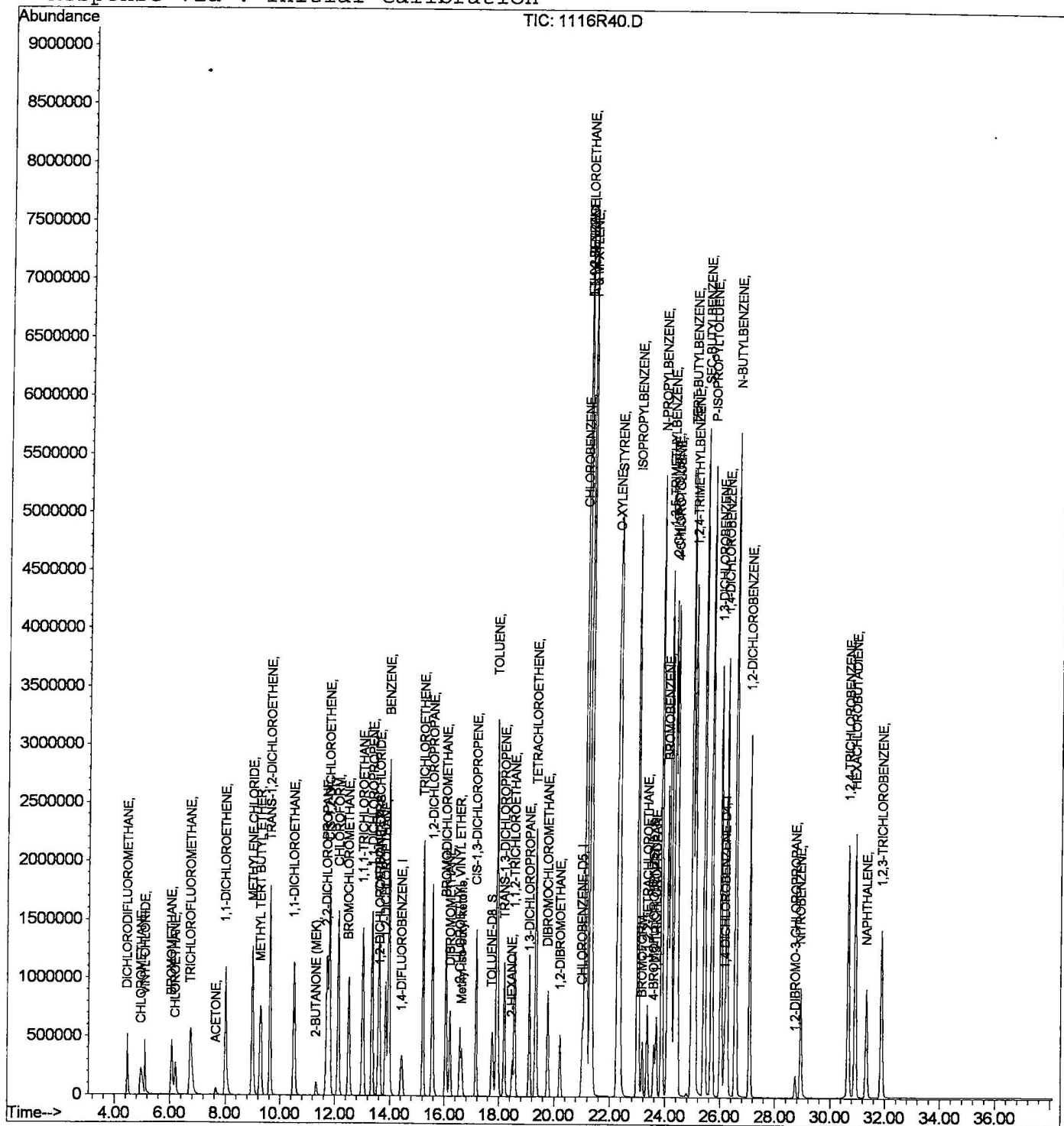
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\1116R40.D
Acq On : 16 Nov 2001 11:07 am
Sample : ref 40
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 11:46 2001

Vial: 7
Operator: 206-BH
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: 11/16/2001 Time: 13:58:03

Sample: AD27764
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:04 Ended: 11/16/01 00:04 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27764.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		.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		4.7		.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

REVIEWED BY *[Signature]*
 DATE 11/24/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/16/2001 Time: 13:58:03

Sample: AD27764
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/16/01 00:04 Ended: 11/16/01 00:04 Analyst: BH
Result source: m:\instruments\206\rrfiles\27764.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\01NOV16\27764.D
 Acq On : 16 Nov 2001 12:34 pm
 Sample : *dup*
 Misc : *64*
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 13:13 2001

Vial: 7
 Operator: 206-BH
 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	14.41	114	810352	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.02	117	712261	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	300465	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	253380	5.30	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	106.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	214218	5.09	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	101.80%	
23) TOLUENE-D8	17.73	98	1016057	4.72	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	94.40%	
Target Compounds						
10) ACETONE	7.68	43	9731	2.22	ug/L	Qvalue 91
69) 1,2,4-TRICHLOROBENZENE	30.69	180	3319	0.13	ug/L	95
70) HEXACHLOROBUTADIENE	30.91	225	3452	0.28	ug/L	94
72) 1,2,3-TRICHLOROBENZENE	31.90	180	4645	0.25	ug/L	88

*not
in dup
All LCL*

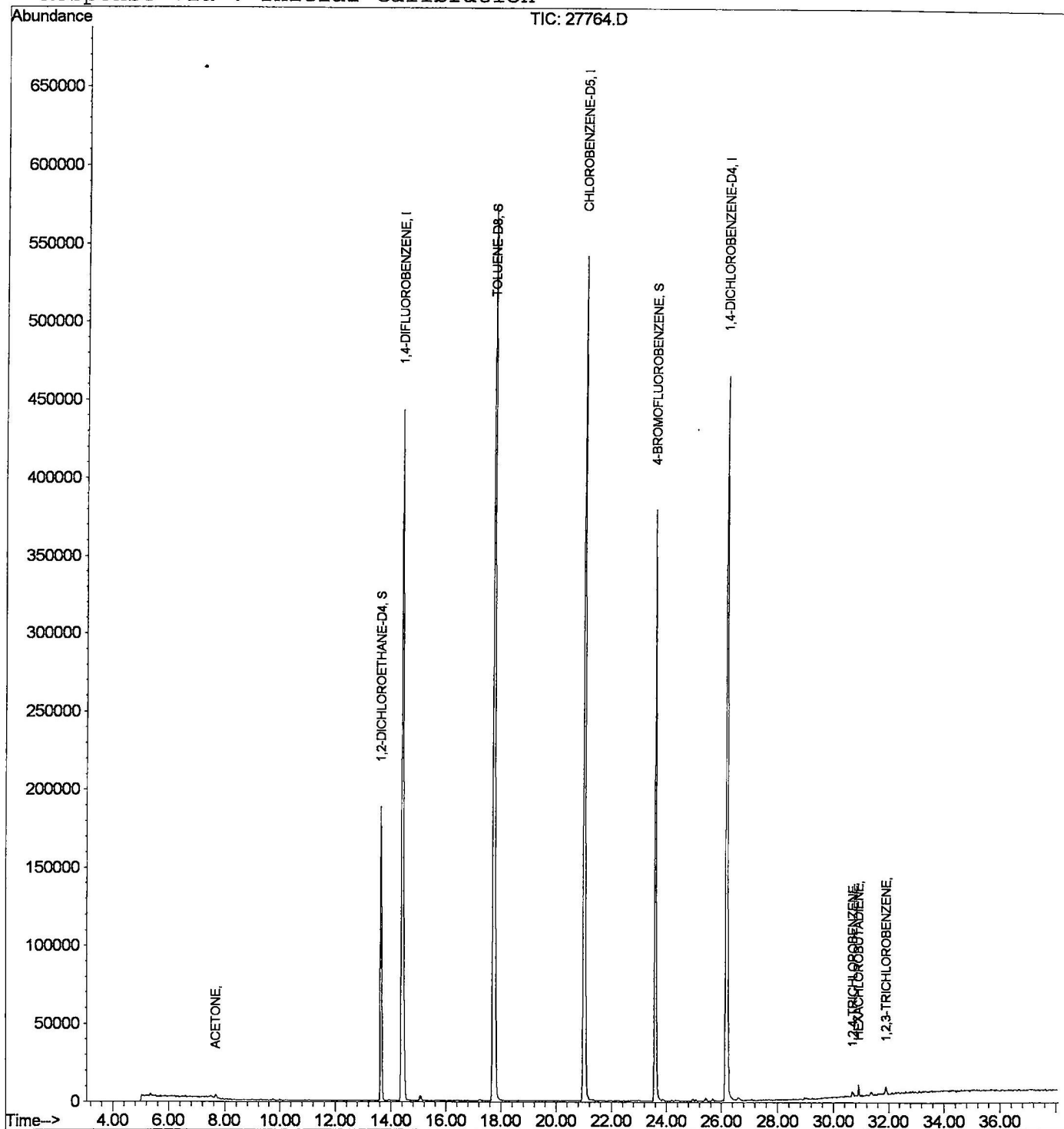
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV16\27764.D
Acq On : 16 Nov 2001 12:34 pm
Sample : dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 13:13 2001

Vial: 7
Operator: 206-BH
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\01NOV16\27764.D
 Acq On : 16 Nov 2001 12:34 pm
 Sample : dup
 Misc :
 MS Integration Params: LSCINT.P

Vial: 7
 Operator: 206-BH
 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	0.04 ug/L	14489	1,4-DIFLUOROBENZENE	14.41
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		2,4,5-Trioxoimidazolidine	114 C3H2N2O3	000120-89-8 2
4		3-Cyclobutene-1,2-dione, 3,4-dihydr	114 C4H2O4	002892-51-5 2
5		Cyclohexanone, 3-hydroxy-	114 C6H10O2	000823-19-8 2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/16/2001 Time: 14:01:21

Sample: AD27764
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 11/16/01 00:01 Ended: 11/16/01 00:01 Analyst: BH
 Result source: c:\hpcchem\1\data\01nov16\27764t.d\27764t.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		.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		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		4.9		.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: 11/16/2001 Time: 14:01:21

Sample: AD27764
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 11/16/01 00:01 Ended: 11/16/01 00:01 Analyst: BH
Result source: c:\hpchem\1\data\01nov16\27764t.d\27764t.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\01NOV16\27764D.D

Acq On : 16 Nov 2001 1:18 pm

Sample : dup.

