

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:31:44

Sample: AD29973
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 12/7/01 09:19 Ended: 12/7/01 09:19 Analyst: BH
 Result source: a:\1207b1.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.8
2	Surr - 4-BROMOFLUOROBENZ		4.4
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.49
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)		0.48
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		5.1
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

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Started: 12/7/01 09:19 Ended: 12/7/01 09:19 Analyst: BH
Result source: a:\1207b1.rr
Page: 2

	Component Name	Viol	Result
49	ISOPROPYLBENZENE		< MDL
50	1,2,3-TRICHLOROPROPANE		0.062
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\01DEC07\1207B1.D
Acq On : 7 Dec 2001 9:11 am
Sample : lab blank 1
Misc : December 6, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 14:18 2001

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration
DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	738089	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	630817	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	275201	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	465304	4.85	ug/L	0.02
Spiked Amount	5.000		Recovery	=	97.00%	
3) 4-BROMOFLUOROBENZENE	24.37	174	232103	4.38	ug/L	0.04
Spiked Amount	5.000		Recovery	=	87.60%	
25) TOLUENE-D8	18.49	98	911011	5.14	ug/L	0.04
Spiked Amount	5.000		Recovery	=	102.80%	
Target Compounds						
12) ACETONE	8.27	43	6834	0.49	ug/L	56
18) 2-BUTANONE (MEK)	12.02	43	6906	0.48	ug/L	65
55) 1,2,3-TRICHLOROPROPANE	24.44	110	412	0.06	ug/L	79

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

1207B1.D HP120301.M Mon Dec 10 09:18:44 2001

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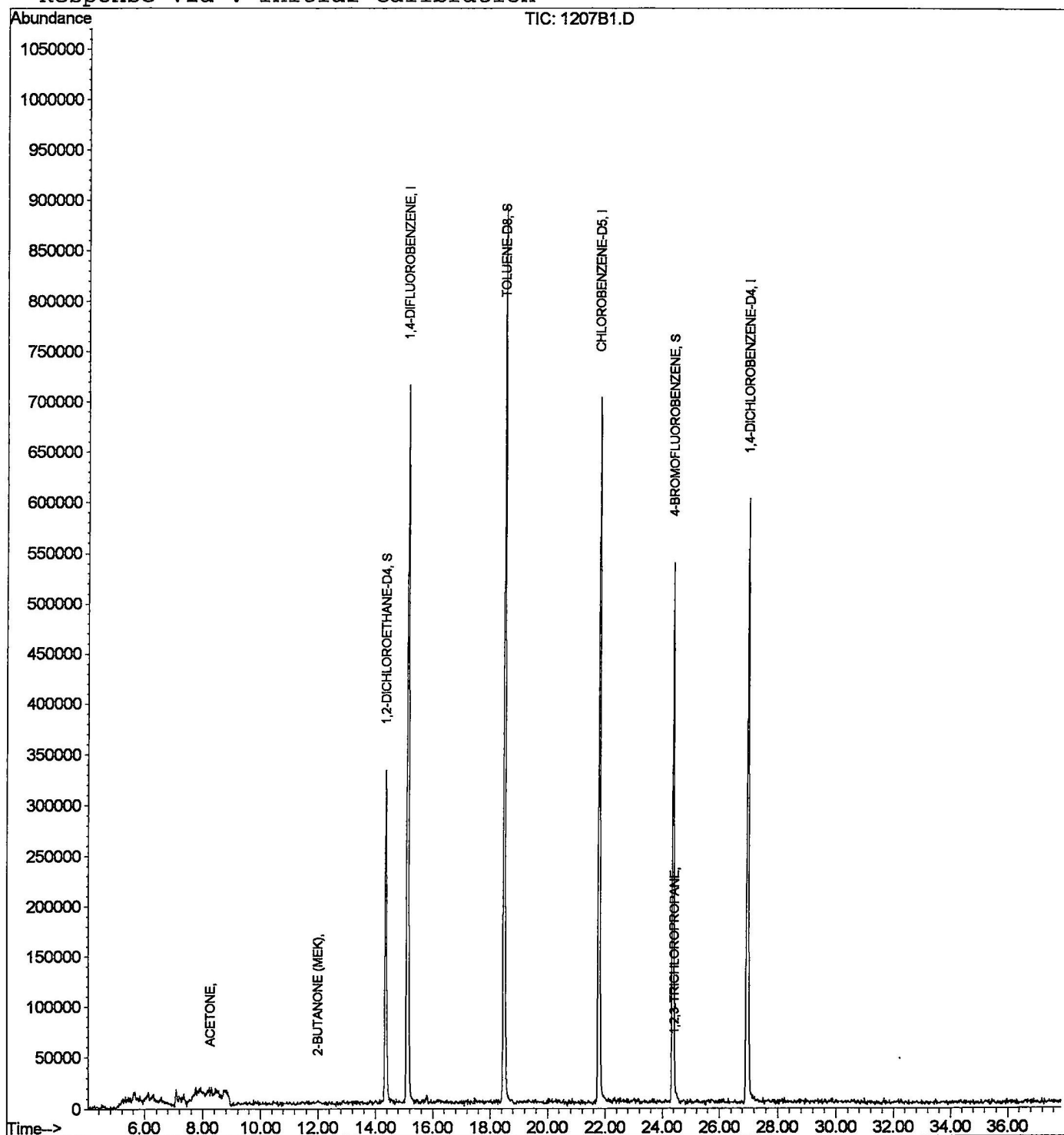
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC07\1207B1.D
Acq On : 7 Dec 2001 9:11 am
Sample : lab blank 1
Misc : December 6, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 14:18 2001

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:32:03

Sample: AD29973
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/7/01 15:25 Ended: 12/7/01 15:25 Analyst: BH
 Result source: a:\1207c10a.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.7 ✓	.5
2	Surr_4-BROMOFLUOROBENZE		4.9 ✓	.5
3	Dichlorodifluoromethane		12	.5
4	Chloromethane		9.1	.5
5	Vinyl chloride		12	.5
6	Bromomethane		9.1	.5
7	Chloroethane		12	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene		9.0	.5
10	Methylene Chloride		8.3	.5
11	Methyl tert-butyl ether		11	1.0
12	trans-1,2-dichloroethene		9.2	.5
13	1,1-dichloroethane		9.1	.5
14	2-butanone (MEK)		8.4	2.0
15	2,2-dichloropropane		9.9	.5
16	cis-1,2-dichloroethene		9.5	.5
17	Chloroform		9.2	.5
18	Bromochloromethane		9.1	.5
19	1,2-dichloroethane		9.2	.5
20	Surr_TOLUENE-D8		5.0 ✓	.5
21	1,1,1- trichloroethane		9.4	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		9.2	.5
24	Benzene		9.6	.5
25	Trichloroethene		9.8	.5
26	1,2-dichloropropane		9.6	.5
27	Dibromomethane		9.0	.5
28	Bromodichloromethane		9.1	.5
29	Methyl iso-butyl ketone		< MDL	1.0
30	cis-1,3-dichloropropene		9.9	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		10	.5
33	1,1,2-trichloroethane		9.2	.5
34	Tetrachloroethene		9.8	.5
35	1,3-dichloropropane		9.6	.5
36	Dibromochloromethane		9.4	2.0
37	Chlorobenzene		9.5	.5
38	1,1,1,2-tetrachloroethane		9.5	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		20	.5
41	O-xylene		10	.5
42	Styrene		10	.5
43	1,1,2,2-tetrachloroethane		9.0	.5
44	Bromoform		9.1	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		9.6	.5
47	N-propylbenzene		10	.5
48	Bromobenzene		10	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:32:03

Sample: AD29973
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/7/01 15:25 Ended: 12/7/01 15:25 Analyst: BH
Result source: a:\1207c10a.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		10	.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		10	.5
57	1,4-dichlorobenzene		9.4	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		9.8	.5
60	1,2,4-trichlorobenzene		11	.5
61	Hexachlobutadiene		10	.5
62	Naphthalene		9.8	.5
63	1,2,3-trichlorobenzene		10	.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec07\1207C10A.D

Vial: 4

Acq On : 7 Dec 2001 2:46 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : December 7, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 15:25 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	859600	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.79	117	749371	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	370548	5.00	ug/L	0.04

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.37	65	527148	4.71	ug/L	0.04
Spiked Amount	5.000		Recovery	=	94.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	304392	4.93	ug/L	0.04
Spiked Amount	5.000		Recovery	=	98.60%	
25) TOLUENE-D8	18.48	98	1051680	4.99	ug/L	0.04
Spiked Amount	5.000		Recovery	=	99.80%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	392358	12.07	ug/L	99
5) CHLOROMETHANE	5.53	50	335821	9.06	ug/L	94
6) VINYL CHLORIDE	5.63	62	430399	12.11	ug/L	95
7) BROMOMETHANE	6.62	94	267096	9.12	ug/L	96
8) CHLOROETHANE	6.75	64	306618	11.88	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.31	101	906460	11.99	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	3048	0.06	ug/L	65
12) ACETONE	8.27	43	104200	6.48	ug/L	91
13) 1,1-DICHLOROETHENE	8.64	61	662234	9.03	ug/L	95
14) METHYLENE CHLORIDE	9.63	49	690750	8.26	ug/L	96
15) METHYL TERT BUTYL ETHER	9.95	73	508020	10.52	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.29	61	692970	9.16	ug/L	95
17) 1,1-DICHLOROETHANE	11.20	63	766658	9.07	ug/L	98
18) 2-BUTANONE (MEK)	12.02	43	139848	8.40	ug/L	96
19) 2,2-DICHLOROPROPANE	12.42	77	578069	9.90	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.51	96	404764	9.50	ug/L	98
21) CHLOROFORM	12.84	83	886756	9.18	ug/L	100
22) BROMOCHLOROMETHANE	13.22	49	419587	9.13	ug/L	99
23) 1,2-DICHLOROETHANE	14.56	62	706841	9.19	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.73	97	747703	9.42	ug/L	97
27) 1,1-DICHLOROPROPENE	14.06	75	621595	10.13	ug/L	98
28) CARBON TETRACHLORIDE	14.32	117	740359	9.19	ug/L	97
29) BENZENE	14.67	78	1524646	9.64	ug/L	99
30) TRICHLOROETHENE	15.94	95	477630	9.76	ug/L	99
31) 1,2-DICHLOROPROPANE	16.29	63	423505	9.61	ug/L	98
32) DIBROMOMETHANE	16.97	174	189471	8.96	ug/L	97
33) BROMODICHLOROMETHANE	16.81	83	614097	9.12	ug/L	94
34) 2-CHLOROETHYL VINYL ETHER	17.30	63	140501	10.90	ug/L	100

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

1207C10A.D HP120301.M

Fri Dec 07 15:25:21 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec07\1207C10A.D

Vial: 4

Acq On : 7 Dec 2001 2:46 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : December 6, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 15:25 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) MIBK	17.37	58	77451	10.04	ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.91	75	511072	9.90	ug/L	98
37) TOLUENE	18.66	91	1531010	10.01	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.94	75	410877	10.47	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.32	97	245859	9.20	ug/L	96
40) TETRACHLOROETHENE	20.10	166	426572	9.79	ug/L	98
41) 1,3-DICHLOROPROPANE	19.86	76	471265	9.61	ug/L	94
42) DIBROMOCHLOROMETHANE	20.54	129	346631	9.38	ug/L	99
43) 1,2-DIBROMOETHANE	20.99	107	247418	9.49	ug/L	95
44) CHLOROBENZENE	21.88	112	981250	9.49	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.92	131	375619	9.50	ug/L	97
46) 2-HEXANONE	19.22	43	168649	10.64	ug/L	100
47) ETHYLBENZENE	21.92	91	1868988	10.13	ug/L	99
48) P & M-XYLENE	22.07	106	1267955	20.24	ug/L	94
49) O-XYLENE	23.05	91	1451746	10.31	ug/L	97
50) STYRENE	23.10	104	936602	10.08	ug/L	99
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	244048	8.98	ug/L	94
53) BROMOFORM	23.97	173	154593	9.07	ug/L	95
54) ISOPROPYLBENZENE	23.76	105	1555945	10.97	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.46	110	86014	9.63	ug/L	96
56) N-PROPYLBENZENE	24.65	91	1989532	10.24	ug/L	98
57) BROMOBENZENE	24.88	156	387087	10.07	ug/L	91
58) 1,3,5-TRIMETHYLBENZENE	24.97	105	1434262	10.69	ug/L	99
59) 2-CHLOROTOLUENE	25.12	91	1361490	10.36	ug/L	97
60) 4-CHLOROTOLUENE	25.19	91	1315429	10.39	ug/L	97
61) TERT-BUTYLBENZENE	25.75	119	1240301	10.93	ug/L	98
62) 1,2,4-TRIMETHYLBENZENE	25.84	105	1465211	10.68	ug/L	99
63) SEC-BUTYLBENZENE	26.20	105	1669876	10.87	ug/L	99
64) P-ISOPROPYLTOLUENE	26.46	119	1328833	11.27	ug/L	97
65) 1,3-DICHLOROBENZENE	26.83	146	693311	9.99	ug/L	97
66) 1,4-DICHLOROBENZENE	27.04	146	697345	9.43	ug/L	96
67) N-BUTYLBENZENE	27.35	91	1438544	10.98	ug/L	97
68) 1,2-DICHLOROBENZENE	27.89	146	581657	9.84	ug/L	96
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.69	157	26401	10.00	ug/L	87
70) 1,2,4-TRICHLOROBENZENE	31.99	180	387927	10.62	ug/L	96
71) HEXACHLOROBUTADIENE	32.30	225	284354	10.48	ug/L	96
72) NAPHTHALENE	32.82	128	415333	9.83	ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.54	180	314533	10.37	ug/L	95
74) NITROBENZENE	29.90	77	179188	200.82	ug/L	94

