

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/14/2002 Time: 13:40:01

Sample: AE00248
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 1/14/02 00:08 Ended: 1/14/02 00:08 Analyst: BH
 Result source: a:\0114b1.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.3
2	Surr - 4-BROMOFLUOROBENZ		4.4
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		0.086
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		1.2
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)		0.22
16	2,2-DICHLOROPROPANE		< MDL
17	CIS-1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		0.053
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.2
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		0.061
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

Reviewed by,
 JB 3/7/02

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Started: 1/14/02 00:08 Ended: 1/14/02 00:08 Analyst: BH
Result source: a:\0114b1.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

Data File : C:\HPCHEM\1\DATA\02jan14\0114B1.D
 Acq On : 14 Jan 2002 8:30 am
 Sample : lab blank 1
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 9:09 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	717795	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	621627	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	276975	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	493737	5.30	ug/L	-0.10
Spiked Amount 5.000			Recovery	=	106.00%	
3) 4-BROMOFLUOROBENZENE	24.32	174	215166	4.42	ug/L	-0.10
Spiked Amount 5.000			Recovery	=	88.40%	
25) TOLUENE-D8	18.43	98	861192	5.20	ug/L	-0.10
Spiked Amount 5.000			Recovery	=	104.00%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.55	50	2989	0.09	ug/L	92
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	2432	0.06	ug/L	88
12) ACETONE	8.24	43	11504	1.24	ug/L	91
18) 2-BUTANONE (MEK)	11.99	43	6797	0.22	ug/L	65
21) CHLOROFORM	12.80	83	3731	0.05	ug/L	91
46) 2-HEXANONE	19.18	43	850	0.06	ug/L	36

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

0114B1.D HP010702.M Mon Jan 14 09:09:33 2002

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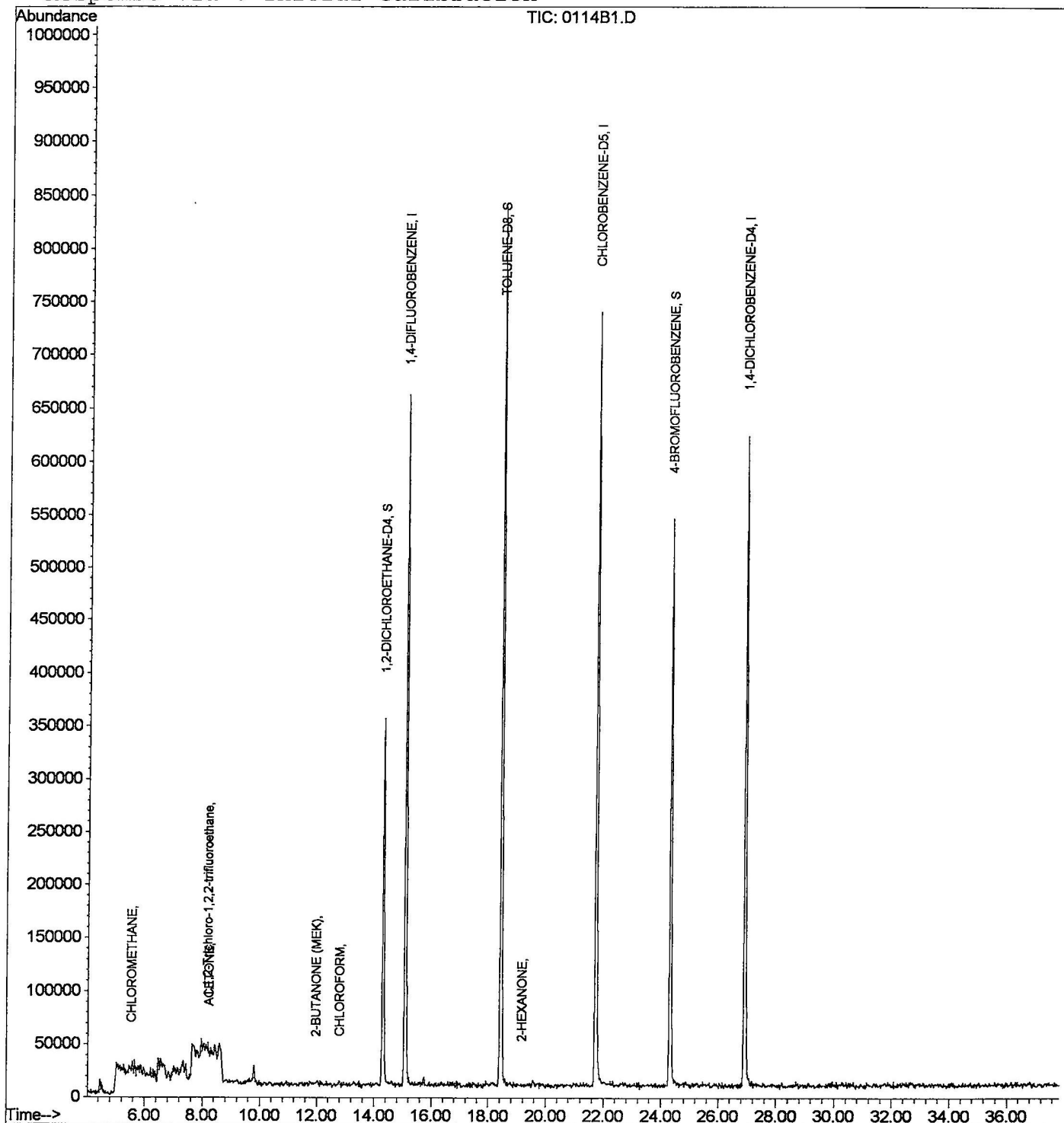
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\0114B1.D
Acq On : 14 Jan 2002 8:30 am
Sample : lab blank 1
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 9:09 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\0114B1.D