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 16 13:57 2001

Vial: 8

Operator: 206-BH

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	682799	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	21.01	117	593383	5.00	ug/L	-0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	248815	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	226692	5.63	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	112.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	176199	4.96	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	99.20%	
23) TOLUENE-D8	17.73	98	879376	4.91	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	98.20%	
Target Compounds						
10) ACETONE	7.68	43	9969	2.69	ug/L	Qvalue 94

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

27764D.D HP110101.M Fri Nov 16 14:06:41 2001

Page 1

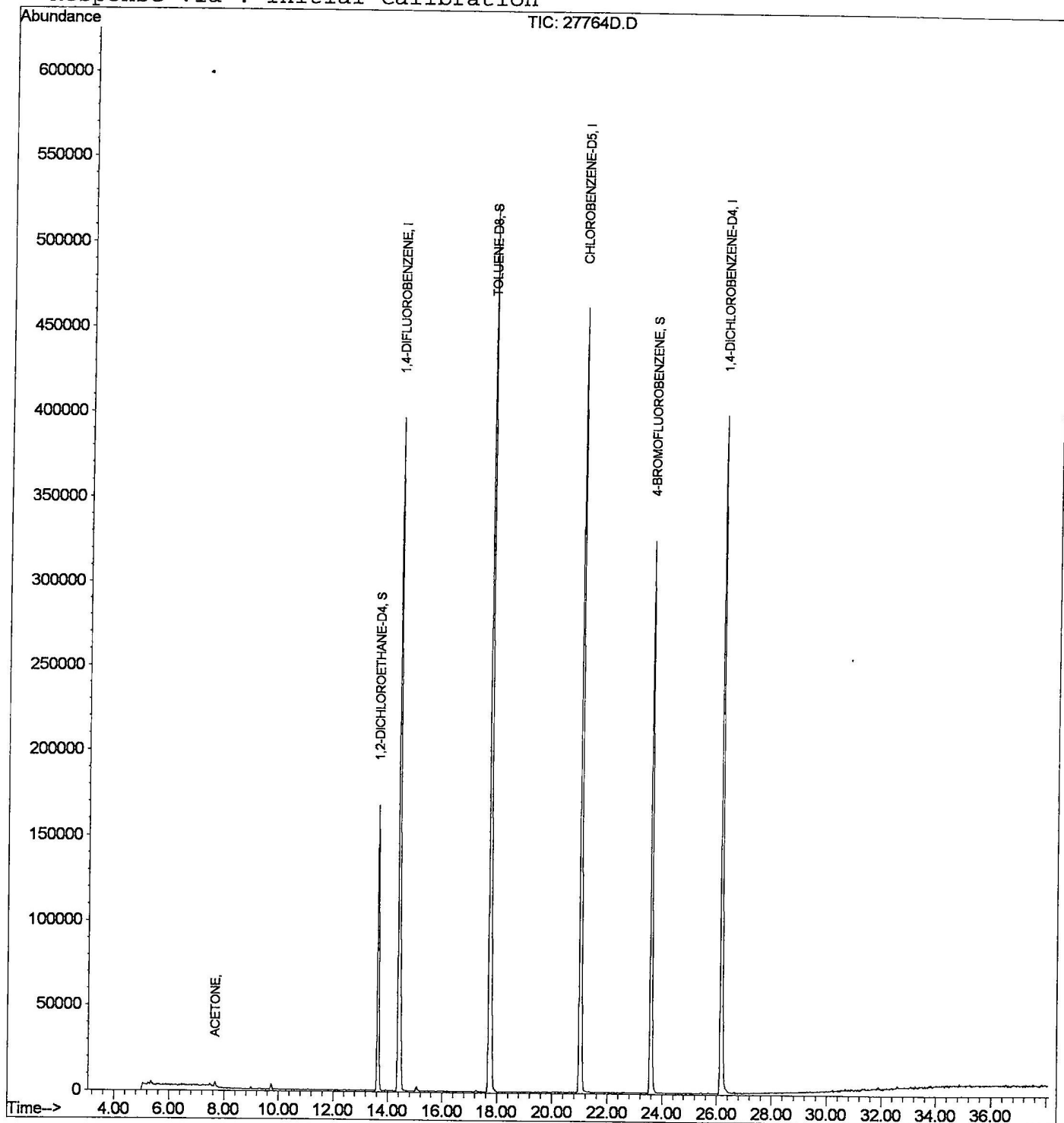
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV16\27764D.D
 Acq On : 16 Nov 2001 1:18 pm
 Sample : dup.
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 13:57 2001

Vial: 8
 Operator: 206-BH
 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\01NOV16\27764D.D
Acq On : 16 Nov 2001 1:18 pm
Sample : dup.
Misc :
MS Integration Params: LSCINT.P

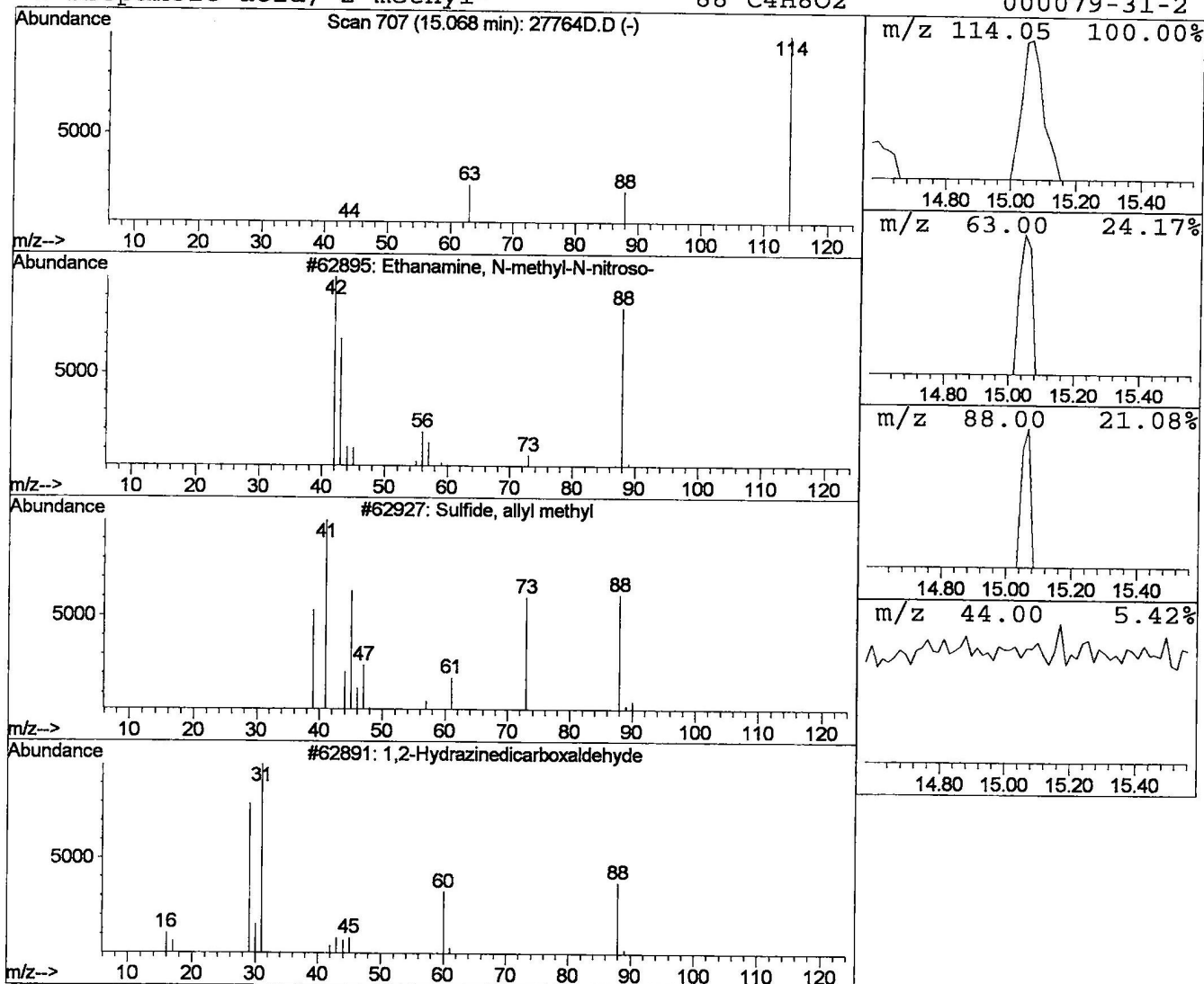
Vial: 8
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	10601	1,4-DIFLUOROBENZENE	14.40

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			Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 12:34:47