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

1207C10A.D HP120301.M

Fri Dec 07 15:25:24 2001

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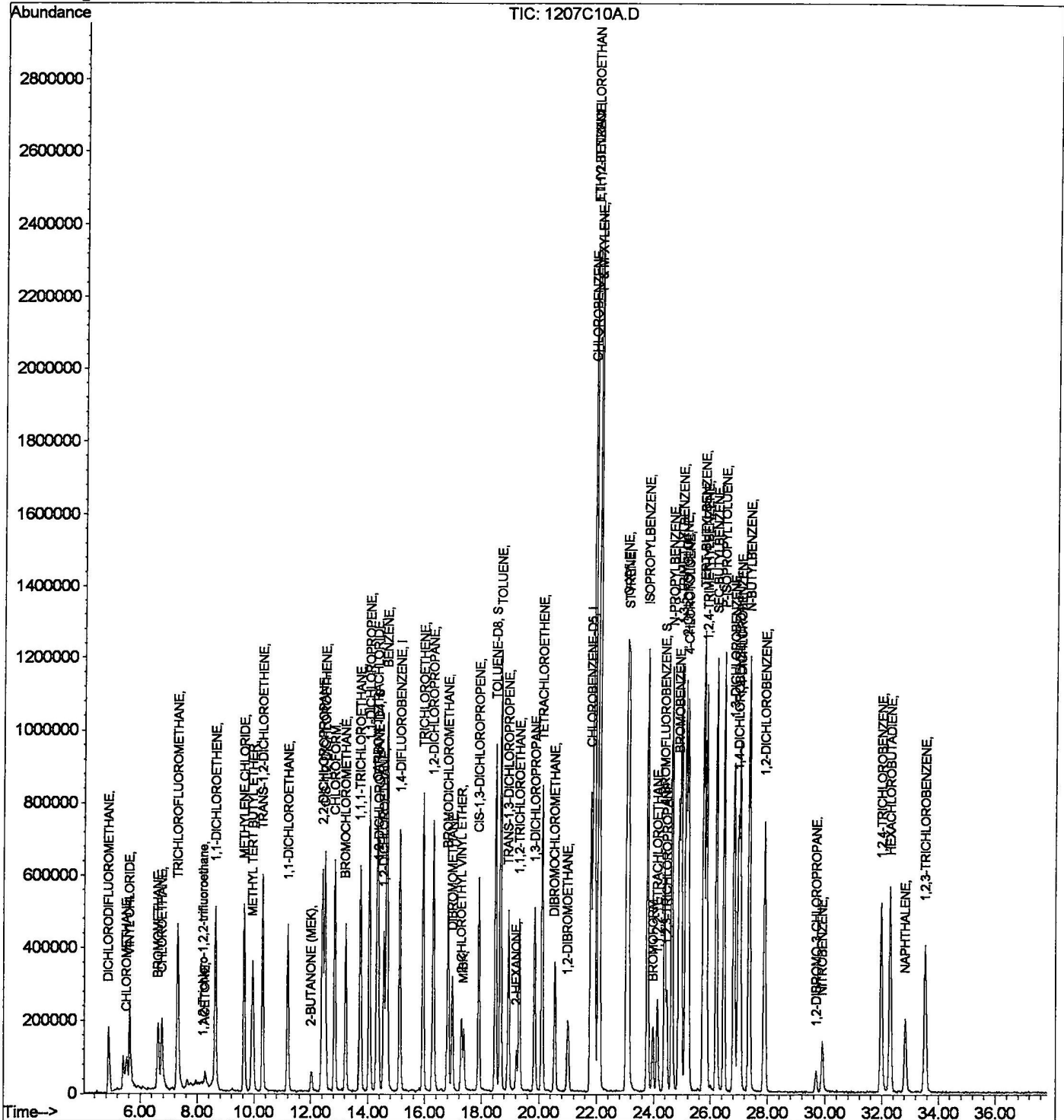
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\1207C10A.D
Acq On : 7 Dec 2001 2:46 pm
Sample : cal 10
Misc : December 6, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 15:25 2001