Acq On : 14 Jan 2002 8:30 am

Sample : lab blank 1

Misc : January 14, 2002

MS Integration Params: LSCINT.P

Vial: 1

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

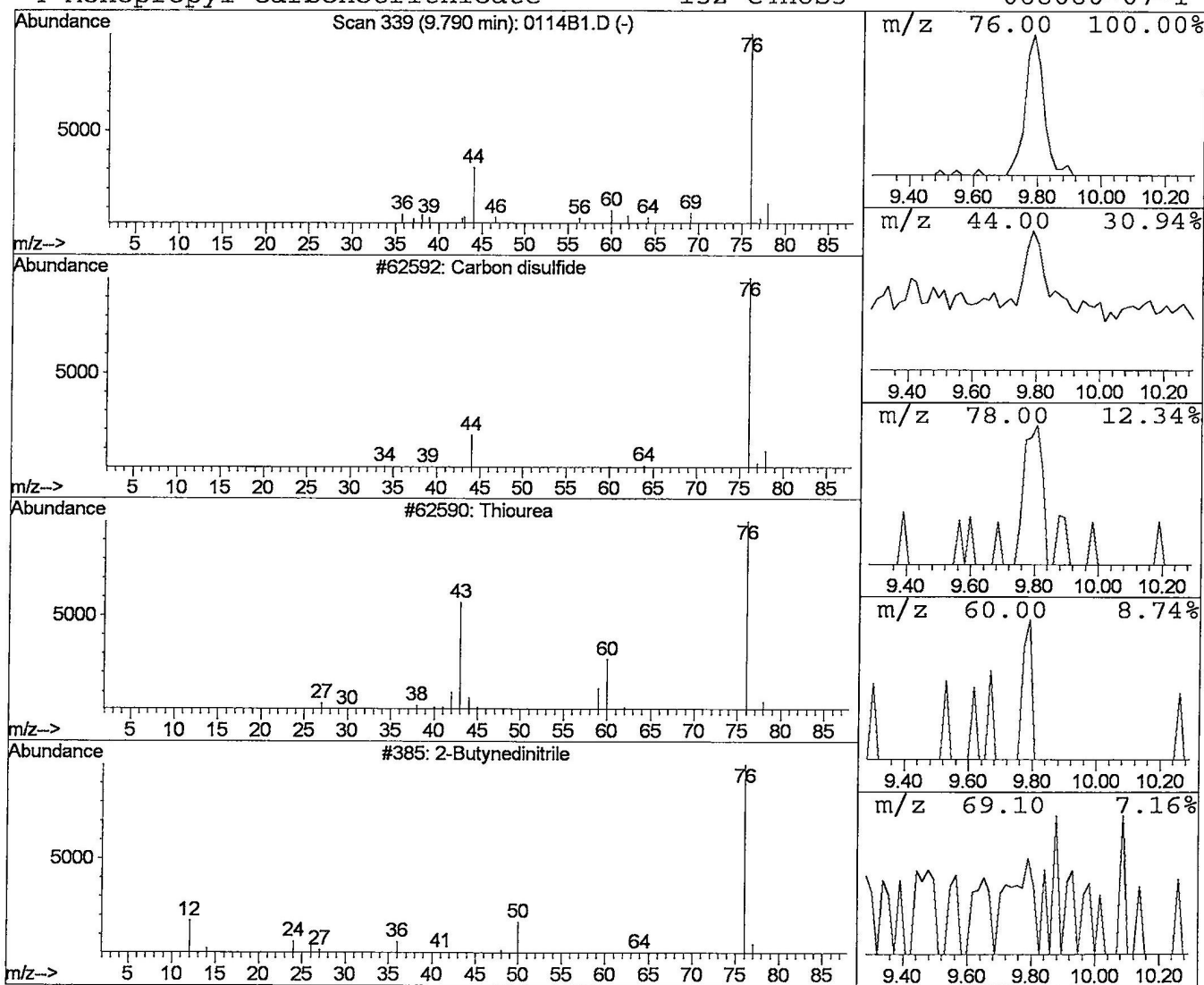
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Carbon disulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	0.11 ug/L	54460	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbon disulfide	76	CS2	000075-15-0	5
2			Thiourea	76	CH4N2S	000062-56-6	4
3			2-Butynedinitrile	76	C4N2	001071-98-3	4
4			Monopropyl carbonotrithioate	152	C4H8S3	068060-07-1	4