Sample: AD27764
 Analysis: SC5524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 11/16/01 00:05 Ended: 11/16/01 00:05 Analyst: BH
 Result source: a:\1116c10a.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		6.3	.5
2	Surr_4-BROMOFLUOROBENZEN		5.4	.5
3	Dichlorodifluoromethane		13	.5
4	Chloromethane		12	.5
5				
6	Bromomethane		9.7	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		13	.5
9	1,1-Dichloroethene		13	.5
10	Methylene Chloride		13	.5
11	Methyl tert-butyl ether		8.2	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		13	.5
18				
19				
20	Surr_TOLUENE-D8		4.9	.5
21	1,1,1-trichloroethane		13	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride		13	.5
24	Benzene		11	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		12	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		13	.5
29	Methyl iso-butyl ketone		13	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		13	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		11	.5
35	1,3-dichloropropane		12	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene		12	.5
40	P & M-xylene		23	.5
41	O-xylene		12	.5
42	Styrene		12	.5
43				
44	Bromoform		12	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		10	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 12:34:47

Sample: AD27764
Analysis: SC5524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 11/16/01 00:05 Ended: 11/16/01 00:05 Analyst: BH
Result source: a:\1116c10a.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		10	.5
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		11	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		12	.5
60	1,2,4-trichlorobenzene		12	.5
61				
62	Naphthalene		9.8	.5
63	1,2,3-trichlorobenzene		12	.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\1116C10A.D
 Acq On : 16 Nov 2001 5:43 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 18:22 2001

Vial: 6
 Operator: 206-BH
 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	513065	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	457870	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	238848	5.00	ug/L	-0.03

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	189376	6.25	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	125.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	143999	5.40	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	108.00%	
23) TOLUENE-D8	17.73	98	683925	4.95	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	99.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	173615	12.67	ug/L	100
5) CHLOROMETHANE	4.97	50	153273	11.60	ug/L	100
6) VINYL CHLORIDE	5.15	62	137022	13.71	ug/L	100
7) BROMOMETHANE	6.06	94	121967	9.75	ug/L	100
8) CHLOROETHANE	6.18	64	97465	10.84	ug/L	93
9) TRICHLOROFLUOROMETHANE	6.73	101	279511	12.71	ug/L	98
10) ACETONE	7.66	43	36983	13.30	ug/L	95
11) 1,1-DICHLOROETHENE	8.00	61	348118	13.17	ug/L	91
12) METHYLENE CHLORIDE	8.97	49	380188	13.18	ug/L	89
13) METHYL TERT BUTYL ETHER	9.28	73	399749	8.17	ug/L	96
14) TRANS-1,2-DICHLOROETHENE	9.62	61	380887	12.85	ug/L	89
15) 1,1-DICHLOROETHANE	10.50	63	499547	12.87	ug/L	99
16) 2-BUTANONE (MEK)	11.34	43	64310	11.42	ug/L	94
17) 2,2-DICHLOROPROPANE	11.70	77	364127	12.49	ug/L	95
18) CIS-1,2-DICHLOROETHENE	11.80	96	230437	11.03	ug/L	86
19) CHLOROFORM	12.12	83	438023	12.64	ug/L	98
20) BROMOCHLOROMETHANE	12.50	49	239362	13.81	ug/L	86
21) 1,2-DICHLOROETHANE	13.83	62	300503	14.20	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.01	97	348839	12.80	ug/L	99
25) 1,1-DICHLOROPROPENE	13.35	75	352002	11.82	ug/L	96
26) CARBON TETRACHLORIDE	13.59	117	273347	13.05	ug/L	99
27) BENZENE	13.93	78	1060708	11.38	ug/L	99
28) TRICHLOROETHENE	15.21	95	244331	11.17	ug/L	96
29) 1,2-DICHLOROPROPANE	15.55	63	295703	12.01	ug/L	99
30) DIBROMOMETHANE	16.19	174	64165	10.79	ug/L	69
31) BROMODICHLOROMETHANE	16.06	83	308335	12.51	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.55	63	89963	12.89	ug/L	96
33) Methyl iso-butyl ketone	16.62	58	48251	12.85	ug/L	67

(#) = qualifier out of range (m) = manual integration
 1116C10A.D HP110101.M Fri Nov 16 18:22:41 2001

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\1116C10A.D
 Acq On : 16 Nov 2001 5:43 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 18:22 2001

Vial: 6
 Operator: 206-BH
 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	17.15	75	389644	12.09	ug/L	98
35) TOLUENE	17.90	91	1109018	11.55	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	307000	12.88	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.56	97	137964	11.48	ug/L	97
38) TETRACHLOROETHENE	19.33	166	170602	10.62	ug/L	92
39) 1,3-DICHLOROPROPANE	19.09	76	298893	12.15	ug/L	99
40) DIBROMOCHLOROMETHANE	19.75	129	140954	12.19	ug/L	100
41) 1,2-DIBROMOETHANE	20.21	107	123048	11.86	ug/L	97
42) CHLOROBENZENE	21.08	112	652174	11.28	ug/L	95
43) 1,1,1,2-TETRACHLOROETHANE	21.13	131	192103	11.85	ug/L	99
44) 2-HEXANONE	18.48	43	98357	14.48	ug/L	94
45) ETHYLBENZENE	21.13	91	1345853	11.81	ug/L	98
46) P & M-XYLENE	21.30	106	923501	23.14	ug/L	95
47) O-XYLENE	22.26	91	1102365	12.47	ug/L	97
48) STYRENE	22.33	104	777820	12.31	ug/L	95
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	172137	13.89	ug/L	97
51) BROMOFORM	23.16	173	55868	11.61	ug/L	96
52) ISOPROPYLBENZENE	22.99	105	1218205	9.98	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.66	110	41858	10.90	ug/L	84
54) N-PROPYLBENZENE	23.86	91	1716367	10.36	ug/L	99
55) BROMOBENZENE	24.08	156	214011	9.98	ug/L	92
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	1076054	10.32	ug/L	96
57) 2-CHLOROTOLUENE	24.32	91	1016742	10.27	ug/L	95
58) 4-CHLOROTOLUENE	24.41	91	1070507	11.02	ug/L	97
59) TERT-BUTYLBENZENE	24.95	134	210944	10.05	ug/L	82
60) 1,2,4-TRIMETHYLBENZENE	25.05	105	1111661	10.19	ug/L	98
61) SEC-BUTYLBENZENE	25.41	105	1518914	10.53	ug/L	97
62) P-ISOPROPYLTOLUENE	25.67	119	1162704	10.35	ug/L	96
63) 1,3-DICHLOROBENZENE	26.02	146	506024	10.69	ug/L	99
64) 1,4-DICHLOROBENZENE	26.23	146	509731	10.92	ug/L	97
65) N-BUTYLBENZENE	26.55	91	1314012	10.47	ug/L	98
66) 1,2-DICHLOROBENZENE	27.06	146	457672	11.78	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.72	157	21522	12.89	ug/L	93
68) NITROBENZENE	28.92	77	192438	261.01	ug/L	95
69) 1,2,4-TRICHLOROBENZENE	30.66	180	250351	12.16	ug/L	98
70) HEXACHLOROBUTADIENE	30.90	225	134522	13.89	ug/L	98
71) NAPHTHALENE	31.32	128	304405	9.76	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.88	180	186475	12.37	ug/L	97

(#) = qualifier out of range (m) = manual integration
 1116C10A.D HP110101.M Fri Nov 16 18:22:44 2001

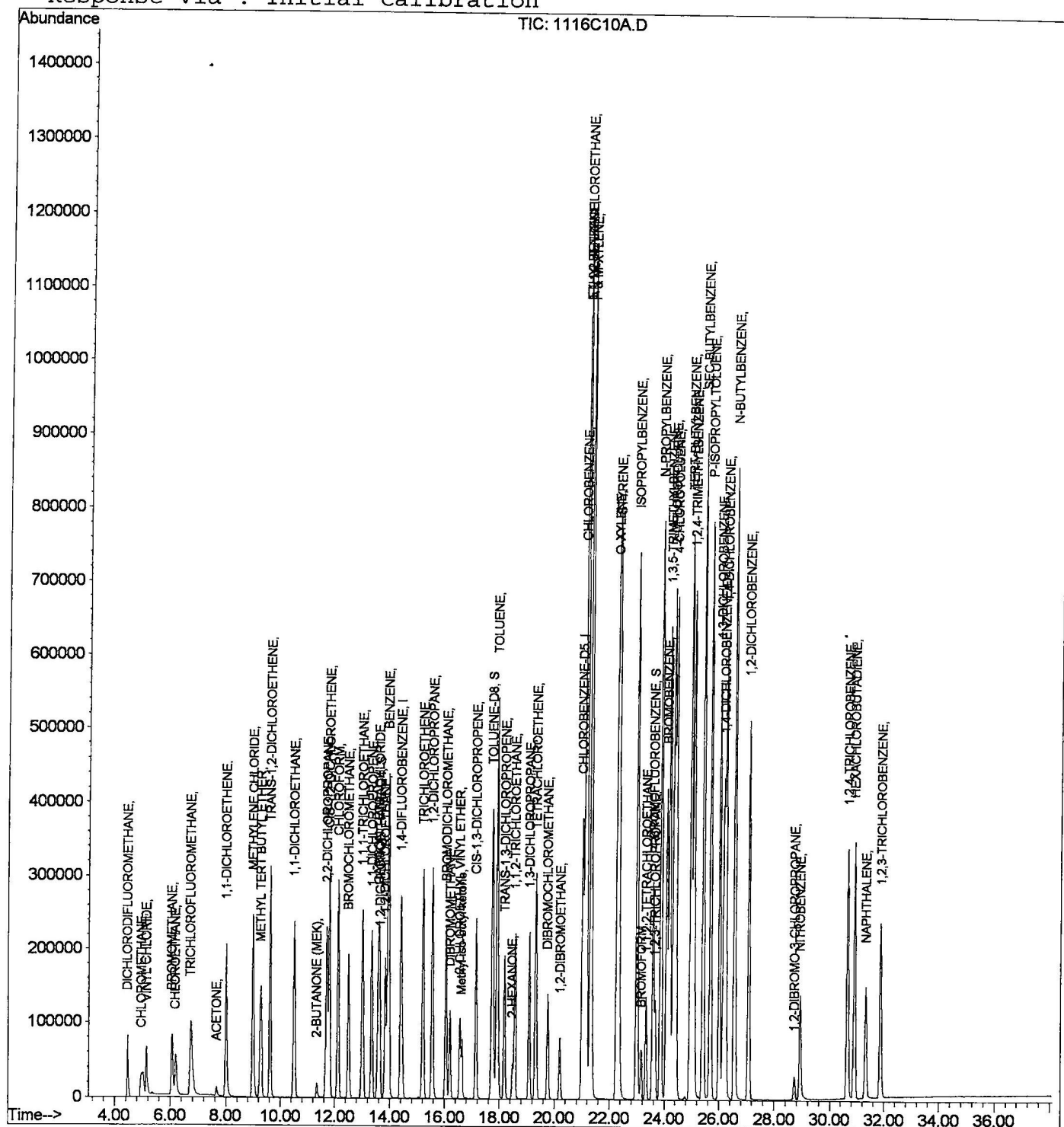
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\1116C10A.D
Acq On : 16 Nov 2001 5:43 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 18:22 2001