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

```
Method       : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update  : Tue Dec 04 11:12:18 2001
Response via : Initial Calibration
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User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 12/12/2001 Time: 16:11:28

Sample: AD29973

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 12/07/01 16:39 Ended: 12/07/01 16:39 Analyst: BH

Result source: a:\1207r40a.rr

Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.7	
2	4-BROMOFLUOROBENZENE		5.0	
3	DICHLORODIFLUOROMETHANE		47	.5
4	CHLOROMETHANE		49	.5
5	VINYL CHLORIDE		51	.5
6	BROMOMETHANE		40	.5
7	CHLOROETHANE		42	.5
8	TRICHLOROFLUOROMETHANE		42	.5
9	ACETONE		19	.5
10	1,1-DICHLOROETHENE		29	.5
11	METHYLENE CHLORIDE		28	.5
12	METHYL TERT BUTYL ETHER		36	1
13	TRANS-1,2-DICHLOROETHENE		31	.5
14	1,1-DICHLOROETHANE		31	.5
15	2-BUTANONE (MEK)		31	.5
16	2,2-DICHLOROPROPANE		35	.5
17	CIS-1,2-DICHLOROETHENE		35	.5
18	CHLOROFORM		32	.5
19	BROMOCHLOROMETHANE		34	.5
20	1,2-DICHLOROETHANE		33	.5
21	TOLUENE-D8		5.0	
22	1,1,1-TRICHLOROETHANE		33	.5
23	1,1-DICHLOROPROPENE		34	.5
24	CARBON TETRACHLORIDE		32	.5
25	BENZENE		32	.5
26	TRICHLOROETHENE		34	.5
27	1,2-DICHLOROPROPANE		34	.5
28	DIBROMOMETHANE		35	.5
29	BROMODICHLOROMETHANE		35	.5
30	2-CHLOROETHYL VINYL ETHER		43	.5
31	METHYL ISO-BUTYL KETONE		39	1
32	CIS-1,3-DICHLOROPROPENE		41	.5
33	TOLUENE		34	.5
34	TRANS-1,3-DICHLOROPROPENE		43	.5
35	1,1,2-TRICHLOROETHANE		35	.5
36	TETRACHLOROETHENE		34	.5
37	1,3-DICHLOROPROPANE		37	.5
38	DIBROMOCHLOROMETHANE		38	2
39	1,2-DIBROMOETHANE		39	.5
40	CHLOROBENZENE		34	.5
41	1,1,1,2-TETRACHLOROETHANE		36	.5
42	2-HEXANONE		42	.5
43	ETHYLBENZENE		35	.5
44	P & M-XYLENE		72	.5
45	O-XYLENE		38	.5
46	STYRENE		38	.5
47	1,1,2,2-TETRACHLOROETHANE		37	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 16:11:28

Sample: AD29973

Analysis: SRE524 Reference recovery for 524

Units: ug

Started: 12/07/01 16:39 Ended: 12/07/01 16:39 Analyst: BH

Result source: a:\1207r40a.rr

Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		42	2
49	ISOPROPYLBENZENE		40	.5
50	1,2,3-TRICHLOROPROPANE		38	.5
51	N-PROPYLBENZENE		38	.5
52	BROMOBENZENE		37	.5
53	1,3,5-TRIMETHYLBENZENE		38	.5
54	2-CHLOROTOLUENE		38	.5
55	4-CHLOROTOLUENE		36	.5
56	TERT-BUTYLBENZENE		40	.5
57	1,2,4-TRIMETHYLBENZENE		38	.5
58	SEC-BUTYLBENZENE		39	.5
59	P-ISOPROPYLTOLUENE		40	.5
60	1,3-DICHLOROBENZENE		36	.5
61	1,4-DICHLOROBENZENE		34	.5
62	N-BUTYLBENZENE		39	.5
63	1,2-DICHLOROBENZENE		37	.5
64	1,2-DIBROMO-3-CHLOROPROPA		50	.5
65	1,2,4-TRICHLOROBENZENE		42	.5
66	HEXACHLOROBUTADIENE		38	.5
67	NAPHTHALENE		45	.5
68	1,2,3-TRICHLOROBENZENE		41	.5
69	ETHANOL		< MDL	30

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 12/12/2001 Time: 16:12:23

Sample: AD29973
 Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 12/07/01 11:29 Ended: 12/07/01 11:29 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.7 ✓	.5
2	Surr - 4-BROMOFLUOROBENZE		5 ✓	.5
3	Dichlorodifluoromethane		117.5	.5
4	Chloromethane		122.5	.5
5	Vinyl chloride		127.5	.5
6	Bromomethane		100	.5
7	Chloroethane		105	.5
8	Trichlorofluoromethane		105	.5
9	1,1-Dichloroethene		72.5	.5
10	Methylene Chloride		70	.5
11	Methyl tert butyl ether		90	1.0
12	trans-1,2-dichloroethene		77.5	.5
13	1,1-dichloroethane		77.5	.5
14	2-butanone (MEK)		77.5	2.0
15	2,2-dichloropropane		87.5	.5
16	cis-1,2-dichloroethene		87.5	.5
17	Chloroform		80	.5
18	Bromochloromethane		85	.5
19	1,2-dichloroethane		82.5	.5
20	Surr - TOLUENE-D8		5 ✓	.5
21	1,1,1-trichloroethane		82.5	.5
22	1,1-dichloropropene		85	.5
23	Carbon tetrachloride		80	.5
24	Benzene		80	.5
25	Trichloroethene		85	.5
26	1,2-dichloropropane		85	.5
27	Dibromomethane		87.5	.5
28	Bromodichloromethane		87.5	.5
29	Methyl iso-butyl ketone		98	1.0
30	cis-1,3-dichloropropene		102.5	.5
31	Toluene		85	.5
32	trans-1,3-dichloropropene		107.5	.5
33	1,1,2-trichloroethane		87.5	.5
34	Tetrachloroethene		85	.5
35	1,3-dichloropropane		92.5	.5
36	Dibromochloromethane		95	2.0
37	Chlorobenzene		85	.5
38	1,1,1,2-tetrachloroethane		90	.5
39	Ethylbenzene		87.5	.5
40	P & M-xylene		90	.5
41	O-xylene		95	.5
42	Styrene		95	.5
43	1,1,2,2-tetrachloroethane		92.5	.5
44	Bromoform		105	2.0
45	Isopropylbenzene		100	.5
46	1,2,3-trichloropropane		95	.5
47	N-propylbenzene		95	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 16:12:23

Sample: AD29973

Analysis: SQ_524 Volatile Organic Compounds-Reference Rec

Units: ug

Started: 12/07/01 11:29 Ended: 12/07/01 11:29 Analyst: BH

Result source: manual entry

Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		92.5	.5
49	1,3,5-trimethylbenzene		95	.5
50	2-chlorotoluene		95	.5
51	4-chlorotoluene		90	.5
52	TERT-butylbenzene		100	.5
53	1,2,4-trimethylbenzene		95	.5
54	SEC-butylbenzene		97.5	.5
55	P-isopropyltoluene		100	.5
56	1,3-dichlorobenzene		90	.5
57	1,4-dichlorobenzene		85	.5
58	N-butylbenzene		97.5	.5
59	1,2-dichlorobenzene		92.5	.5
60	1,2,4-trichlorobenzene		105	.5
61	Hexachlorobutadiene		95	.5
62	Naphthalene		112.5	.5
63	1,2,3-trichlorobenzene		102.5	.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec07\1207R40A.D

Vial: 5

Acq On : 7 Dec 2001 4:00 pm

Operator: 201-wb

Sample : ref 40

Inst : GC/MS Ins

Misc : December 6, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 16:38 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	887132	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	772258	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	386326	5.00	ug/L	0.03

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.35	65	545720	4.73	ug/L	0.02
Spiked Amount	5.000		Recovery	=	94.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	318299	5.00	ug/L	0.04
Spiked Amount	5.000		Recovery	=	100.00%	
25) TOLUENE-D8	18.48	98	1081383	4.98	ug/L	0.03
Spiked Amount	5.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	1619272	47.40	ug/L	97
5) CHLOROMETHANE	5.50	50	1856110	49.11	ug/L	96
6) VINYL CHLORIDE	5.59	62	1396447	50.84	ug/L	97
7) BROMOMETHANE	6.61	94	1216698	40.26	ug/L	92
8) CHLOROETHANE	6.75	64	1120052	42.04	ug/L	93
9) TRICHLOROFLUOROMETHANE	7.30	101	3294770	42.24	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	1256019	25.45	ug/L	98
12) ACETONE	8.27	43	318326	19.18	ug/L	97
13) 1,1-DICHLOROETHENE	8.62	61	2169023	28.66	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	2442524	28.30	ug/L	98
15) METHYL TERT BUTYL ETHER	9.93	73	1793157	36.00	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.29	61	2428876	31.10	ug/L	97
17) 1,1-DICHLOROETHANE	11.18	63	2738797	31.40	ug/L	98
18) 2-BUTANONE (MEK)	12.02	43	528351	30.74	ug/L	95
19) 2,2-DICHLOROPROPANE	12.40	77	2118941	35.15	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.51	96	1538413	34.98	ug/L	95
21) CHLOROFORM	12.84	83	3204985	32.14	ug/L	100
22) BROMOCHLOROMETHANE	13.22	49	1627699	34.33	ug/L	97
23) 1,2-DICHLOROETHANE	14.56	62	2642980	33.29	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.73	97	2661751	32.52	ug/L	98
27) 1,1-DICHLOROPROPENE	14.06	75	2157720	34.13	ug/L	97
28) CARBON TETRACHLORIDE	14.32	117	2640775	31.80	ug/L	99
29) BENZENE	14.67	78	5244806	32.18	ug/L	100
30) TRICHLOROETHENE	15.94	95	1703567	33.80	ug/L	98
31) 1,2-DICHLOROPROPANE	16.29	63	1558568	34.31	ug/L	98
32) DIBROMOMETHANE	16.97	174	765560	35.12	ug/L	96
33) BROMODICHLOROMETHANE	16.81	83	2416854	34.83	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	571181	43.00	ug/L	100

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

1207R40A.D HP120301.M

Fri Dec 07 16:38:46 2001

Page 1

Data File : C:\HPCHEM\1\DATA\01dec07\1207R40A.D

Vial: 5

Acq On : 7 Dec 2001 4:00 pm

Operator: 201-wb

Sample : ref 40

Inst : GC/MS Ins

Misc : December 6, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 16:38 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) MIBK	17.37	58	312556	39.33	ug/L	88
36) CIS-1,3-DICHLOROPROPENE	17.89	75	2182389	41.03	ug/L	99
37) TOLUENE	18.66	91	5298233	33.62	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.94	75	1730103	42.78	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.32	97	953798	34.65	ug/L	100
40) TETRACHLOROETHENE	20.10	166	1527602	34.03	ug/L	97
41) 1,3-DICHLOROPROPANE	19.84	76	1870294	36.99	ug/L	99
42) DIBROMOCHLOROMETHANE	20.54	129	1465605	38.47	ug/L	98
43) 1,2-DIBROMOETHANE	20.99	107	1054007	39.21	ug/L	99
44) CHLOROBENZENE	21.88	112	3595513	33.74	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.92	131	1471392	36.13	ug/L	98
46) 2-HEXANONE	19.21	43	688764	42.16	ug/L	100
47) ETHYLBENZENE	21.92	91	6695057	35.22	ug/L	98
48) P & M-XYLENE	22.07	106	4616501	71.50	ug/L	96
49) O-XYLENE	23.05	91	5515523	38.00	ug/L	97
50) STYRENE	23.10	104	3624415	37.86	ug/L	99
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	1029774	36.76	ug/L	99
53) BROMOFORM	23.97	173	744907	41.92	ug/L	98
54) ISOPROPYLBENZENE	23.76	105	5914386	39.99	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.46	110	358206	38.47	ug/L	100
56) N-PROPYLBENZENE	24.63	91	7751587	38.28	ug/L	100
57) BROMOBENZENE	24.88	156	1476359	36.82	ug/L	91
58) 1,3,5-TRIMETHYLBENZENE	24.95	105	5300061	37.91	ug/L	98
59) 2-CHLOROTOLUENE	25.12	91	5263590	38.41	ug/L	99
60) 4-CHLOROTOLUENE	25.19	91	4802587	36.40	ug/L	99
61) TERT-BUTYLBENZENE	25.75	119	4786263	40.45	ug/L	97
62) 1,2,4-TRIMETHYLBENZENE	25.84	105	5456448	38.15	ug/L	97
63) SEC-BUTYLBENZENE	26.20	105	6323990	39.47	ug/L	99
64) P-ISOPROPYLTOLUENE	26.46	119	4882861	39.73	ug/L	98
65) 1,3-DICHLOROBENZENE	26.83	146	2615369	36.16	ug/L	98
66) 1,4-DICHLOROBENZENE	27.04	146	2654401	34.44	ug/L	97
67) N-BUTYLBENZENE	27.35	91	5317154	38.91	ug/L	99
68) 1,2-DICHLOROBENZENE	27.89	146	2280031	36.99	ug/L	95
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.67	157	137153	49.85	ug/L	80
70) 1,2,4-TRICHLOROBENZENE	31.99	180	1596691	41.93	ug/L	98
71) HEXACHLOROBUTADIENE	32.28	225	1080773	38.20	ug/L	98
72) NAPHTHALENE	32.82	128	1976961	44.90	ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.54	180	1303797	41.22	ug/L	94
74) NITROBENZENE	29.90	77	891812	958.66	ug/L	98

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

1207R40A.D HP120301.M

Fri Dec 07 16:38:49 2001

Page 2

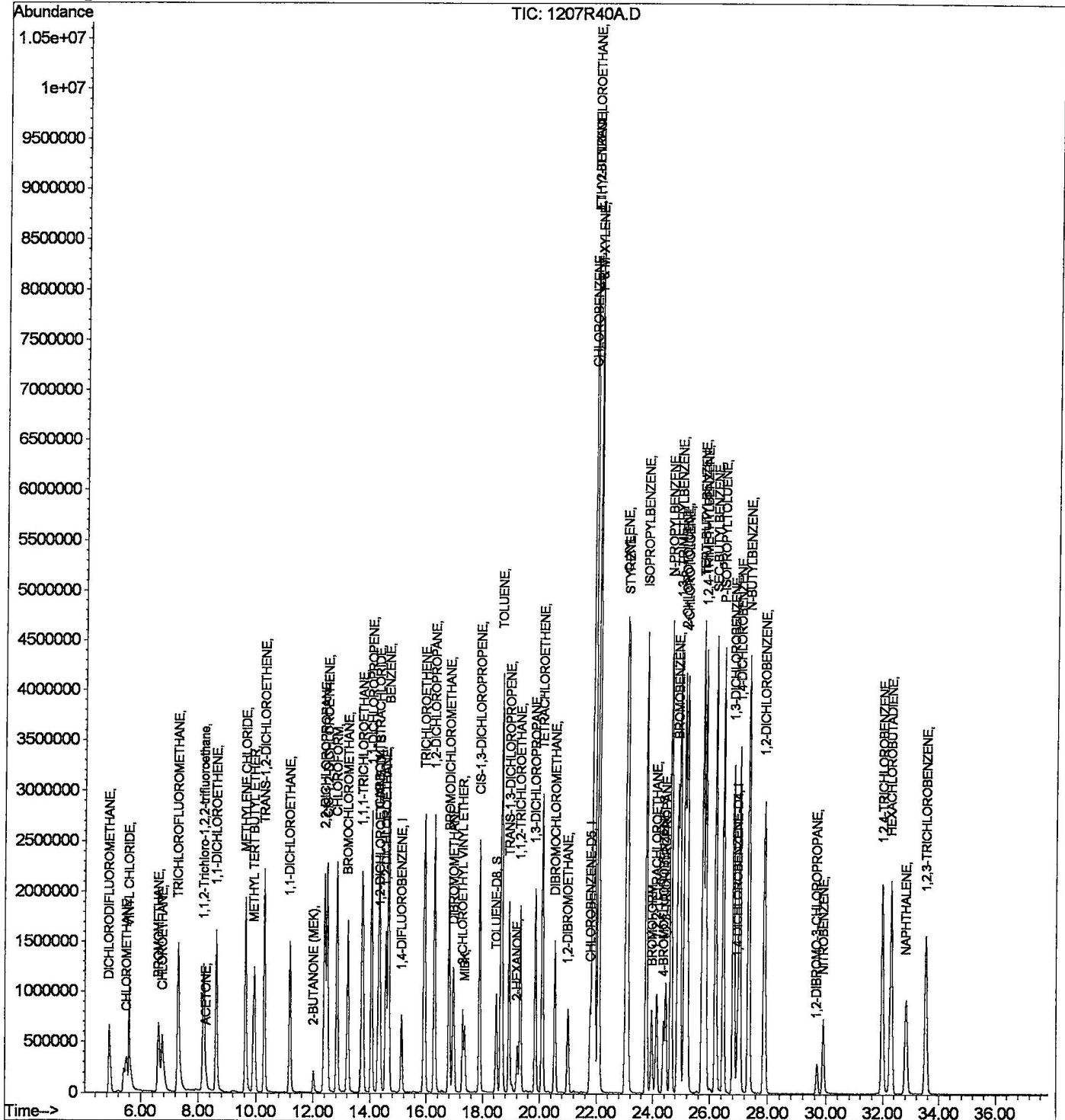
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\1207R40A.D
Acq On : 7 Dec 2001 4:00 pm
Sample : ref 40
Misc : December 6, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 16:38 2001

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

```
Method       : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Tue Dec 04 11:12:18 2001
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:33:14

Sample: AD29187
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/7/01 18:16 Ended: 12/7/01 18:16 Analyst: BH
 Result source: a:\29187.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	.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 AN
 DATE 12/12/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:33:14

Sample: AD29187
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/7/01 18:16 Ended: 12/7/01 18:16 Analyst: BH
Result source: a:\29187.rr
Page: 2

	Component Name	Viol	Result	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\01dec07\29187.D
 Acq On : 7 Dec 2001 5:37 pm
 Sample : nyc
 Misc : December 7, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 7 18:16 2001

Vial: 2
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	738783	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.80	117	617520	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	260108	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	481825	5.01	ug/L	0.04
Spiked Amount	5.000		Recovery	=	100.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	224566	4.23	ug/L	0.04
Spiked Amount	5.000		Recovery	=	84.60%	
25) TOLUENE-D8	18.48	98	900601	5.19	ug/L	0.04
Spiked Amount	5.000		Recovery	=	103.80%	
Target Compounds						
5) CHLOROMETHANE	5.42	50	1640	-0.08	ug/L	75
7) BROMOMETHANE	6.59	94	3348	0.13	ug/L	63
10) Isopropyl Alcohol	7.89	45	6109	7.18	ug/L	93
12) ACETONE	8.29	43	16301	1.18	ug/L	98
18) 2-BUTANONE (MEK)	12.07	43	9156	0.64	ug/L	65

 (#) = qualifier out of range (m) = manual integration
 29187.D HP120301.M Fri Dec 07 18:16:17 2001