Library Search Compound Report

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Acq On : 14 Jan 2002 8:30 am
Sample : lab blank 1
Misc : January 14, 2002
MS Integration Params: LSCINT.P

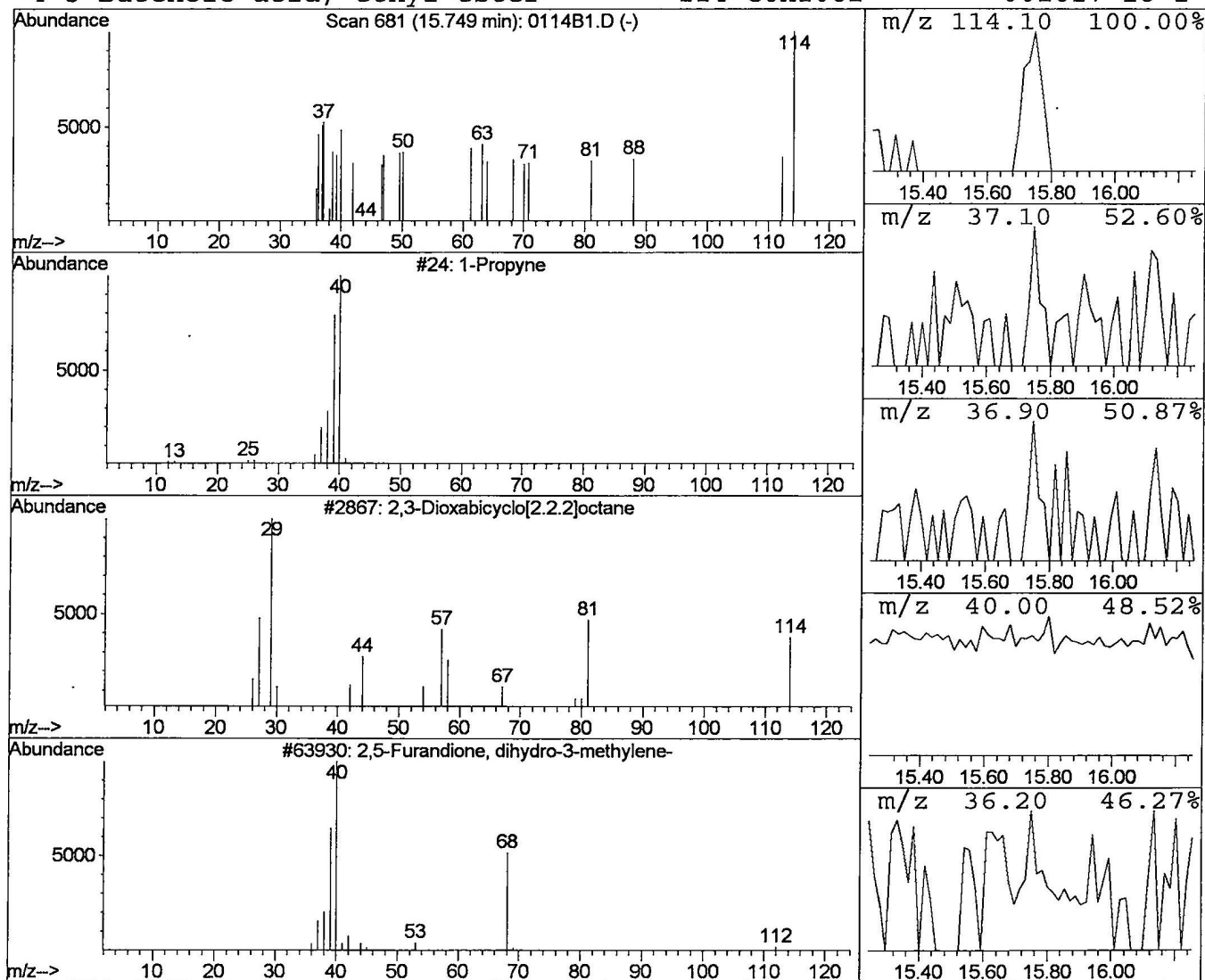
Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 1-Propyne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.05 ug/L	24670	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propyne	40	C3H4	000074-99-7	38
2			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3			2,5-Furandione, dihydro-3-methylene	112	C5H4O3	002170-03-8	4
4			3-Butenoic acid, ethyl ester	114	C6H10O2	001617-18-1	3



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 Date: 01/14/2002 Time: 13:42:30