Vial: 6
Operator: 206-BH
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: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 13:52:34

Sample: AD27872
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:07 Ended: 11/16/01 00:07 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27872.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		5.0		.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

REVIEWED BY *AV*
 DATE *4/21/04*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 13:52:34

Sample: AD27872
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/16/01 00:07 Ended: 11/16/01 00:07 Analyst: BH
Result source: m:\instruments\206\rrfiles\27872.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\01nov16\27872.D
 Acq On : 16 Nov 2001 7:10 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 19:49 2001

Vial: 8
 Operator: 206-BH
 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	14.41	114	552378	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	486779	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	185852	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	206407	6.33	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	126.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	129702	4.52	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	90.40%	
23) TOLUENE-D8	17.73	98	737196	5.02	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	100.40%	
Target Compounds						
10) ACETONE	7.68	43	3998	1.34	ug/L	Qvalue 90

 (#) = qualifier out of range (m) = manual integration
 27872.D HP110101.M Fri Nov 16 19:49:33 2001

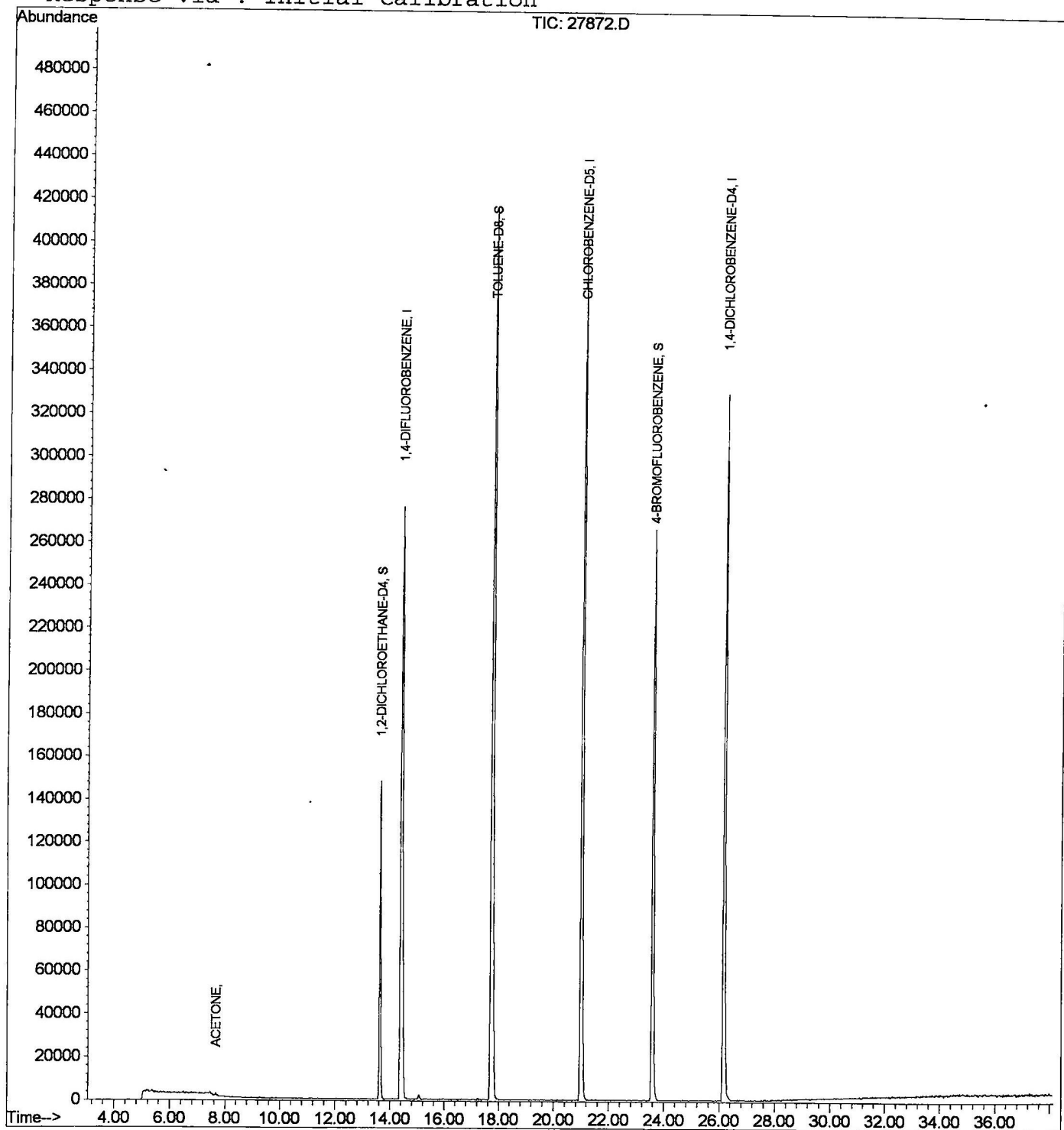
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\27872.D
 Acq On : 16 Nov 2001 7:10 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 19:49 2001

Vial: 8
 Operator: 206-BH
 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

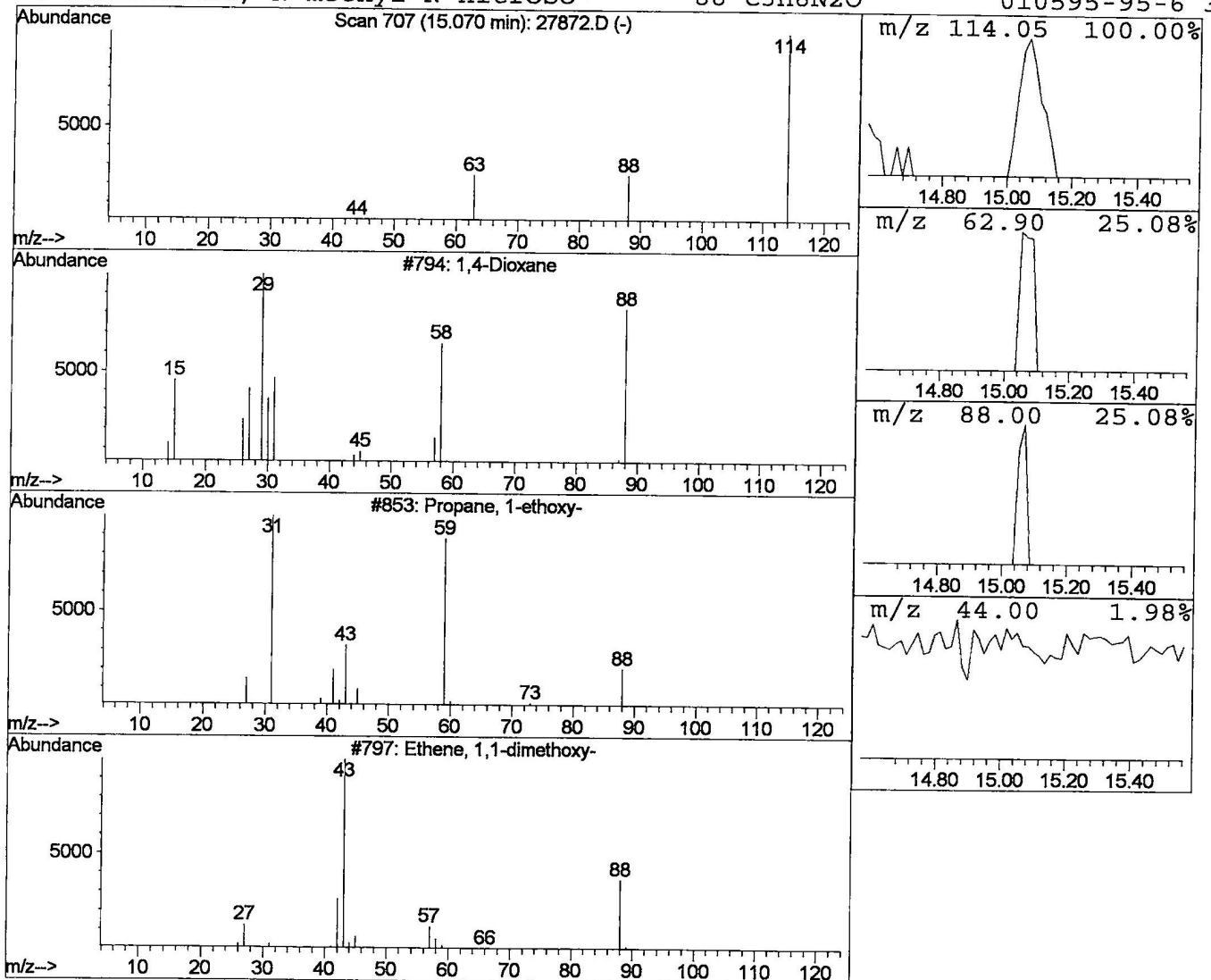
Data File : C:\HPCHEM\1\DATA\01nov16\27872.D
 Acq On : 16 Nov 2001 7:10 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