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\29187.D

Acq On : 7 Dec 2001 5:37 pm

Sample : nyc

Misc : December 7, 2001

MS Integration Params: LSCINT.P

Quant Time: Dec 7 18:16 2001

Vial: 2

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

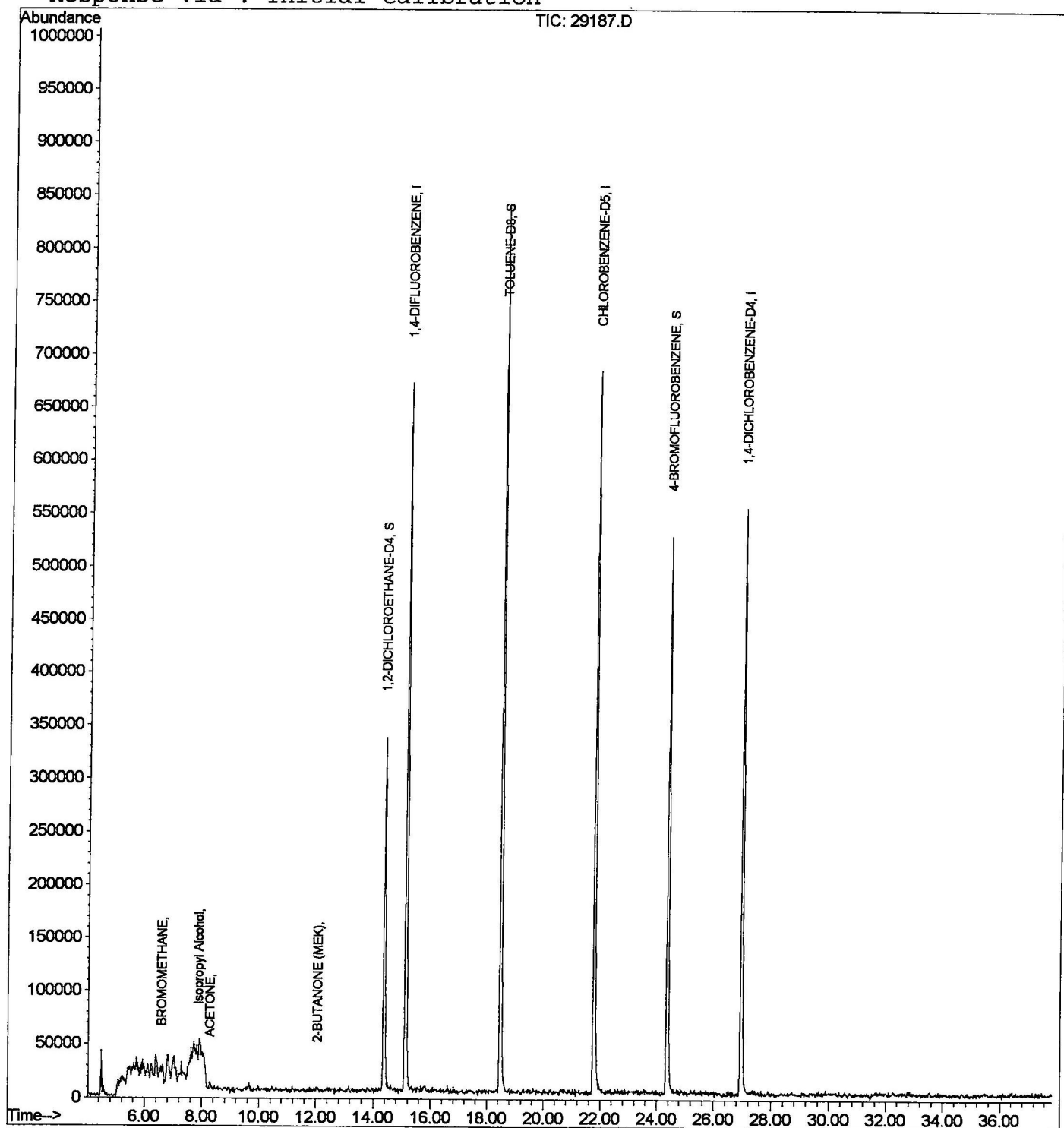
Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:12:18 2001

Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29187.D
 Acq On : 7 Dec 2001 5:37 pm
 Sample : nyc
 Misc : December 7, 2001
 MS Integration Params: LSCINT.P

Vial: 2
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Benzenamine, 2-methoxy-5-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	0.24 ug/L	118996	1,4-DIFLUOROBENZENE	15.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenamine, 2-methoxy-5-methyl-4-n	182	C8H10N2O3	000134-19-0	11
2		Benzene, 1-(chloromethyl)-2-methoxy	258	C8H6Cl4O	074312-97-3	10
3		Allylvinyldichlorosilane	166	C5H8Cl2Si	000000-00-0	10
4		Phosphine, methyl(1-methylethyl)[2(	228	C14H29P	074421-37-7	10
5		Propanedinitrile, (2-methylpropylid	120	C7H8N2	013134-03-7	10

 Peak Number 2 1-Pentene, 1,1,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	0.22 ug/L	108145	1,4-DIFLUOROBENZENE	15.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 1,1,5-trichloro-	172	C5H7Cl3	002677-33-0	90
2		Benzoic acid, 2,3,6-trichloro-	224	C7H3Cl3O2	000050-31-7	90
3		3H-Naphtho[2,1-b]pyran-3-one, dodec	264	C17H28O2	000468-84-8	90
4		Benzene, 1,2,3,4-tetrachloro-5-nitr	259	C6HCl4NO2	000879-39-0	90
5		Thiazole, 2,5-dibromo-	241	C3HBr2NS	004175-78-4	90

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:33:44

Sample: AD29188
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/7/01 09:06 Ended: 12/7/01 09:06 Analyst: BH
 Result source: a:\29188.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	.5
2	Surr - 4-BROMOFLUOROBENZ		4.0	.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		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	<i>AN</i>
DATE	<i>12/12/01</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:33:44

Sample: AD29188
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/7/01 09:06 Ended: 12/7/01 09:06 Analyst: BH
Result source: a:\29188.rr
Page: 2

	Component Name	Viol	Result	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\01dec07\29188.D
 Acq On : 7 Dec 2001 6:20 pm
 Sample : nyc
 Misc : December 7, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 7 18:59 2001

Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	734574	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.79	117	614135	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	256793	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	487215	5.10	ug/L	0.03
Spiked Amount 5.000			Recovery	=	102.00%	
3) 4-BROMOFLUOROBENZENE	24.37	174	213036	4.04	ug/L	0.04
Spiked Amount 5.000			Recovery	=	80.80%	
25) TOLUENE-D8	18.48	98	882823	5.12	ug/L	0.03
Spiked Amount 5.000			Recovery	=	102.40%	
Target Compounds						Qvalue
7) BROMOMETHANE	6.58	94	1385	0.06	ug/L	69
10) Isopropyl Alcohol	7.73	45	1897	2.24	ug/L	85
12) ACETONE	8.29	43	44120	3.21	ug/L	93
18) 2-BUTANONE (MEK)	11.84	43	1796	0.13	ug/L	65
46) 2-HEXANONE	19.23	43	2426	0.19	ug/L	94
65) 1,3-DICHLOROBENZENE	27.02	146	3579	0.07	ug/L	77
66) 1,4-DICHLOROBENZENE	27.06	146	5814	0.11	ug/L	95

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

29188.D HP120301.M Fri Dec 07 18:59:17 2001

Page 1

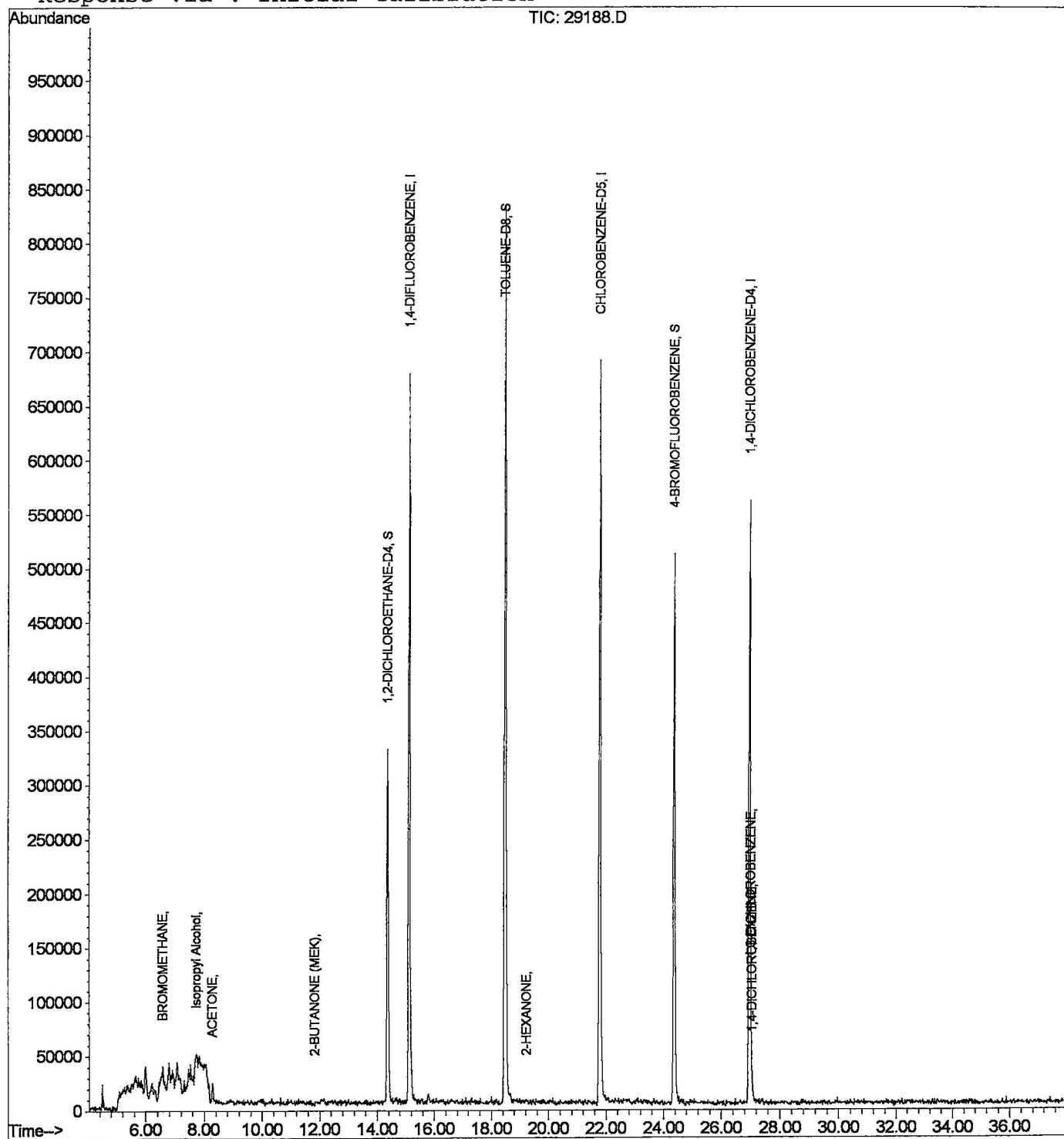
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\29188.D
Acq On : 7 Dec 2001 6:20 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 18:59 2001

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:12:18 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29188.D
 Acq On : 7 Dec 2001 6:20 pm
 Sample : nyc
 Misc : December 7, 2001
 MS Integration Params: LSCINT.P

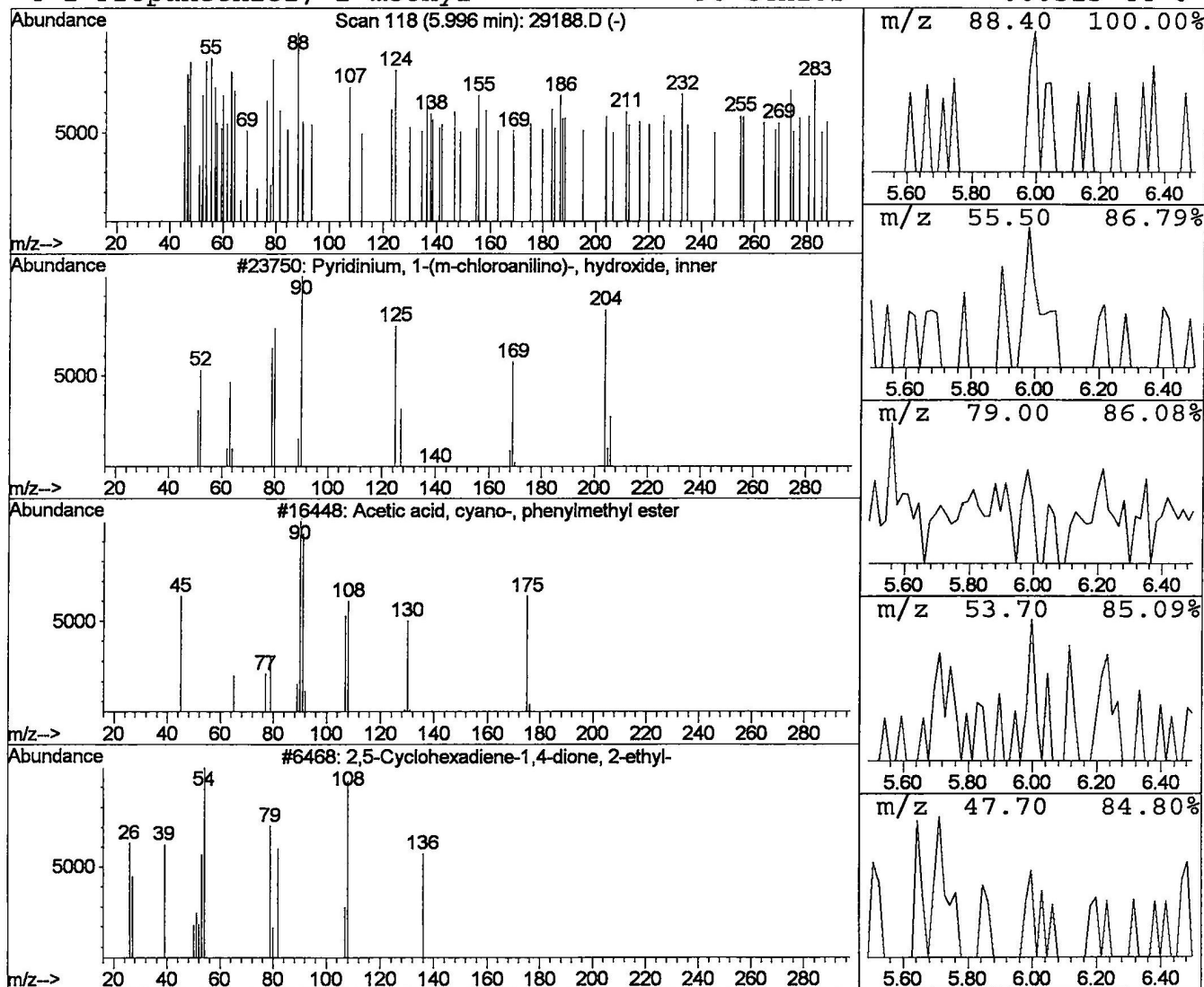
Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Pyridinium, 1-(m-chloroanilino Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	0.25 ug/L	121937	1,4-DIFLUOROBENZENE	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridinium, 1-(m-chloroanilino)-, h	204	C11H9ClN2	031378-94-6	90
2		Acetic acid, cyano-, phenylmethyl e	175	C10H9NO2	014447-18-8	83
3		2,5-Cyclohexadiene-1,4-dione, 2-eth	136	C8H8O2	004754-26-1	83
4		1-Propanethiol, 2-methyl-	90	C4H10S	000513-44-0	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29188.D
Acq On : 7 Dec 2001 6:20 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P