Sample: AE00248
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 1/14/02 00:09 Ended: 1/14/02 00:09 Analyst: BH
 Result source: a:\0114c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.4		.5
2	Surr_4-BROMOFLUOROBENZE		5.0		.5
3					
4	Chloromethane		10		.5
5	Vinyl chloride		11		.5
6	Bromomethane		10		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		12		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		11		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		11		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		12		.5
23	Carbon tetrachloride		12		.5
24	Benzene		12		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		12		.5
29	Methyl iso-butyl ketone		11		1.0
30	cis-1,3-dichloropropene		12		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		12		.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		11		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		11		.5

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Sample: AE00248
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
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Result source: a:\0114c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		12		.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		11		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		10		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		200		5.0

Data File : C:\HPCHEM\1\DATA\02jan14\0114C10.D
 Acq On : 14 Jan 2002 9:14 am
 Sample : cal 10
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 9:52 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	766324	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.74	117	669779	5.00	ug/L	-0.11
52) 1,4-DICHLOROBENZENE-D4	26.92	152	345299	5.00	ug/L	-0.11

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.34	65	540562	5.43	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	108.60%	
3) 4-BROMOFLUOROBENZENE	24.34	174	260330	5.01	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	100.20%	
25) TOLUENE-D8	18.45	98	907289	5.08	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	101.60%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	481860	14.35	ug/L	98
5) CHLOROMETHANE	5.50	50	383691	10.29	ug/L	100
6) VINYL CHLORIDE	5.59	62	353683	11.48	ug/L	95
7) BROMOMETHANE	6.58	94	245716	10.09	ug/L	97
8) CHLOROETHANE	6.71	64	233280	10.81	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.28	101	688997	11.33	ug/L	99
10) Isopropyl Alcohol	7.87	45	868728	1048.50	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	455269	11.32	ug/L	95
12) ACETONE	8.24	43	108188	10.89	ug/L	99
13) 1,1-DICHLOROETHENE	8.60	61	701103	11.51	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	714809	10.13	ug/L	98
15) METHYL TERT BUTYL ETHER	9.91	73	440250	10.69	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.28	61	674442	11.18	ug/L	92
17) 1,1-DICHLOROETHANE	11.17	63	748838	11.31	ug/L	99
18) 2-BUTANONE (MEK)	12.00	43	139896	10.73	ug/L	98
19) 2,2-DICHLOROPROPANE	12.38	77	522064	11.26	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.47	96	383163	11.40	ug/L	97
21) CHLOROFORM	12.80	83	857507	11.33	ug/L	99
22) BROMOCHLOROMETHANE	13.19	49	424017	11.09	ug/L	93
23) 1,2-DICHLOROETHANE	14.53	62	706392	11.23	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.71	97	696710	11.41	ug/L	95
27) 1,1-DICHLOROPROPENE	14.02	75	563873	11.91	ug/L	99
28) CARBON TETRACHLORIDE	14.28	117	718234	11.70	ug/L	94
29) BENZENE	14.63	78	1452680	11.83	ug/L	99
30) TRICHLOROETHENE	15.90	95	432703	11.49	ug/L	97
31) 1,2-DICHLOROPROPANE	16.25	63	385626	10.94	ug/L	97
32) DIBROMOMETHANE	16.93	174	175190	11.24	ug/L	92
33) BROMODICHLOROMETHANE	16.78	83	599634	11.50	ug/L	96