Vial: 8
 Operator: 206-BH
 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 1,4-Dioxane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	8890	1,4-DIFLUOROBENZENE	14.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dioxane	88 C4H8O2	000123-91-1	3
2	Propane, 1-ethoxy-	88 C5H12O	000628-32-0	3
3	Ethene, 1,1-dimethoxy-	88 C4H8O2	000922-69-0	3
4	Ethanamine, N-methyl-N-nitroso-	88 C3H8N2O	010595-95-6	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 13:53:26

Sample: AD27873
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:07 Ended: 11/16/01 00:07 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27873.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.4		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		5.0		.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

REVIEWED BY *[Signature]*
 DATE *11/21/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 13:53:26

Sample: AD27873
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/16/01 00:07 Ended: 11/16/01 00:07 Analyst: BH
Result source: m:\instruments\206\rrfiles\27873.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\01nov16\27873.D
 Acq On : 16 Nov 2001 7:54 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 20:32 2001

Vial: 9
 Operator: 206-BH
 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	14.41	114	497853	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	441513	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	172025	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	189237	6.44	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	128.80%	
3) 4-BROMOFLUOROBENZENE	23.57	174	117467	4.54	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	90.80%	
23) TOLUENE-D8	17.73	98	664587	4.99	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	99.80%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 27873.D HP110101.M Fri Nov 16 20:32:47 2001

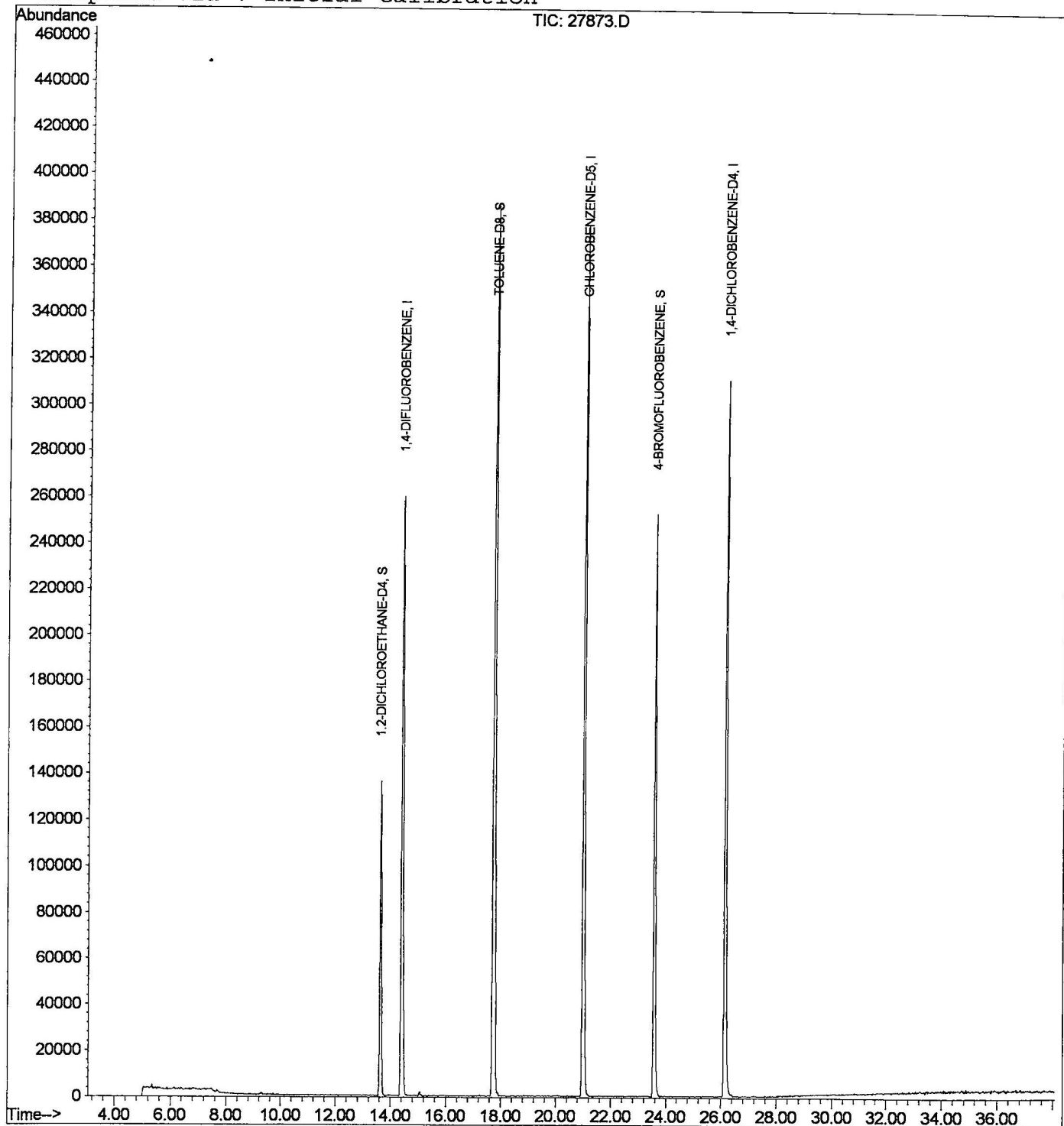
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\27873.D
Acq On : 16 Nov 2001 7:54 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 20:32 2001

Vial: 9
Operator: 206-BH
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\01nov16\27873.D
 Acq On : 16 Nov 2001 7:54 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

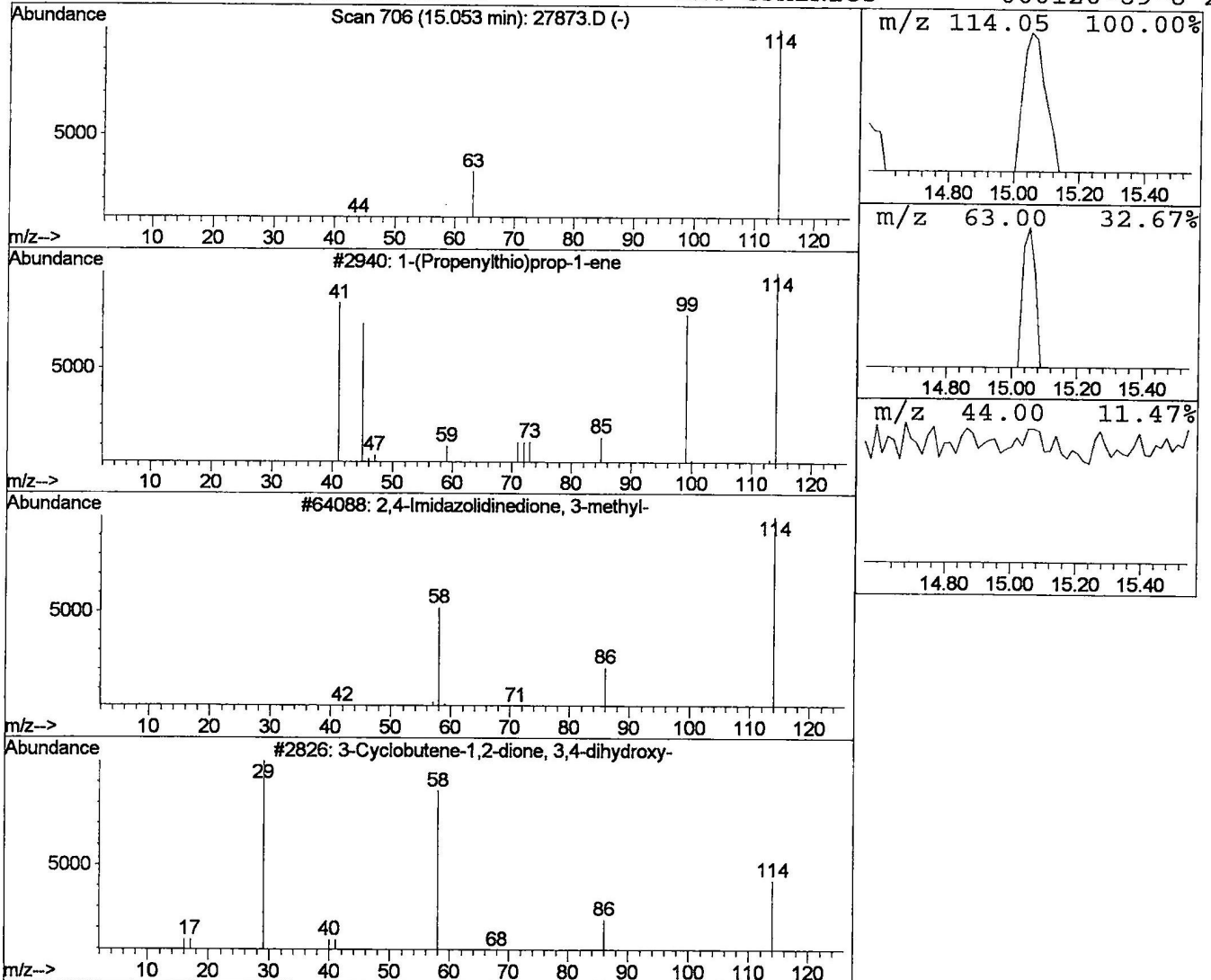
Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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	7629	1,4-DIFLUOROBENZENE	14.41

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: 11/19/2001 Time: 13:54:16

Sample: AD27874
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:08 Ended: 11/16/01 00:08 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27874.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.6		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.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		5.0		.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

REVIEWED BY SN
 DATE 11/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 13:54:16

Sample: AD27874
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/16/01 00:08 Ended: 11/16/01 00:08 Analyst: BH
Result source: m:\instruments\206\rrfiles\27874.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