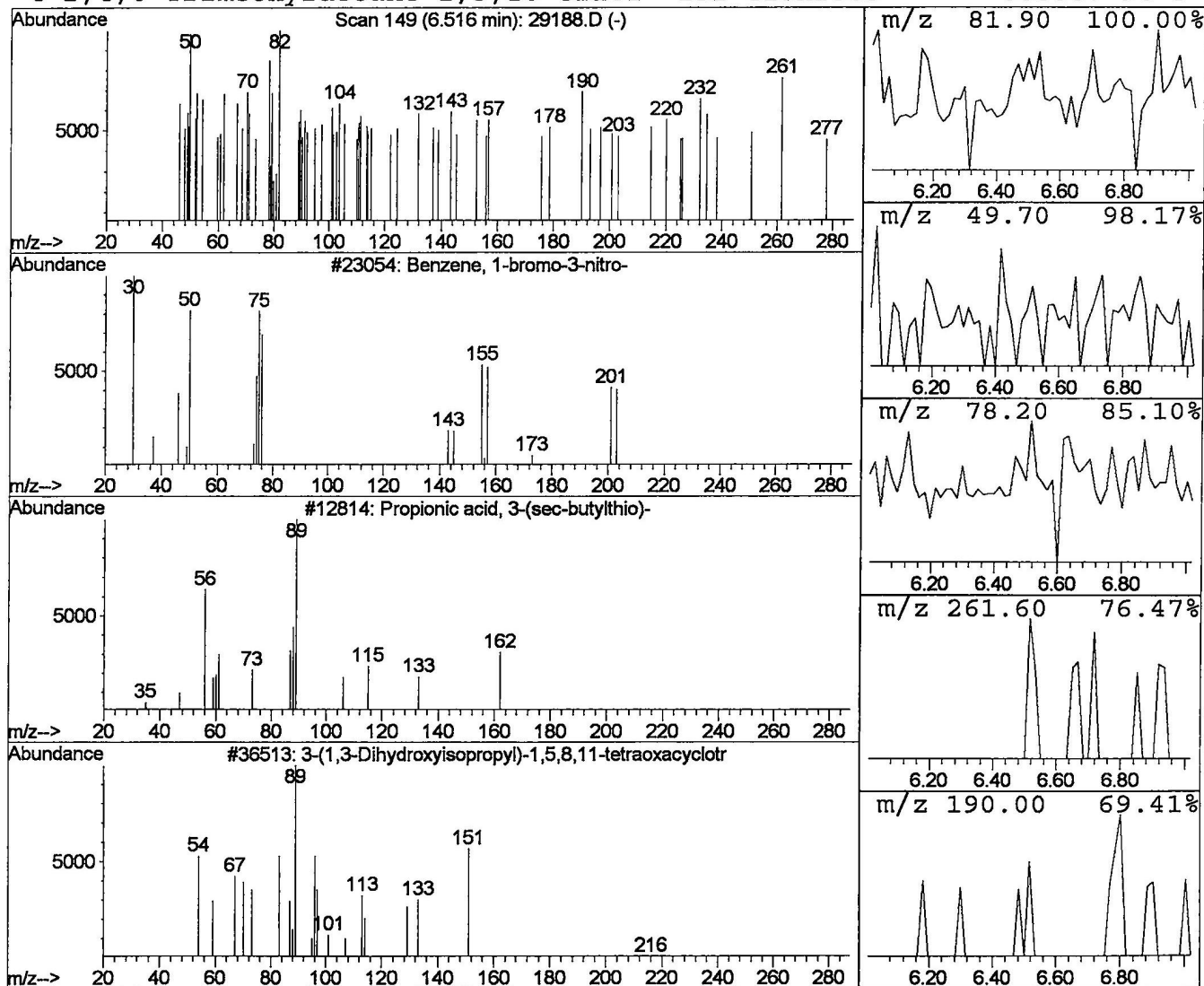
Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Benzene, 1-bromo-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	0.22 ug/L	106462	1,4-DIFLUOROBENZENE	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-bromo-3-nitro-	201	C6H4BrNO2	000585-79-5	83
2		Propionic acid, 3-(sec-butylthio)-	162	C7H14O2S	024383-15-1	83
3		3-(1,3-Dihydroxyisopropyl)-1,5,8,11	264	C12H24O6	000000-00-0	83
4		2,4,6-Trimethyldecane-1,3,10-triol	232	C13H28O3	085887-96-3	83



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:34:13

Sample: AD29189
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/7/01 09:08 Ended: 12/7/01 09:08 Analyst: BH
 Result source: a:\29189.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	.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	1,1,1,2,2-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>[Signature]</i>
DATE	12/12/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:34:13

Sample: AD29189
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/7/01 09:08 Ended: 12/7/01 09:08 Analyst: BH
Result source: a:\29189.rr
Page: 2

	Component Name	Viol	Result	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\01dec07\29189.D

Vial: 4

Acq On : 7 Dec 2001 7:03 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : December 7, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 19:41 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	700399	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.79	117	595120	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	255624	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	474560	5.21	ug/L	0.04
Spiked Amount	5.000		Recovery	=	104.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	211703	4.21	ug/L	0.04
Spiked Amount	5.000		Recovery	=	84.20%	
25) TOLUENE-D8	18.48	98	865145	5.17	ug/L	0.04
Spiked Amount	5.000		Recovery	=	103.40%	
Target Compounds						
6) VINYL CHLORIDE	5.59	62	2399	0.43	ug/L	78
7) BROMOMETHANE	6.49	94	1250	0.05	ug/L	53
10) Isopropyl Alcohol	7.85	45	3743	4.64	ug/L	73
12) ACETONE	8.29	43	29603	2.26	ug/L	94
18) 2-BUTANONE (MEK)	12.04	43	9168	0.68	ug/L	65
46) 2-HEXANONE	19.27	43	2033	0.16	ug/L	37

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

29189.D HP120301.M Fri Dec 07 19:41:58 2001

Page 1

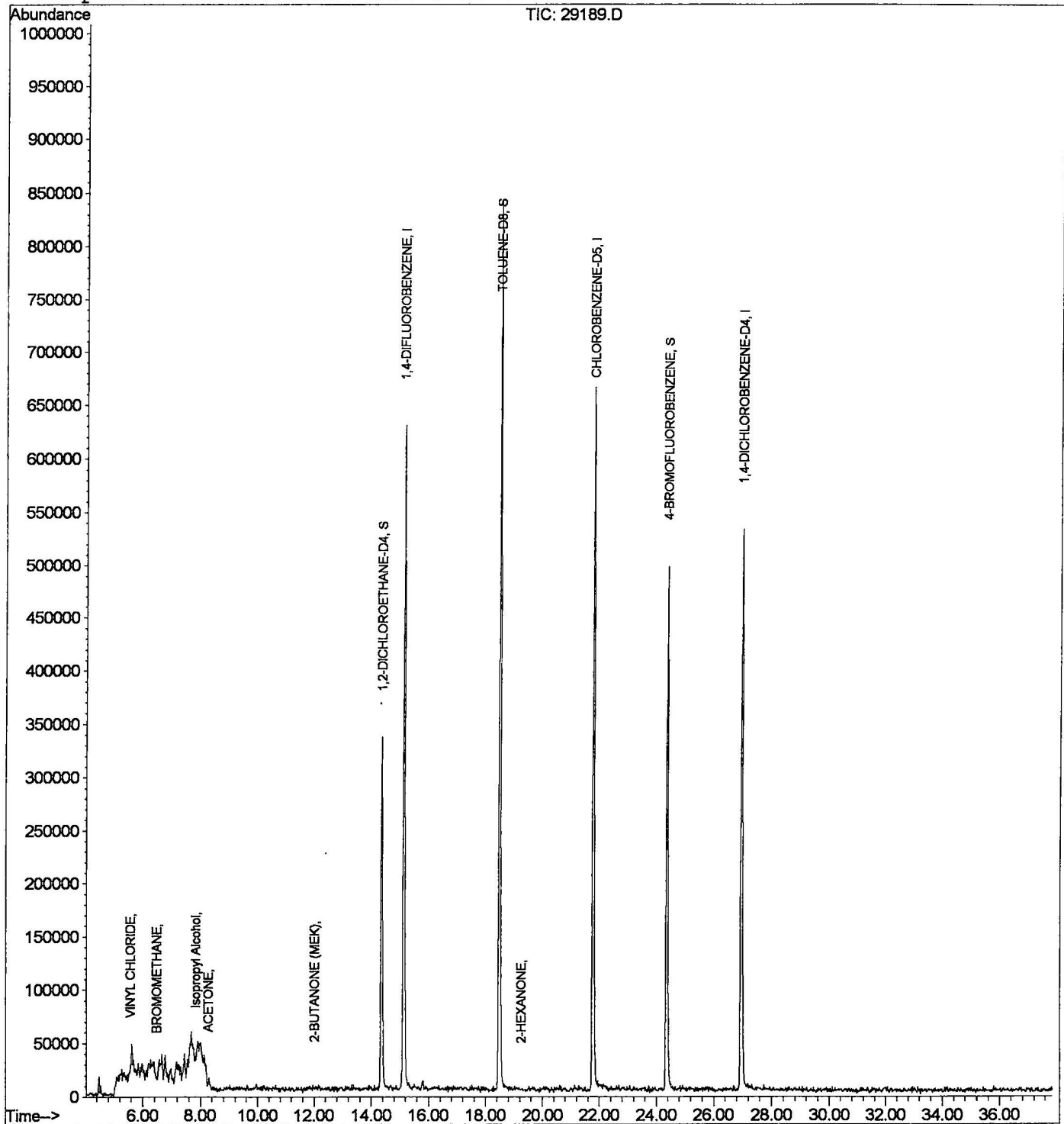
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\29189.D
Acq On : 7 Dec 2001 7:03 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 19:41 2001

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:12:18 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29189.D
Acq On : 7 Dec 2001 7:03 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P