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

0114C10.D HP010702.M Mon Jan 14 09:52:44 2002

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Data File : C:\HPCHEM\1\DATA\02jan14\0114C10.D
 Acq On : 14 Jan 2002 9:14 am
 Sample : cal 10
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 9:52 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	125888	11.36	ug/L	93
35) METHYL ISO-BUTYL KETONE	17.33	58	71393	10.54	ug/L	91
36) CIS-1,3-DICHLOROPROPENE	17.86	75	468061	11.64	ug/L	99
37) TOLUENE	18.62	91	1316945	11.16	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	351954	11.47	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.29	97	229947	11.22	ug/L	97
40) TETRACHLOROETHENE	20.07	166	366087	11.51	ug/L	98
41) 1,3-DICHLOROPROPANE	19.81	76	438546	11.05	ug/L	94
42) DIBROMOCHLOROMETHANE	20.50	129	320140	11.45	ug/L	100
43) 1,2-DIBROMOETHANE	20.96	107	229000	11.15	ug/L	92
44) CHLOROBENZENE	21.83	112	870612	10.96	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	329986	11.04	ug/L	96
46) 2-HEXANONE	19.18	43	157250	10.45	ug/L	99
47) ETHYLBENZENE	21.88	91	1647969	11.16	ug/L	99
48) P & M-XYLENE	22.04	106	1119038	22.82	ug/L	99
49) O-XYLENE	23.00	91	1330031	11.84	ug/L	99
50) STYRENE	23.07	104	829913	11.60	ug/L	97
51) 1,1,2,2-TETRACHLOROETHANE	24.08	83	254195	11.35	ug/L	95
53) BROMOFORM	23.92	173	148982	11.12	ug/L	96
54) ISOPROPYLBENZENE	23.73	105	1377189	11.60	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.41	110	82312	11.03	ug/L	95
56) N-PROPYLBENZENE	24.60	91	1885824	11.37	ug/L	100
57) BROMOBENZENE	24.84	156	342846	10.89	ug/L	97
58) 1,3,5-TRIMETHYLBENZENE	24.91	105	1267014	11.31	ug/L	98
59) 2-CHLOROTOLUENE	25.07	91	1404275	12.10	ug/L	96
60) 4-CHLOROTOLUENE	25.16	91	1078399	10.12	ug/L	100
61) TERT-BUTYLBENZENE	25.70	119	1089823	11.36	ug/L	98
62) 1,2,4-TRIMETHYLBENZENE	25.80	105	1307512	11.33	ug/L	98
63) SEC-BUTYLBENZENE	26.17	105	1482225	11.58	ug/L	98
64) P-ISOPROPYLTOLUENE	26.43	119	1097149	11.34	ug/L	97
65) 1,3-DICHLOROBENZENE	26.78	146	615215	11.06	ug/L	98
66) 1,4-DICHLOROBENZENE	27.00	146	643118	11.26	ug/L	98
67) N-BUTYLBENZENE	27.30	91	1241519	11.21	ug/L	98
68) 1,2-DICHLOROBENZENE	27.86	146	532057	10.86	ug/L	99
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	25271	10.47	ug/L	94
70) 1,2,4-TRICHLOROBENZENE	31.94	180	328850	11.07	ug/L	98
71) HEXACHLOROBUTADIENE	32.23	225	228835	10.90	ug/L	97
72) NAPHTHALENE	32.77	128	403525	10.31	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.49	180	279760	10.95	ug/L	95
74) NITROBENZENE	29.84	77	165732	198.94	ug/L	95

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

0114C10.D HP010702.M Mon Jan 14 09:52:46 2002

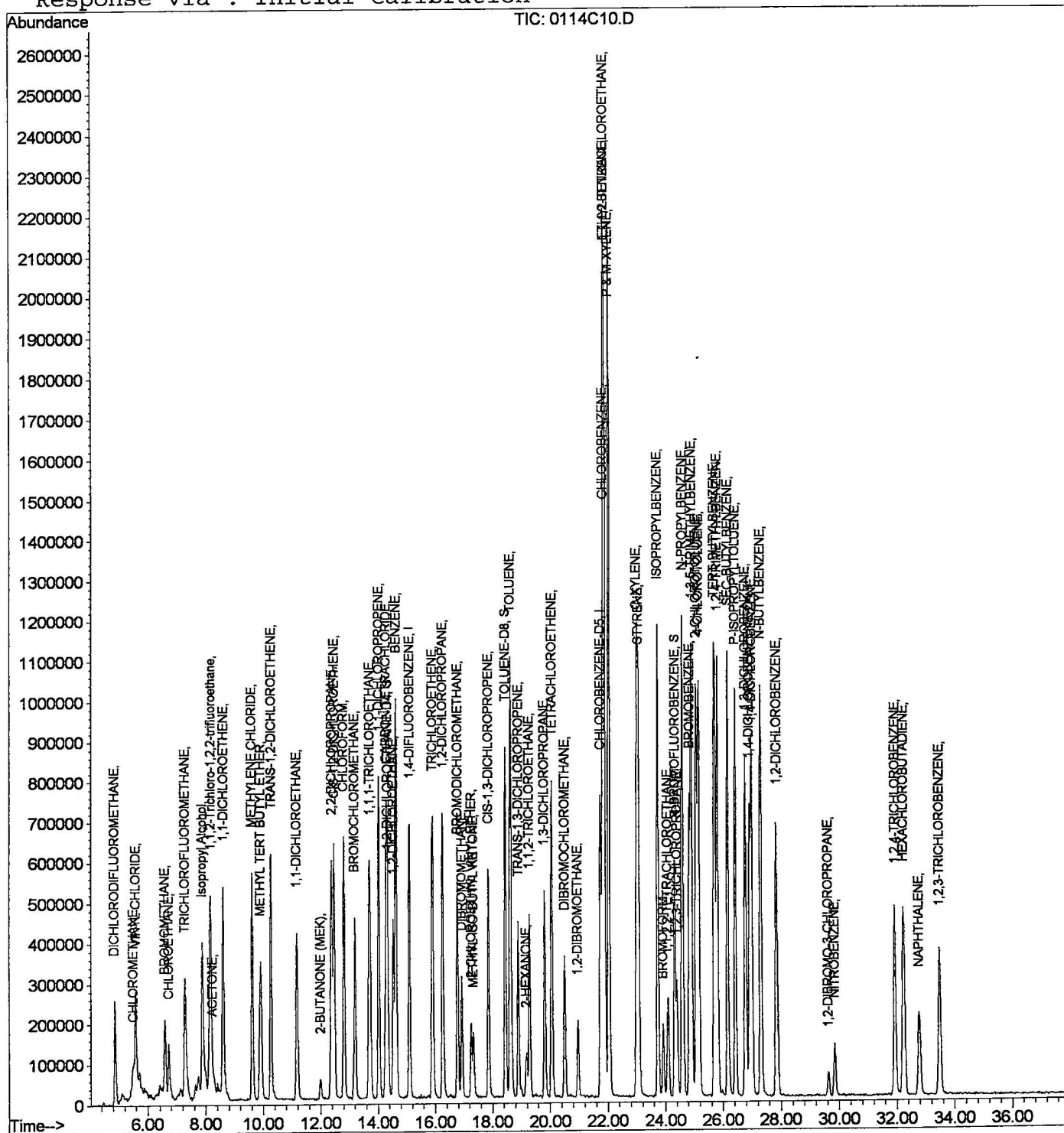
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Data File : C:\HPCHEM\1\DATA\02jan14\0114C10.D
Acq On : 14 Jan 2002 9:14 am
Sample : cal 10
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 9:52 2002