Comments for Sample AD27874 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-21-2001 Time: 14:46:08

ONE OF THREE SURROGATES IS 1% ABOVE THE UCL.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\27874.D

Acq On : 16 Nov 2001 8:37 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Nov 16 21:16 2001

Vial: 10

Operator: 206-BH

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	14.41	114	481023	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	427783	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	164814	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	186106	6.56	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	131.20%	
3) 4-BROMOFLUOROBENZENE	23.57	174	111290	4.45	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	89.00%	
23) TOLUENE-D8	17.73	98	649227	5.03	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	100.60%	

Target Compounds

Qvalue

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

27874.D HP110101.M Fri Nov 16 21:16:19 2001

Page 1

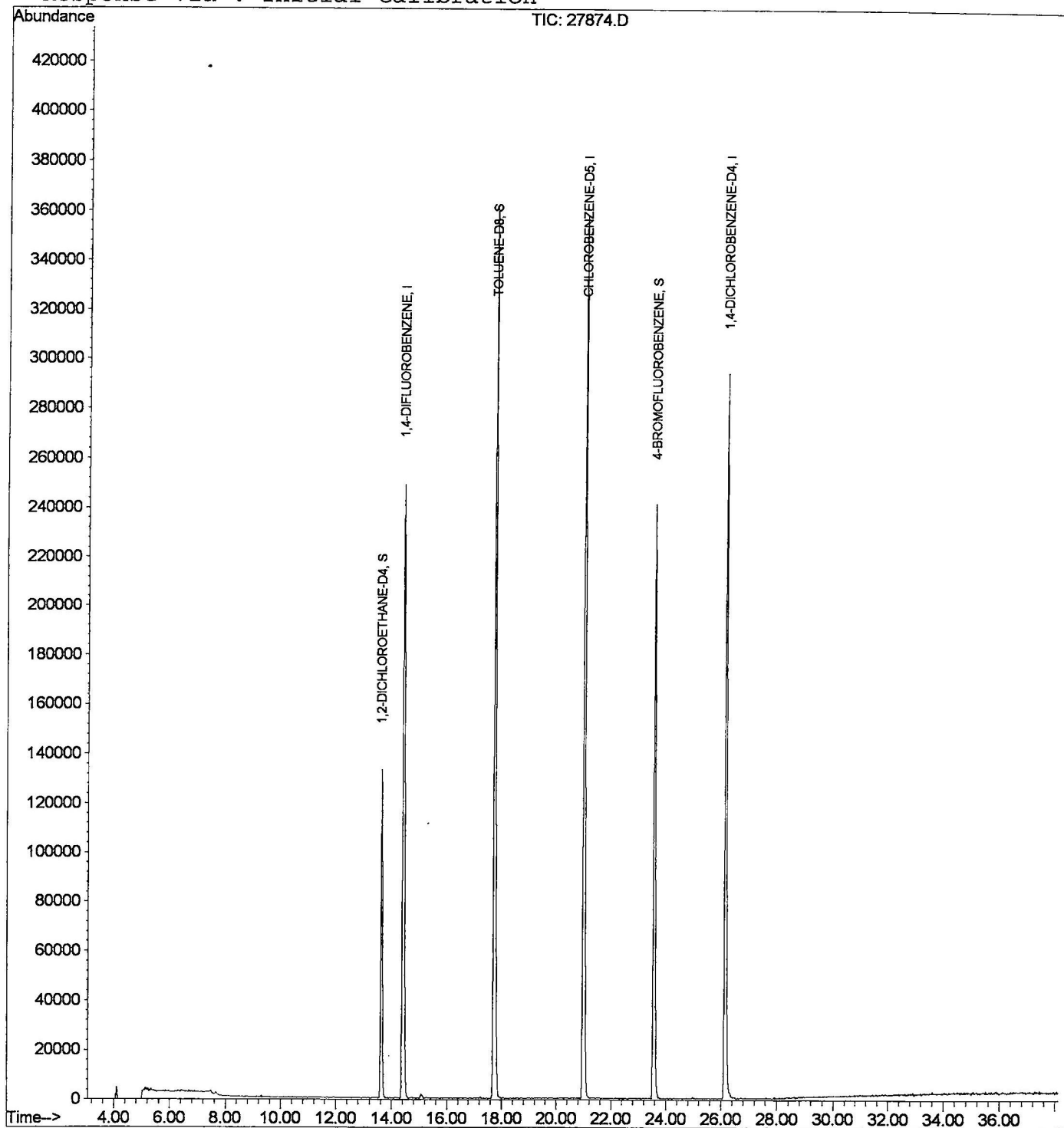
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\27874.D
Acq On : 16 Nov 2001 8:37 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 16 21:16 2001

Vial: 10
Operator: 206-BH
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\01nov16\27874.D
 Acq On : 16 Nov 2001 8:37 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

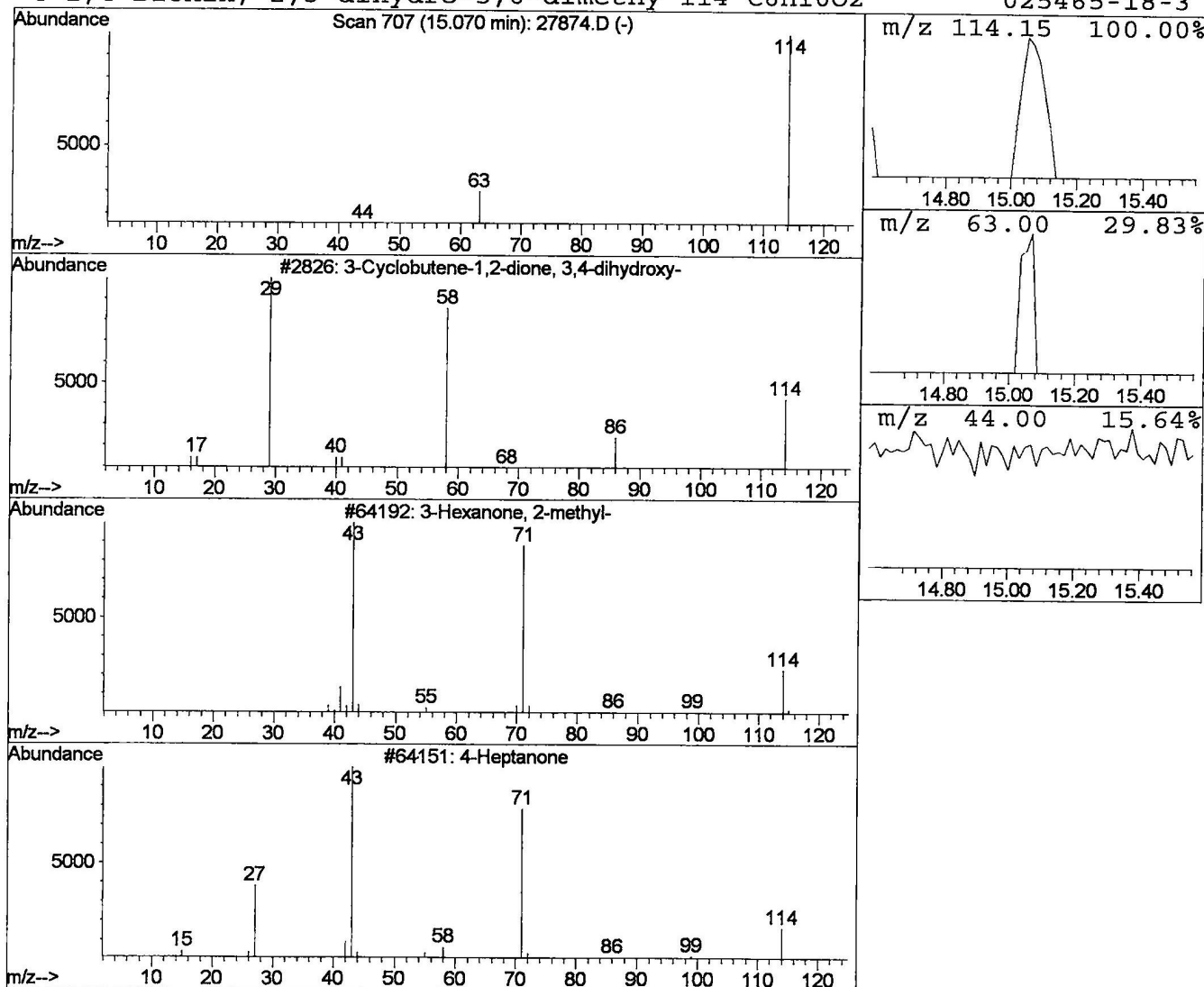
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	7238	1,4-DIFLUOROBENZENE	14.41

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 13:55:04

Sample: AD27984
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:09 Ended: 11/16/01 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27984.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.6		.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		.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		5.0		.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

REVIEWED BY *AV*
 DATE *11/21/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 13:55:04

Sample: AD27984
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 11/16/01 00:09 Ended: 11/16/01 00:09 Analyst: BH
Result source: m:\instruments\206\rrfiles\27984.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

Comments for Sample AD27984 - Analysis \$524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 11-21-2001 Time: 14:46:37

ONE OF THREE SURROGATES IS 2% ABOVE THE UCL.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\27984.D
 Acq On : 16 Nov 2001 9:20 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 21:59 2001

Vial: 11
 Operator: 206-BH
 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	14.41	114	468816	5.00	ug/L	-0.03
22) CHLOROBENZENE-D5	21.00	117	415522	5.00	ug/L	-0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	161625	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	182482	6.60	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	132.00%	
3) 4-BROMOFLUOROBENZENE	23.57	174	106916	4.39	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	87.80%	
23) TOLUENE-D8	17.73	98	633452	5.05	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	101.00%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 27984.D HP110101.M Fri Nov 16 21:59:48 2001