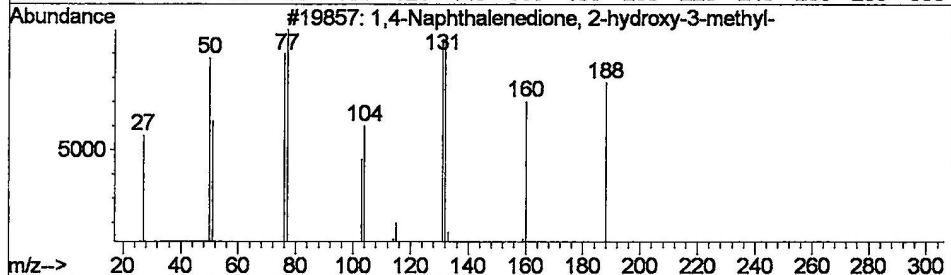
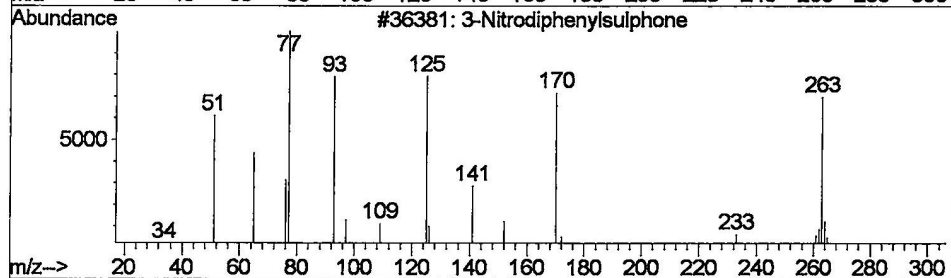
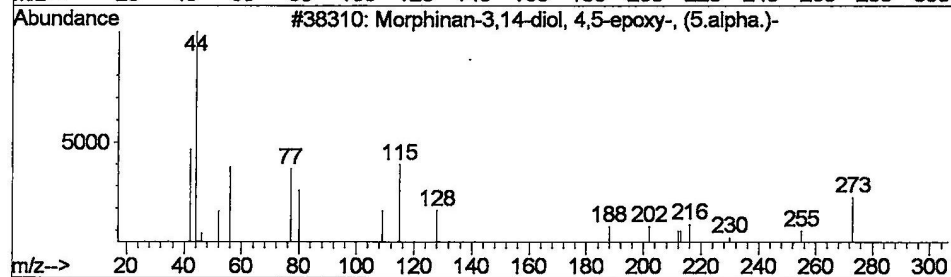
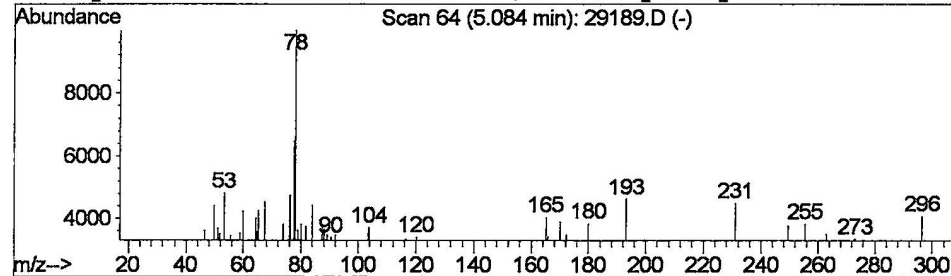
Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Morphinan-3,14-diol, 4,5-epoxy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	0.24 ug/L	114761	1,4-DIFLUOROBENZENE	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morphinan-3,14-diol, 4,5-epoxy-, (5	273	C16H19NO3	055255-50-0	83
2		3-Nitrodiphenylsulphone	263	C12H9NO4S	018513-19-4	83
3		1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	74
4		Hydrazinecarbothioamide, 2-(1-pheny	193	C9H11N3S	002302-93-4	74



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29189.D
Acq On : 7 Dec 2001 7:03 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P

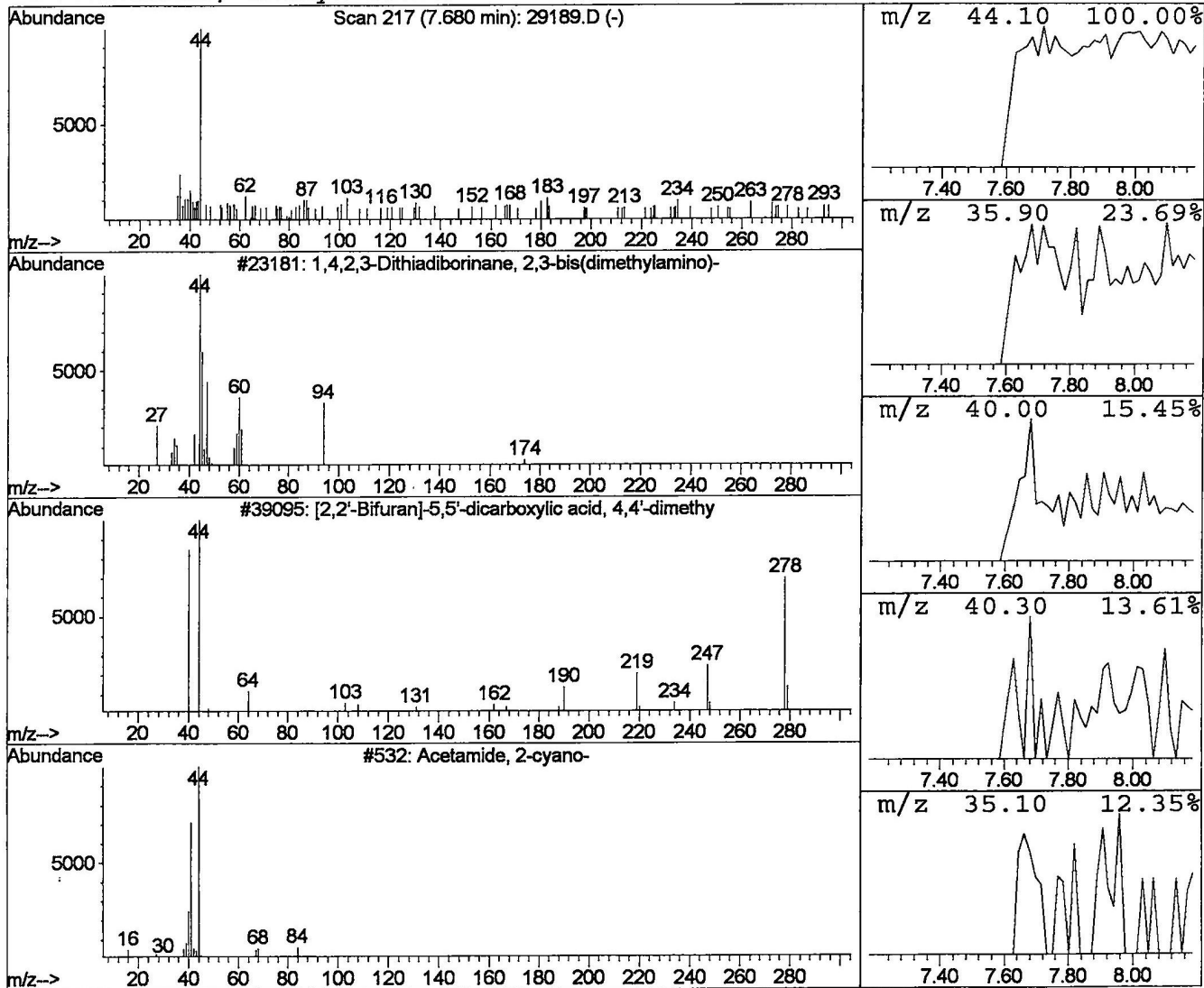
Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 2 1,4,2,3-Dithiadiborinane, 2,3- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	0.43 ug/L	204858	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4,2,3-Dithiadiborinane, 2,3-bis(d	202	C6H16B2N2S2	019172-56-6	37
2			[2,2'-Bifuran]-5,5'-dicarboxylic ac	278	C14H14O6	005905-03-3	37
3			Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	35
4			L-Alanine, methyl ester	103	C4H9NO2	010065-72-2	25



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:34:44

Sample: AD29284
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/7/01 09:09 Ended: 12/7/01 09:09 Analyst: BH
 Result source: a:\29284.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	.5
2	Surr - 4-BROMOFLUOROBENZ		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	*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 BT
 DATE 12/12/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:34:44

Sample: AD29284
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/7/01 09:09 Ended: 12/7/01 09:09 Analyst: BH
Result source: a:\29284.rr
Page: 2

	Component Name	Viol	Result	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 AD29284 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-12-2001 Time: 17:08:19

SULFUD DIOXIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE APPROXIMATE CONCENTRATION IS 0.69 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec07\29284.D

Vial: 7

Acq On : 7 Dec 2001 9:12 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : December 7, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 21:50 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	697279	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	605907	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	246298	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	471229	5.20	ug/L	0.02
Spiked Amount	5.000		Recovery	=	104.00%	
3) 4-BROMOFLUOROBENZENE	24.37	174	213663	4.27	ug/L	0.04
Spiked Amount	5.000		Recovery	=	85.40%	
25) TOLUENE-D8	18.48	98	870826	5.11	ug/L	0.04
Spiked Amount	5.000		Recovery	=	102.20%	
Target Compounds						Qvalue
7) BROMOMETHANE	6.58	94	1521	0.06	ug/L	92
10) Isopropyl Alcohol	8.12	45	3590	4.47	ug/L	72
12) ACETONE	8.29	43	40745	3.12	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	8355	0.62	ug/L	87

 (#) = qualifier out of range (m) = manual integration
 29284.D HP120301.M Fri Dec 07 21:50:38 2001

Page 1

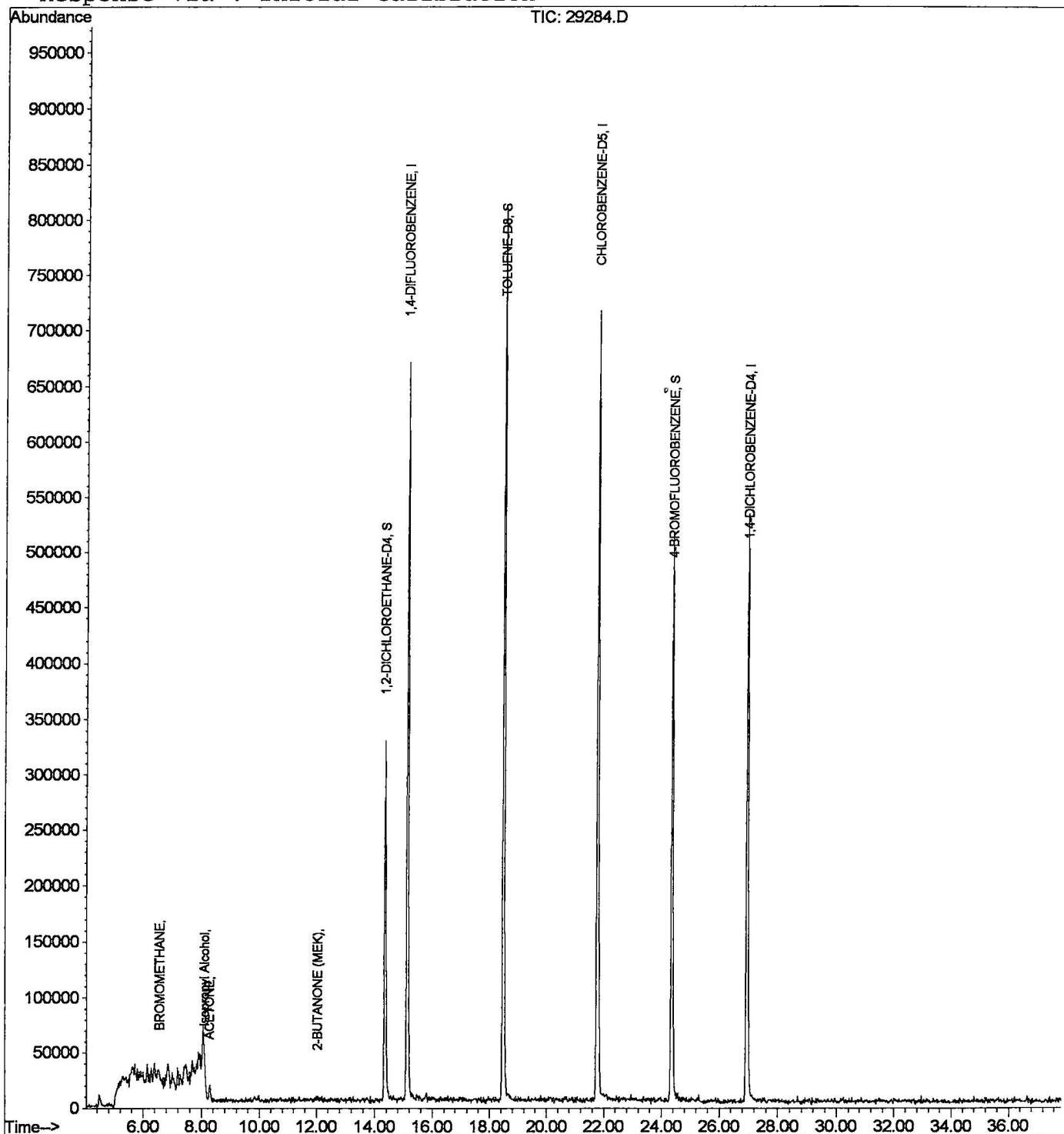
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\29284.D
Acq On : 7 Dec 2001 9:12 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 21:50 2001

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:12:18 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29284.D
 Acq On : 7 Dec 2001 9:12 pm
 Sample : nyc
 Misc : December 7, 2001
 MS Integration Params: LSCINT.P