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

Quant Results File: HP010702.RES

```
Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update  : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/14/2002 Time: 13:45:00

Sample: AE00248
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 1/14/02 00:09 Ended: 1/14/02 00:09 Analyst: BH
 Result source: a:\0114r40.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.3		
2	4-BROMOFLUOROBENZENE		5.1		
3	DICHLORODIFLUOROMETHAN		46		.5
4	CHLOROMETHANE		37		.5
5	VINYL CHLORIDE		37		.5
6	BROMOMETHANE		38		.5
7	CHLOROETHANE		37		.5
8	TRICHLOROFLUOROMETHAN		40		.5
9	ACETONE		36		.5
10	1,1-DICHLOROETHENE		37		.5
11	METHYLENE CHLORIDE		32		.5
12	METHYL TERT BUTYL ETHER		37		1
13	TRANS-1,2-DICHLOROETHEN		39		.5
14	1,1-DICHLOROETHANE		38		.5
15	2-BUTANONE (MEK)		38		.5
16	2,2-DICHLOROPROPANE		42		.5
17	CIS-1,2-DICHLOROETHENE		41		.5
18	CHLOROFORM		39		.5
19	BROMOCHLOROMETHANE		37		.5
20	1,2-DICHLOROETHANE		38		.5
21	TOLUENE-D8		5.2		
22	1,1,1-TRICHLOROETHANE		41		.5
23	1,1-DICHLOROPROPENE		45		.5
24	CARBON TETRACHLORIDE		42		.5
25	BENZENE		41		.5
26	TRICHLOROETHENE		43		.5
27	1,2-DICHLOROPROPANE		41		.5
28	DIBROMOMETHANE		41		.5
29	BROMODICHLOROMETHANE		43		.5
30	2-CHLOROETHYL VINYL ETHE		48		.5
31	METHYL ISO-BUTYL KETONE		39		1
32	CIS-1,3-DICHLOROPROPENE		48		.5
33	TOLUENE		41		.5
34	TRANS-1,3-DICHLOROPROPE		53		.5
35	1,1,2-TRICHLOROETHANE		41		.5
36	TETRACHLOROETHENE		42		.5
37	1,3-DICHLOROPROPANE		42		.5
38	DIBROMOCHLOROMETHANE		46		2
39	1,2-DIBROMOETHANE		44		.5
40	CHLOROBENZENE		40		.5
41	1,1,1,2-TETRACHLOROETHA		43		.5
42	2-HEXANONE		42		.5
43	ETHYLBENZENE		41		.5
44	P & M-XYLENE		84		.5
45	O-XYLENE		45		.5
46	STYRENE		46		.5
47	1,1,2,2-TETRACHLOROETHA		42		.5
48	BROMOFORM		46		2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/14/2002 Time: 13:45:00

Sample: AE00248
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 1/14/02 00:09 Ended: 1/14/02 00:09 Analyst: BH
 Result source: a:\0114r40.rr
 Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		44		.5
50	1,2,3-TRICHLOROPROPANE		40		.5
51	N-PROPYLBENZENE		42		.5
52	BROMOBENZENE		41		.5
53	1,3,5-TRIMETHYLBENZENE		44		.5
54	2-CHLOROTOLUENE		41		.5
55	4-CHLOROTOLUENE		40		.5
56	TERT-BUTYLBENZENE		44		.5
57	1,2,4-TRIMETHYLBENZENE		43		.5
58	SEC-BUTYLBENZENE		44		.5
59	P-ISOPROPYLTOLUENE		46		.5
60	1,3-DICHLOROBENZENE		41		.5
61	1,4-DICHLOROBENZENE		40		.5
62	N-BUTYLBENZENE		44		.5
63	1,2-DICHLOROBENZENE		42		.5
64	1,2-DIBROMO-3-CHLOROPRO		47		.5
65	1,2,4-TRICHLOROBENZENE		47		.5
66	HEXACHLOROBUTADIENE		44		.5
67	NAPHTHALENE		48		.5
68	1,2,3-TRICHLOROBENZENE		45		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		1000		5.0

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/17/2002 Time: 16:10:07

Sample: AE00248
 Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 01/14/02 13:47 Ended: 01/14/02 13:47 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.3	.5
2	Surr - 4-BROMOFLUOROBENZE		5.1	.5
3	Dichlorodifluoromethane		115	.5
4	Chloromethane		92.5	.5
5	Vinyl chloride		92.5	.5
6	Bromomethane		95	.5
7	Chloroethane		92.5	.5
8	Trichlorofluoromethane		100	.5
9	1,1-Dichloroethene		92.5	.5
10	Methylene Chloride		80	.5
11	Methyl tert butyl ether		92.5	1.0
12	trans-1,2-dichloroethene		97.5	.5
13	1,1-dichloroethane		95	.5
14	2-butanone (MEK)		95	2.0