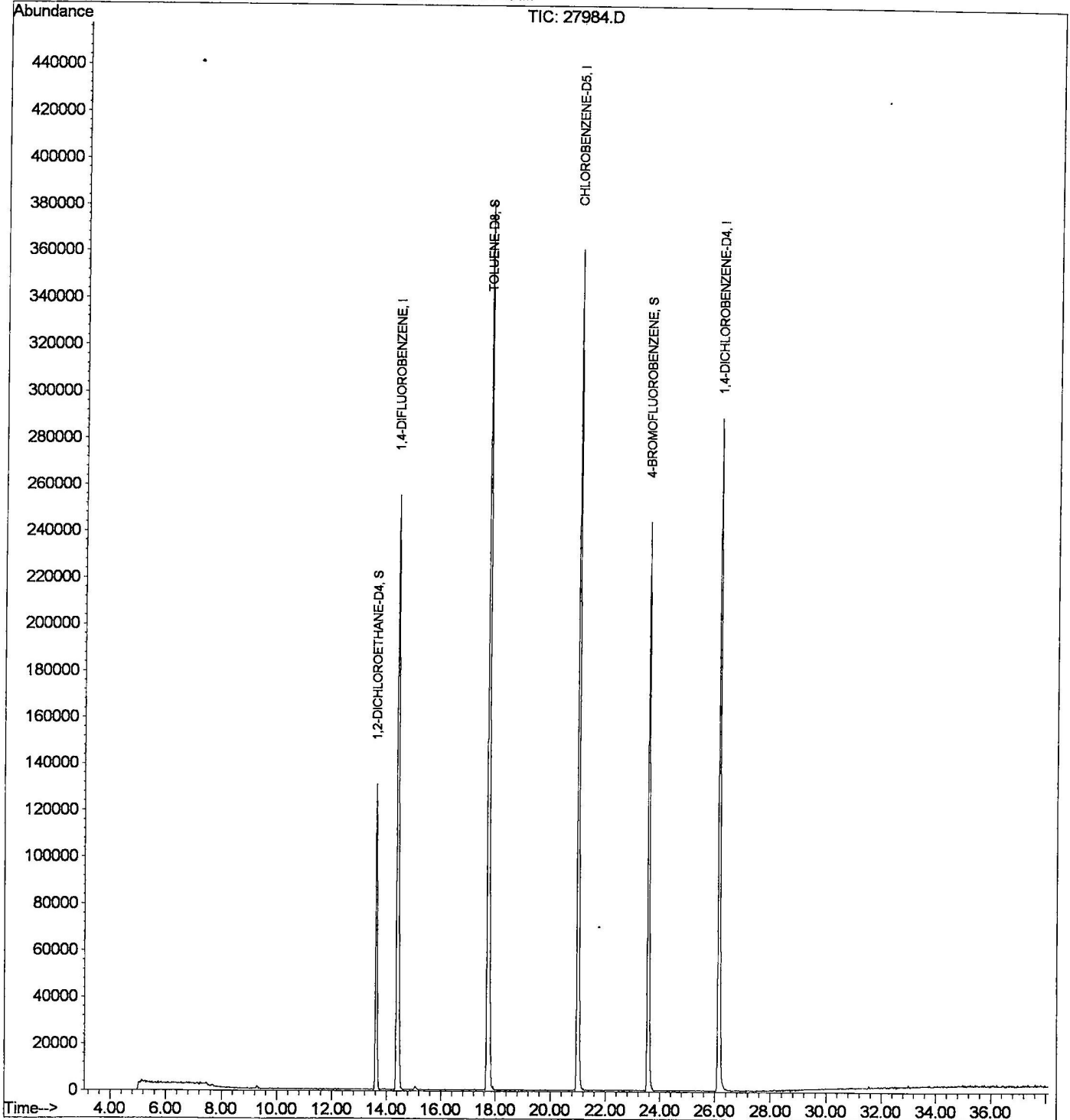
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\27984.D
 Acq On : 16 Nov 2001 9:20 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 21:59 2001

Vial: 11
 Operator: 206-BH
 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\01nov16\27984.D
 Acq On : 16 Nov 2001 9:20 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

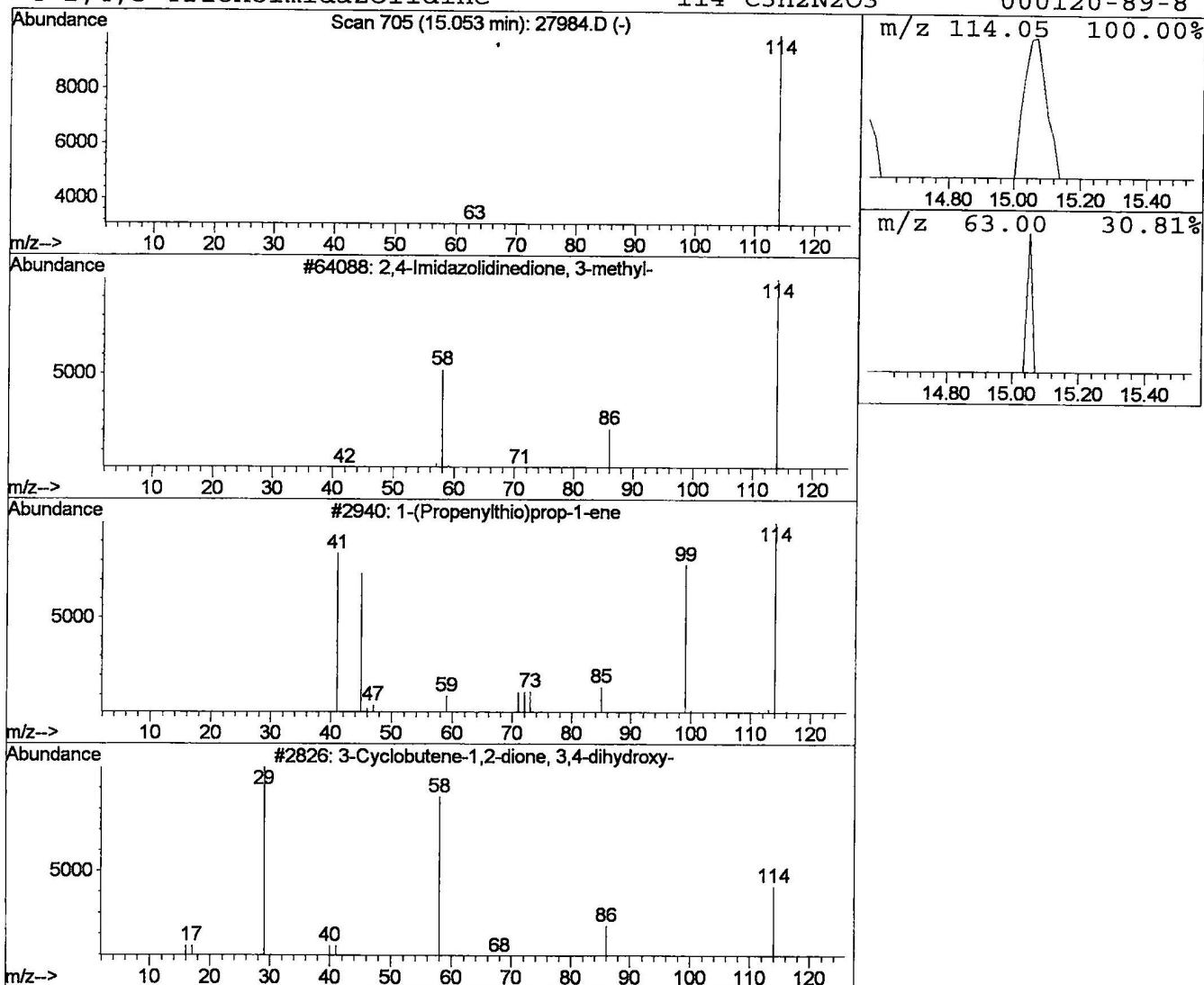
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.03 ug/L	6612	1,4-DIFLUOROBENZENE	14.41

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 11/19/2001 Time: 15:07:04

Sample: AD27985
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 11/16/01 00:00 Ended: 11/16/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\27985.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.7		.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		.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		5.2		.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		< 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

REVIEWED BY	<i>BV</i>
DATE	<i>11/21/01</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/19/2001 Time: 15:07:04

Sample: AD27985

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 11/16/01 00:00 Ended: 11/16/01 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\27985.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

Comments for Sample AD27985 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 11-21-2001 Time: 14:28:23

ONE OF THREE SURROGATES IS 4% ABOVE THE UCL.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov16\27985.D
 Acq On : 16 Nov 2001 10:04 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 22:43 2001

Vial: 12
 Operator: 206-BH
 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	448277	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	21.00	117	395933	5.00	ug/L	-0.04
50) 1,4-DICHLOROBENZENE-D4	26.16	152	153938	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	177875	6.72	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	134.40%	
3) 4-BROMOFLUOROBENZENE	23.57	174	103126	4.43	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	88.60%	
23) TOLUENE-D8	17.73	98	623487	5.22	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	104.40%	
Target Compounds						
12) METHYLENE CHLORIDE 43	8.97	49	10822	0.43	ug/L	Qvalue 92