Vial: 7
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Ethanesulfonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	0.36 ug/L	170450	1,4-DIFLUOROBENZENE	15.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanesulfonyl chloride	128	C2H5ClO2S	000594-44-5	56
2		2H-1,2,3-Thiadiazine, 2-(2,4-dinitr	438	C10H8Br2N4O4S	057954-51-5	33
3		Benzenediazonium, 2-hydroxy-, hydro	120	C6H4N2O	029906-36-3	28
4		Acetamide, N-methyl-N-[4-[4-fluoro-	226	C12H19FN2O	000000-00-0	12
5		Tetrazolo[1,5-b]pyridazine, 6-chlor	155	C4H2ClN5	021413-15-0	9

 Peak Number 2 Ethyl Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	0.69 ug/L	325148	1,4-DIFLUOROBENZENE	15.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethyl Chloride	64	C2H5Cl	000075-00-3	9
2		Sulfur	256	S8	007704-34-9	9
3		Sulfur dioxide	64	O2S	007446-09-5	7
4		Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	4
5		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	4

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:35:11

Sample: AD29285
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/7/01 09:11 Ended: 12/7/01 09:11 Analyst: BH
 Result source: a:\29285.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	.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		5.1	.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	<u>PV</u>
DATE	<u>12/12/01</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:35:11

Sample: AD29285
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/7/01 09:11 Ended: 12/7/01 09:11 Analyst: BH
Result source: a:\29285.rr
Page: 2

	Component Name	Viol	Result	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 AD29285 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-12-2001 Time: 17:08:41

SULFUD DIOXIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE APPROXIMATE CONCENTRATION IS 0.46 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec07\29285.D

Vial: 8

Acq On : 7 Dec 2001 9:55 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : December 7, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 22:33 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	695061	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	611071	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	260205	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	469170	5.19	ug/L	0.02
Spiked Amount	5.000		Recovery	=	103.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	217275	4.35	ug/L	0.02
Spiked Amount	5.000		Recovery	=	87.00%	
25) TOLUENE-D8	18.48	98	871723	5.08	ug/L	0.04
Spiked Amount	5.000		Recovery	=	101.60%	
Target Compounds						
7) BROMOMETHANE	6.63	94	1997	0.08	ug/L	59
11) 1,1,2-Trichloro-1,2,2-trif	7.86	101	2287	0.06	ug/L	91
12) ACETONE	8.27	43	19458	1.50	ug/L	91
18) 2-BUTANONE (MEK)	12.02	43	8520	0.63	ug/L	65
46) 2-HEXANONE	19.23	43	1224	0.09	ug/L	37

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

29285.D HP120301.M Fri Dec 07 22:33:36 2001

Page 1

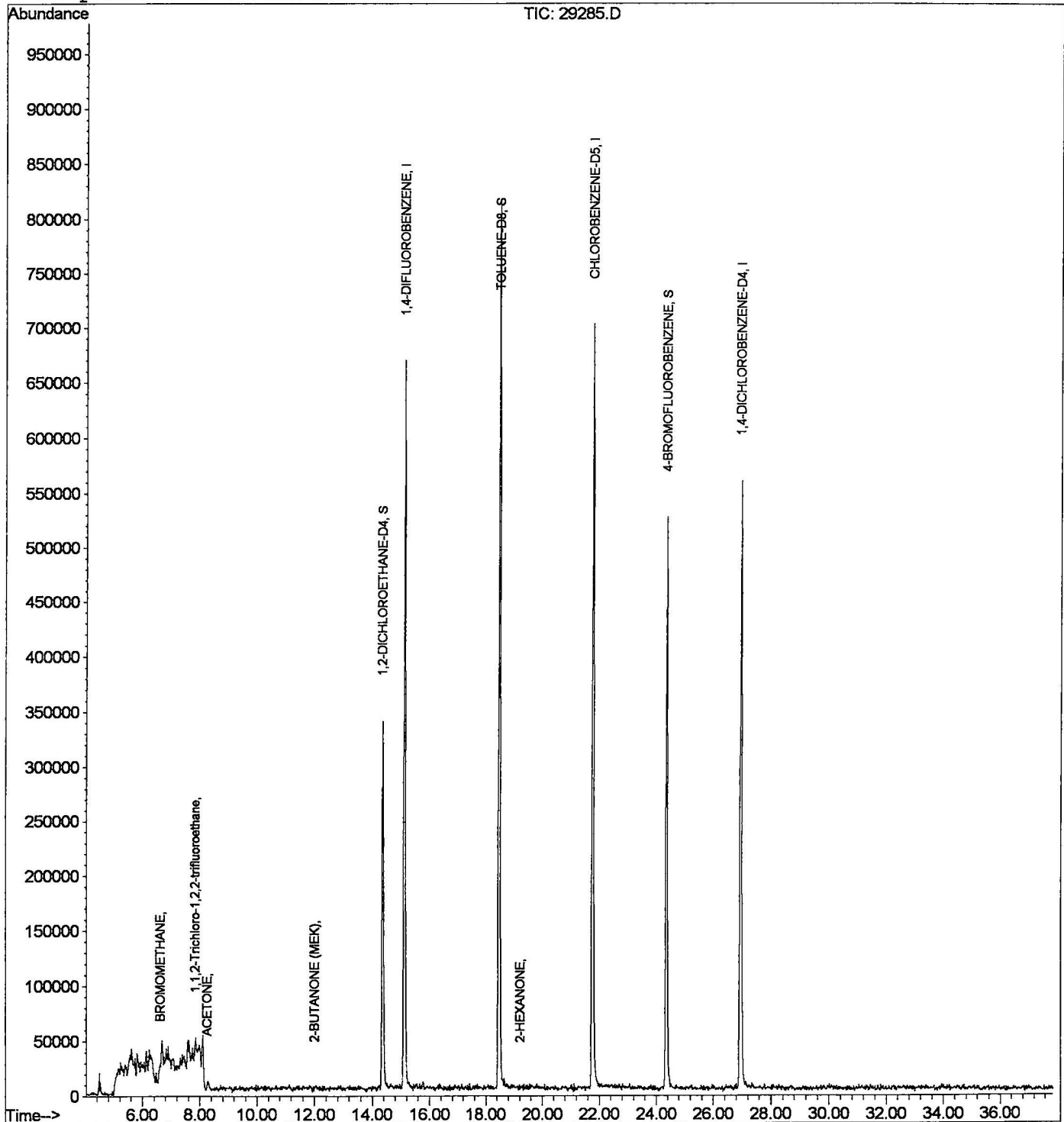
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\29285.D
Acq On : 7 Dec 2001 9:55 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 22:33 2001

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:12:18 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29285.D
Acq On : 7 Dec 2001 9:55 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P

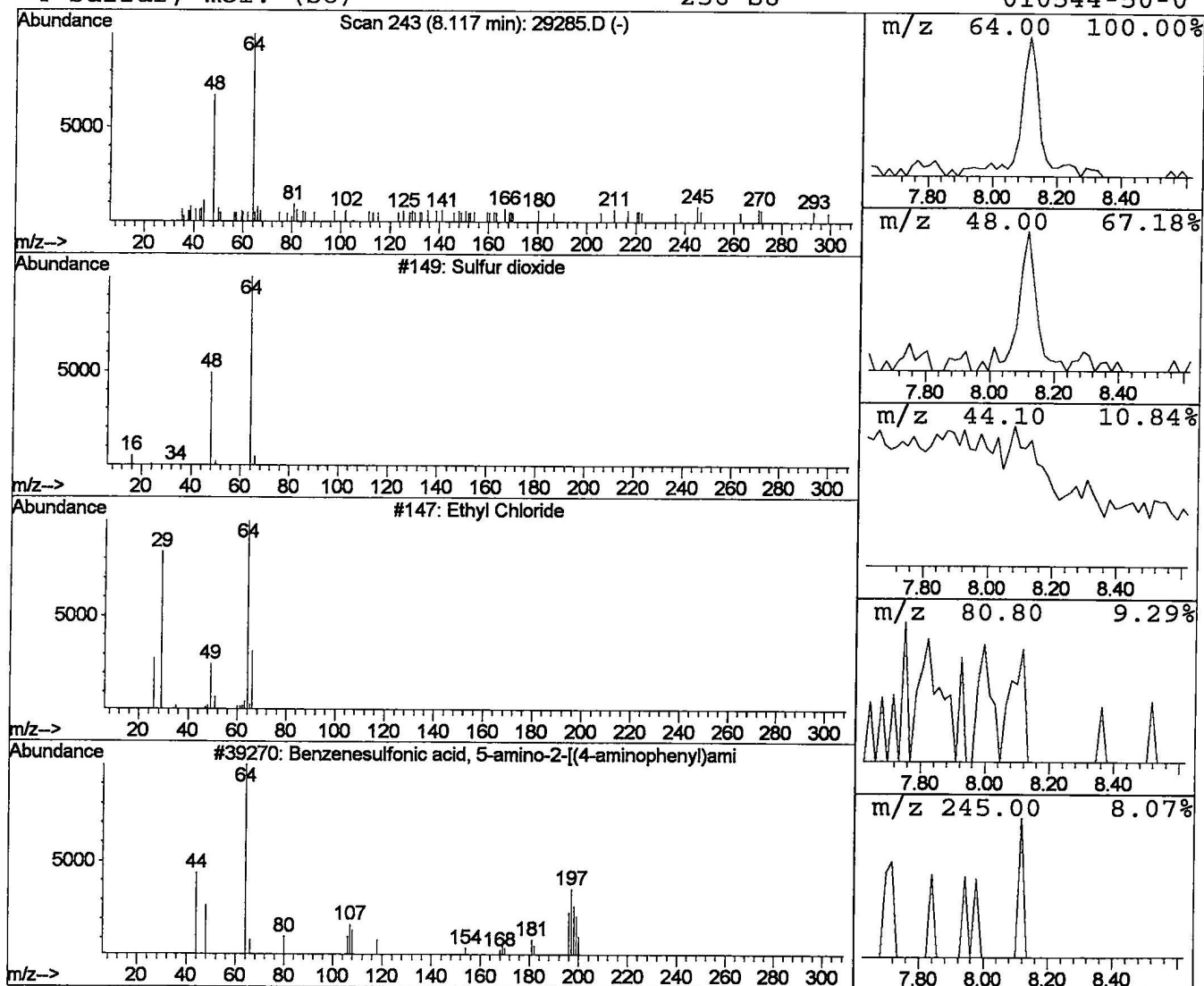
Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	0.46 ug/L	214611	1,4-DIFLUOROBENZENE	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	64
2		Ethyl Chloride	64	C2H5Cl	000075-00-3	50
3		Benzenesulfonic acid, 5-amino-2-[(4	279	C12H13N3O3S	000119-70-0	40
4		Sulfur, mol. (S8)	256	S8	010544-50-0	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29285.D
 Acq On : 7 Dec 2001 9:55 pm
 Sample : nyc
 Misc : December 7, 2001
 MS Integration Params: LSCINT.P