15	2,2-dichloropropane		105	.5
16	cis-1,2-dichloroethene		102.5	.5
17	Chloroform		97.5	.5
18	Bromochloromethane		92.5	.5
19	1,2-dichloroethane		95	.5
20	Surr - TOLUENE-D8		5.2	.5
21	1,1,1-trichloroethane		102.5	.5
22	1,1-dichloropropene		112.5	.5
23	Carbon tetrachloride		105	.5
24	Benzene		102.5	.5
25	Trichloroethene		107.5	.5
26	1,2-dichloropropane		102.5	.5
27	Dibromomethane		102.5	.5
28	Bromodichloromethane		107.5	.5
29	Methyl iso-butyl ketone		97.5	1.0
30	cis-1,3-dichloropropene		120	.5
31	Toluene		102.5	.5
32	trans-1,3-dichloropropene		130	.5
33	1,1,2-trichloroethane		102.5	.5
34	Tetrachloroethene		105	.5
35	1,3-dichloropropane		105	.5
36	Dibromochloromethane		115	2.0
37	Chlorobenzene		100	.5
38	1,1,1,2-tetrachloroethane		107.5	.5
39	Ethylbenzene		102.5	.5
40	P & M-xylene		105	.5
41	O-xylene		112.5	.5
42	Styrene		115	.5
43	1,1,2,2-tetrachloroethane		105	.5
44	Bromoform		115	2.0
45	Isopropylbenzene		110	.5
46	1,2,3-trichloropropane		100	.5
47	N-propylbenzene		105	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/17/2002 Time: 16:10:07

Sample: AE00248
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 01/14/02 13:47 Ended: 01/14/02 13:47 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		102.5	.5
49	1,3,5-trimethylbenzene		110	.5
50	2-chlorotoluene		102.5	.5
51	4-chlorotoluene		100	.5
52	TERT-butylbenzene		110	.5
53	1,2,4-trimethylbenzene		107.5	.5
54	SEC-butylbenzene		110	.5
55	P-isopropyltoluene		115	.5
56	1,3-dichlorobenzene		102.5	.5
57	1,4-dichlorobenzene		100	.5
58	N-butylbenzene		110	.5
59	1,2-dichlorobenzene		105	.5
60	1,2,4-trichlorobenzene		117.5	.5
61	Hexachlorobutadiene		110	.5
62	Naphthalene		120	.5
63	1,2,3-trichlorobenzene		112.5	.5
64	Ethanol		< MDL	
65	Nitrobenzene		125	5.0

Data File : C:\HPCHEM\1\DATA\02jan14\0114R40.D
 Acq On : 14 Jan 2002 9:57 am
 Sample : ref 40
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 10:35 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	805582	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.76	117	693090	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.93	152	355475	5.00	ug/L	-0.09

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.34	65	549622	5.26	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	105.20%	
3) 4-BROMOFLUOROBENZENE	24.34	174	279204	5.12	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	102.40%	
25) TOLUENE-D8	18.45	98	954318	5.17	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	103.40%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	1638447	46.41	ug/L	99
5) CHLOROMETHANE	5.49	50	1452403	37.04	ug/L	98
6) VINYL CHLORIDE	5.57	62	1196591	36.95	ug/L	95
7) BROMOMETHANE	6.58	94	973343	38.01	ug/L	99
8) CHLOROETHANE	6.71	64	848948	37.42	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.27	101	2551181	39.90	ug/L	98
10) Isopropyl Alcohol	7.87	45	6863	7.88	ug/L	80
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	6102	0.14	ug/L	91
12) ACETONE	8.26	43	380840	36.46	ug/L	100
13) 1,1-DICHLOROETHENE	8.60	61	2397674	37.45	ug/L	99
14) METHYLENE CHLORIDE	9.61	49	2406106	32.45	ug/L	98
15) METHYL TERT BUTYL ETHER	9.91	73	1621830	37.46	ug/L	100
16) TRANS-1,2-DICHLOROETHENE	10.28	61	2472069	38.99	ug/L	97
17) 1,1-DICHLOROETHANE	11.17	63	2660036	38.21	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	515106	38.48	ug/L	97