↑
 < MDL
 not in JEP

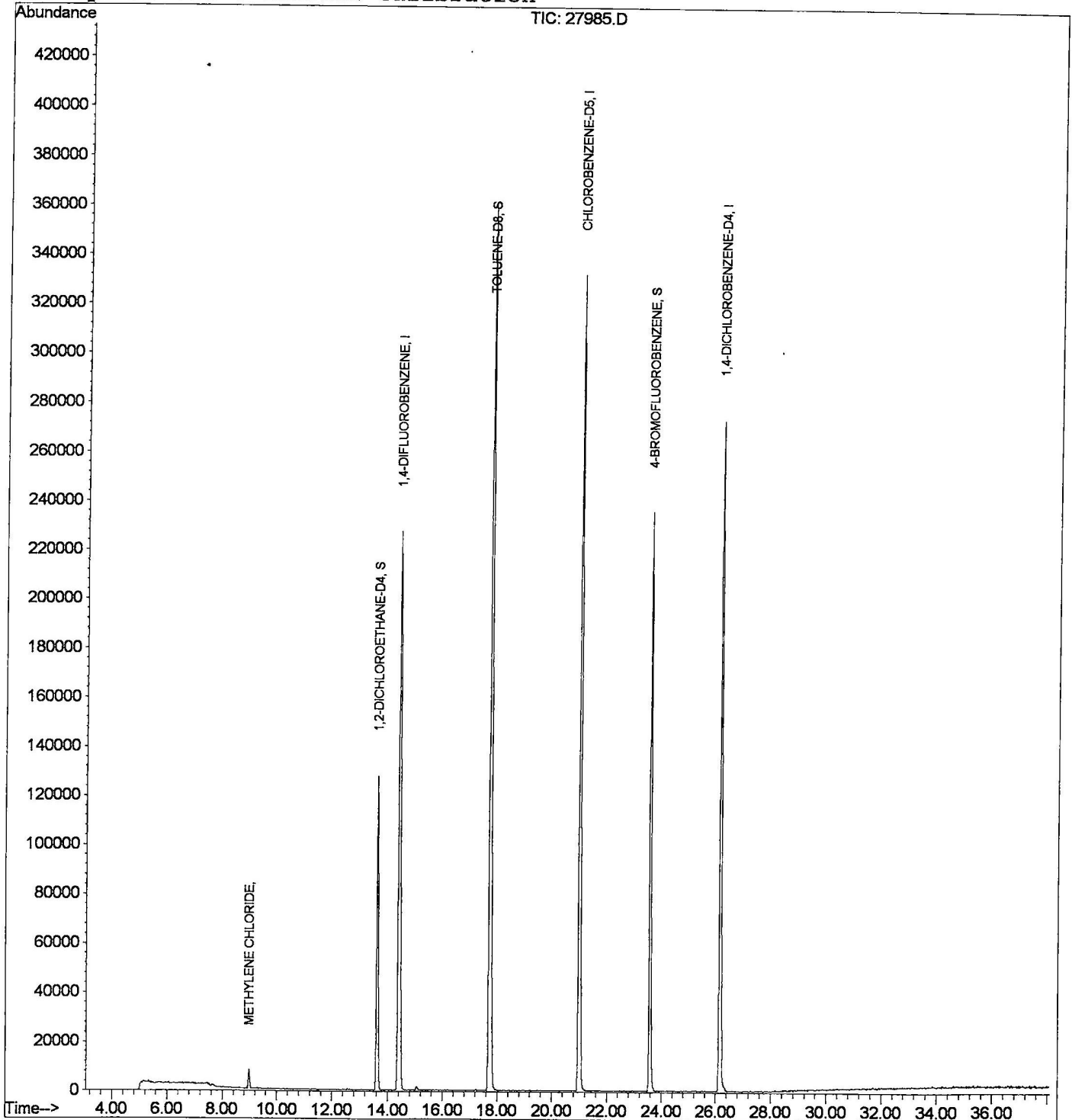
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov16\27985.D
 Acq On : 16 Nov 2001 10:04 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Nov 16 22:43 2001

Vial: 12
 Operator: 206-BH
 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\01nov16\27985.D
 Acq On : 16 Nov 2001 10:04 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

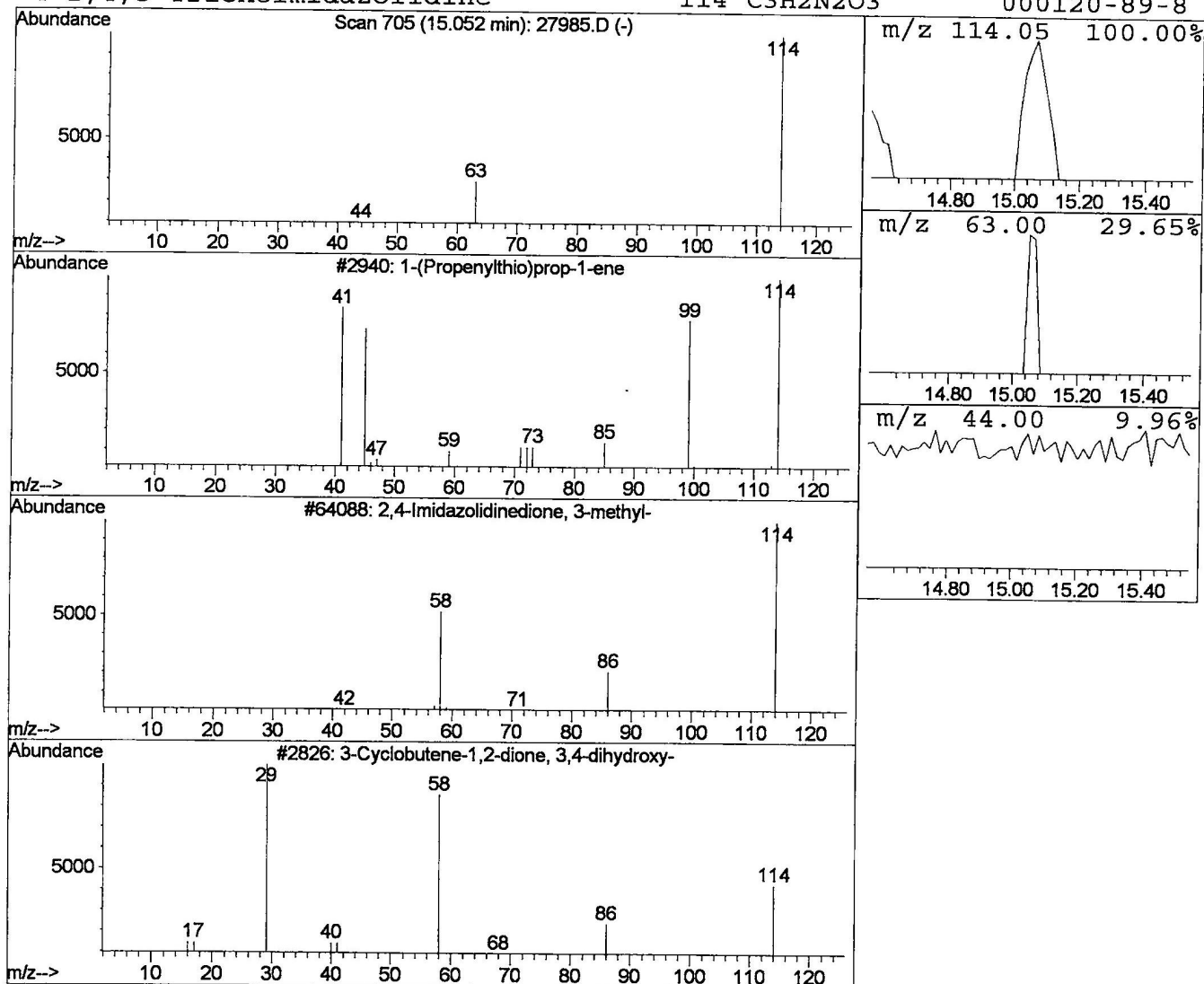
Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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	6443	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



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 14:30:50

Sample: AD27985
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 11/20/01 10:35 Ended: 11/20/01 10:35 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.80	.5
2	Surr - 4-BROMOFLUOROBENZE		3.68	.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 (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		< 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-Bromodichloromethan		< MDL	.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: 11/21/2001 Time: 14:30:50

Sample: AD27985
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 11/20/01 10:35 Ended: 11/20/01 10:35 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

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 11/21/2001 Time: 14:30:43

Sample: AD27985
 Analysis: SP_524 Duplicate calculation for 524
 Units: ug
 Started: 11/16/01 00:00 Ended: 11/16/01 00:00 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		1.9
2	Surr - 4-BROMOFLUOROBENZE		0.72
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.10
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETHA		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETHA		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLORO BENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/21/2001 Time: 14:30:43

Sample: AD27985
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 11/16/01 00:00 Ended: 11/16/01 00:00 Analyst: BH
Result source: calculation
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01NOV19\27985D.D
 Acq On : 20 Nov 2001 1:08 am
 Sample : 524 nyc dup (bh)
 Misc : November 19, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 20 8:14 2001

Vial: 24
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:08:25 2001
 Response via : Initial Calibration
 DataAcq Meth : HP110701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	693485	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.85	117	570296	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	27.02	152	246796	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	430079	4.80	ug/L	0.07
Spiked Amount 5.000			Recovery	=	96.00%	
3) 4-BROMOFLUOROBENZENE	24.42	174	196003	3.68	ug/L	0.07
Spiked Amount 5.000			Recovery	=	73.60%	
25) TOLUENE-D8	18.54	98	797774	5.06	ug/L	0.07
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						
5) CHLOROMETHANE	5.34	50	2381	0.10 ug/L		Qvalue 84
10) Isopropyl Alcohol	8.15	45	2239	3.09 ug/L		84
12) ACETONE	8.32	43	36485	4.26 ug/L		90
18) 2-BUTANONE (MEK)	12.04	43	1709	0.18 ug/L		66
46) 2-HEXANONE	19.27	43	1584	0.16 ug/L		33

*nyc
in dup*

LDL

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01NOV19\27985D.D
 Acq On : 20 Nov 2001 1:08 am
 Sample : 524 nyc dup (bh)
 Misc : November 19, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Nov 20 8:14 2001

Vial: 24
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP110701.RES

Method : C:\HPCHEM\1\METHODS\HP110701.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Nov 08 08:08:25 2001
 Response via : Initial Calibration