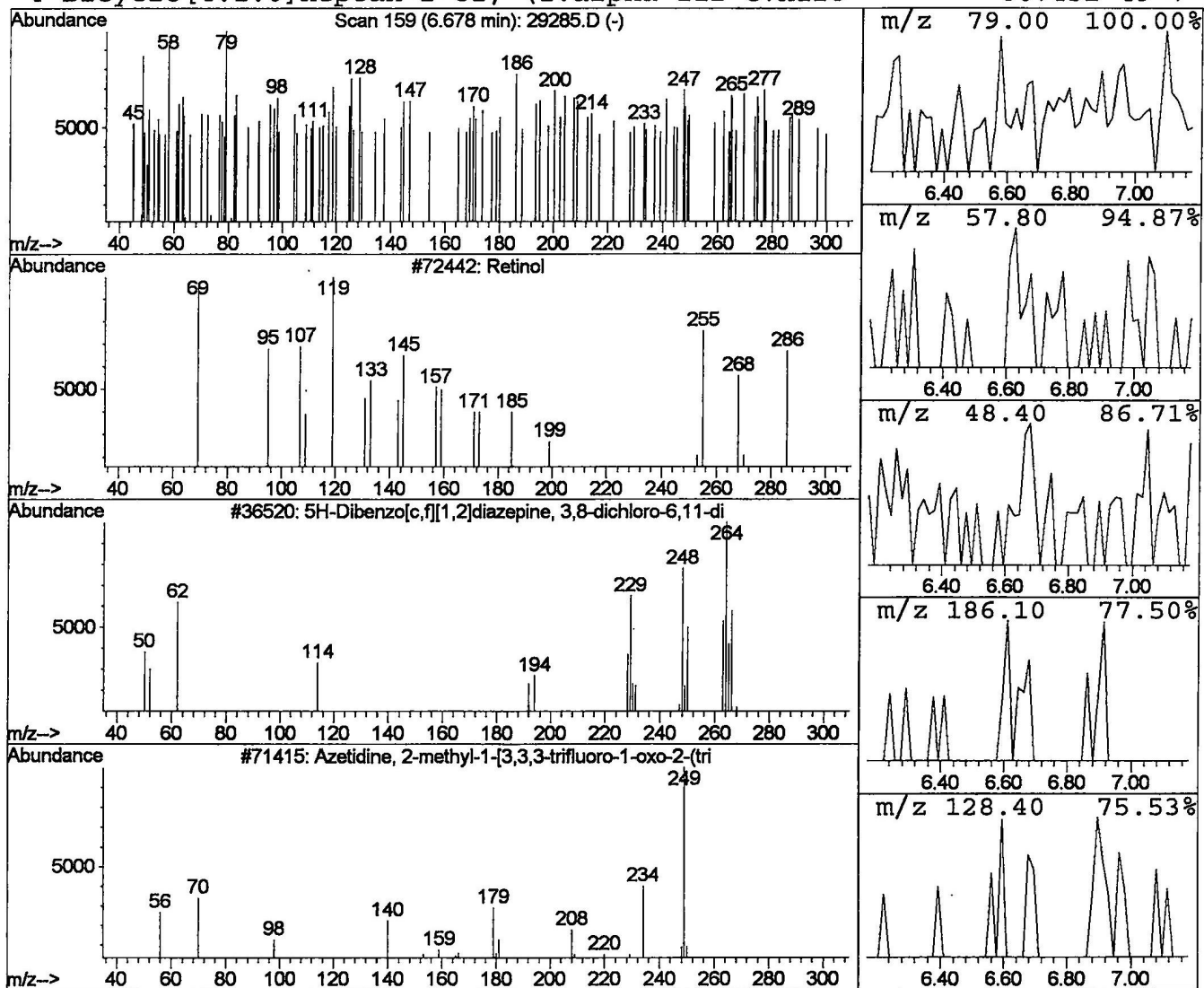
Vial: 8
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Retinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	0.51 ug/L	235015	1,4-DIFLUOROBENZENE	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retinol	286	C20H30O	000068-26-8	91
2		5H-Dibenzo[c,f][1,2]diazepine, 3,8-	264	C13H10Cl2N2	000955-66-8	90
3		Azetidine, 2-methyl-1-[3,3,3-triflu	249	C8H9F6NO	050837-79-1	90
4		Bicyclo[4.1.0]heptan-2-ol, (1.alpha	112	C7H12O	007432-49-7	90



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 11:35:38

Sample: AD29286
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/7/01 09:13 Ended: 12/7/01 09:13 Analyst: BH
 Result source: a:\29286.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	.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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:35:38

Sample: AD29286
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/7/01 09:13 Ended: 12/7/01 09:13 Analyst: BH
Result source: a:\29286.rr
Page: 2

	Component Name	Viol	Result	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 AD29286 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-12-2001 Time: 17:08:57

SULFUR DIOXIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE APPROXIMATE CONCENTRATION IS 0.22 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec07\29286.D

Vial: 9

Acq On : 7 Dec 2001 10:38 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : December 7, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 7 23:16 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 11:24:20 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	697321	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	585221	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	256635	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	474920	5.24	ug/L	0.02
Spiked Amount 5.000			Recovery	=	104.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	218095	4.36	ug/L	0.02
Spiked Amount 5.000			Recovery	=	87.20%	
25) TOLUENE-D8	18.48	98	859926	5.23	ug/L	0.04
Spiked Amount 5.000			Recovery	=	104.60%	
Target Compounds						
12) ACETONE	8.27	43	48033	3.68	ug/L	85
18) 2-BUTANONE (MEK)	12.04	43	7967	0.59	ug/L	65
46) 2-HEXANONE	19.23	43	1267	0.10	ug/L	43

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

29286.D HP120301.M Fri Dec 07 23:16:32 2001

Page 1

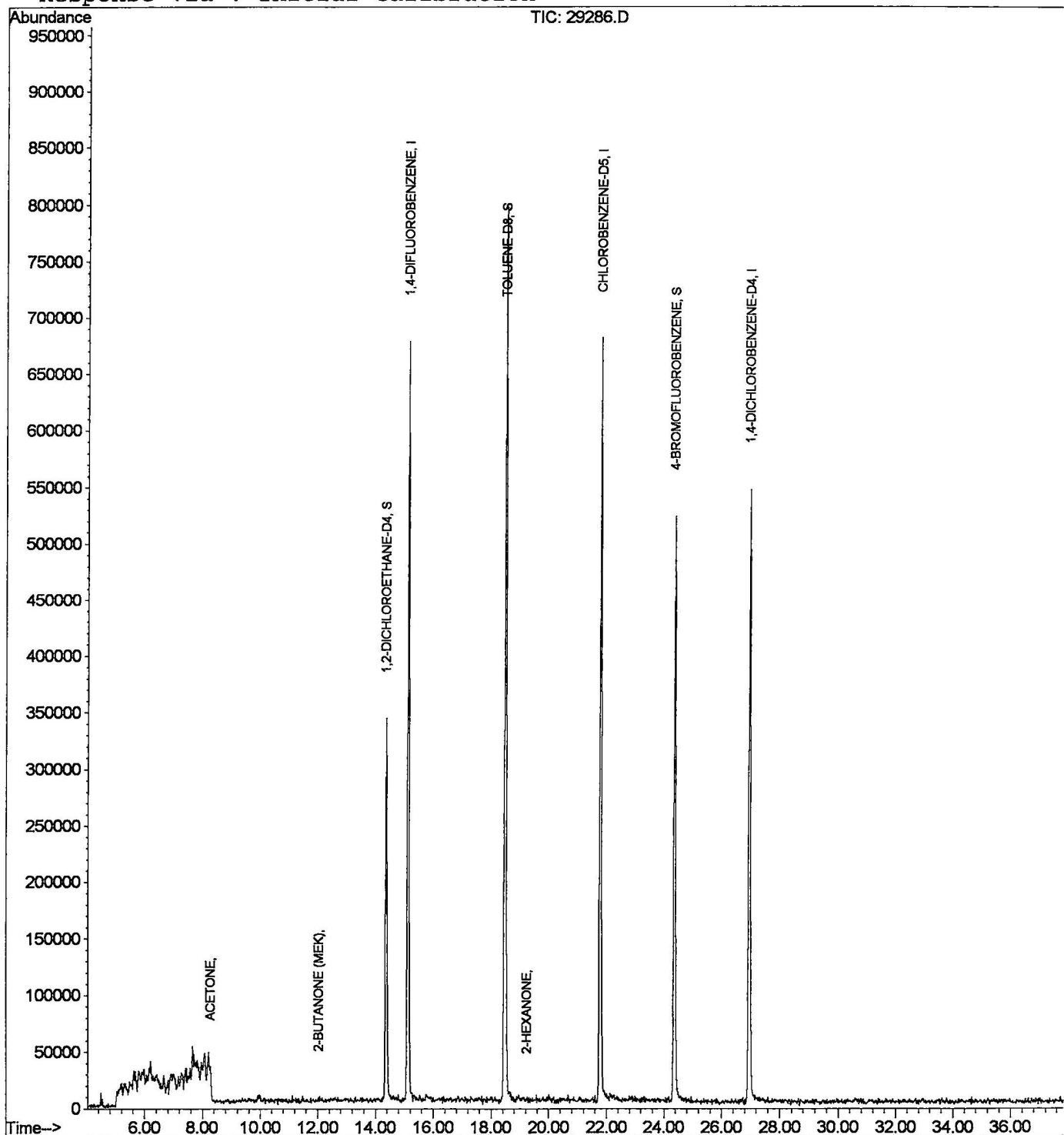
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec07\29286.D
Acq On : 7 Dec 2001 10:38 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 7 23:16 2001

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:12:18 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29286.D
Acq On : 7 Dec 2001 10:38 pm
Sample : nyc
Misc : December 7, 2001
MS Integration Params: LSCINT.P

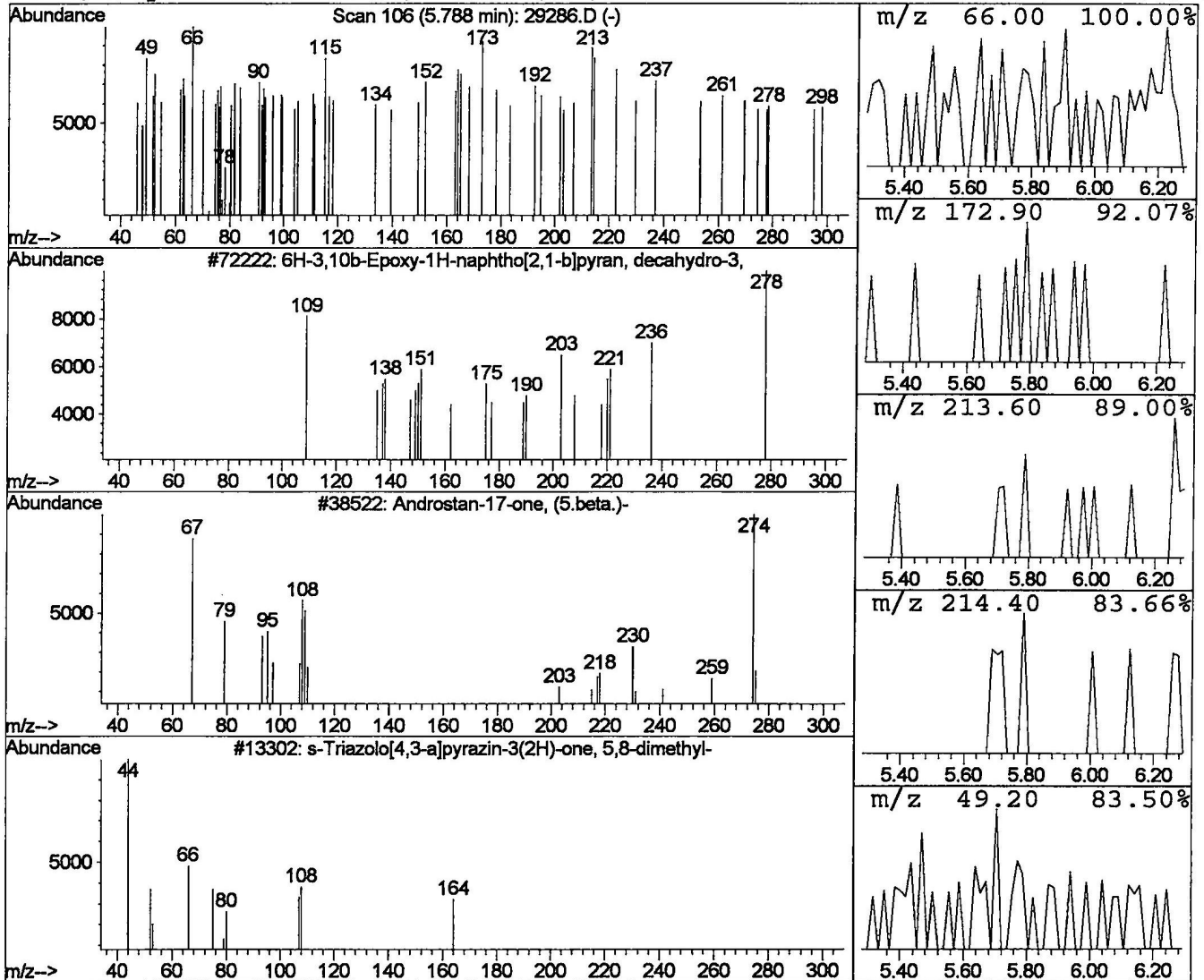
Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 6H-3,10b-Epoxy-1H-naphtho[2,1- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	0.22 ug/L	102424	1,4-DIFLUOROBENZENE	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-3,10b-Epoxy-1H-naphtho[2,1-b]pyr	278	C18H30O2	038419-69-1	90
2		Androstan-17-one, (5.beta.)-	274	C19H30O	001912-61-4	90
3		s-Triazolo[4,3-a]pyrazin-3(2H)-one,	164	C7H8N4O	019855-19-7	83
4		2,5-Cyclohexadiene-1,4-dione, 2,5-d	168	C8H8O4	002654-72-0	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC07\29286.D

Acq On : 7 Dec 2001 10:38 pm

Sample : nyc

Misc : December 7, 2001

MS Integration Params: LSCINT.P

Vial: 9

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 2 Tetrazolo[1,5-b]pyridazine, 6- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.22 ug/L	105078	1,4-DIFLUOROBENZENE	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrazolo[1,5-b]pyridazine, 6-chlor	155	C4H2ClN5	021413-15-0	25
2		1,2,4-Triazolo[4,3-b]pyridazine, 6-	154	C5H3ClN4	028593-24-0	25
3		1,3-Benzodioxol-2-one	136	C7H4O3	002171-74-6	9
4		Sulfur, mol. (S8)	256	S8	010544-50-0	9