19) 2,2-DICHLOROPROPANE	12.38	77	2059504	42.26	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.47	96	1450130	41.03	ug/L	97
21) CHLOROFORM	12.82	83	3075716	38.64	ug/L	99
22) BROMOCHLOROMETHANE	13.19	49	1499694	37.33	ug/L	94
23) 1,2-DICHLOROETHANE	14.55	62	2543898	38.48	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.71	97	2620537	41.47	ug/L	99
27) 1,1-DICHLOROPROPENE	14.02	75	2223642	45.41	ug/L	98
28) CARBON TETRACHLORIDE	14.28	117	2643169	41.61	ug/L	97
29) BENZENE	14.63	78	5258366	41.39	ug/L	99
30) TRICHLOROETHENE	15.90	95	1682683	43.19	ug/L	97
31) 1,2-DICHLOROPROPANE	16.27	63	1488097	40.79	ug/L	96
32) DIBROMOMETHANE	16.93	174	657600	40.78	ug/L	96
33) BROMODICHLOROMETHANE	16.78	83	2322565	43.06	ug/L	98

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

0114R40.D HP010702.M Mon Jan 14 10:35:55 2002

Page 1

Data File : C:\HPCHEM\1\DATA\02jan14\0114R40.D

Vial: 3

Acq On : 14 Jan 2002 9:57 am

Operator: 201-wb

Sample : ref 40

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 14 10:35 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	546820	47.67	ug/L	95
35) METHYL ISO-BUTYL KETONE	17.33	58	272912	38.92	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.87	75	2006020	48.19	ug/L	98
37) TOLUENE	18.64	91	5039980	41.26	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	1680272	52.94	ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.28	97	865212	40.78	ug/L	97
40) TETRACHLOROETHENE	20.07	166	1395216	42.41	ug/L	98
41) 1,3-DICHLOROPROPANE	19.83	76	1715644	41.77	ug/L	99
42) DIBROMOCHLOROMETHANE	20.50	129	1319299	45.60	ug/L	99
43) 1,2-DIBROMOETHANE	20.96	107	940830	44.26	ug/L	99
44) CHLOROBENZENE	21.85	112	3271796	39.82	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	1335249	43.18	ug/L	98
46) 2-HEXANONE	19.18	43	655193	42.08	ug/L	99
47) ETHYLBENZENE	21.88	91	6279859	41.10	ug/L	99
48) P & M-XYLENE	22.04	106	4269747	84.15	ug/L	97
49) O-XYLENE	23.01	91	5235073	45.05	ug/L	100
50) STYRENE	23.07	104	3377719	45.61	ug/L	98
51) 1,1,2,2-TETRACHLOROETHANE	24.09	83	976558	42.14	ug/L	96
53) BROMOFORM	23.94	173	631888	45.82	ug/L	98
54) ISOPROPYLBENZENE	23.73	105	5396168	44.14	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.43	110	306968	39.97	ug/L	97
56) N-PROPYLBENZENE	24.60	91	7144412	41.86	ug/L	99
57) BROMOBENZENE	24.84	156	1329155	41.01	ug/L	98
58) 1,3,5-TRIMETHYLBENZENE	24.91	105	5052596	43.82	ug/L	100
59) 2-CHLOROTOLUENE	25.09	91	4875966	40.83	ug/L	99
60) 4-CHLOROTOLUENE	25.16	91	4419029	40.26	ug/L	99
61) TERT-BUTYLBENZENE	25.71	119	4326615	43.82	ug/L	97
62) 1,2,4-TRIMETHYLBENZENE	25.80	105	5066016	42.65	ug/L	98
63) SEC-BUTYLBENZENE	26.17	105	5761893	43.74	ug/L	98
64) P-ISOPROPYLTOLUENE	26.43	119	4578071	45.98	ug/L	97
65) 1,3-DICHLOROBENZENE	26.79	146	2359204	41.20	ug/L	97
66) 1,4-DICHLOROBENZENE	27.00	146	2378642	40.47	ug/L	96
67) N-BUTYLBENZENE	27.32	91	5003439	43.88	ug/L	99
68) 1,2-DICHLOROBENZENE	27.86	146	2095077	41.54	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	116396	46.84	ug/L	94
70) 1,2,4-TRICHLOROBENZENE	31.94	180	1435441	46.95	ug/L	96
71) HEXACHLOROBUTADIENE	32.25	225	948354	43.86	ug/L	97
72) NAPHTHALENE	32.77	128	1923567	47.73	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.49	180	1174270	44.66	ug/L	95
74) NITROBENZENE	29.84	77	886713	1033.93	ug/L	97

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

0114R40.D HP010702.M Mon Jan 14 10:35:58 2002

Page 2

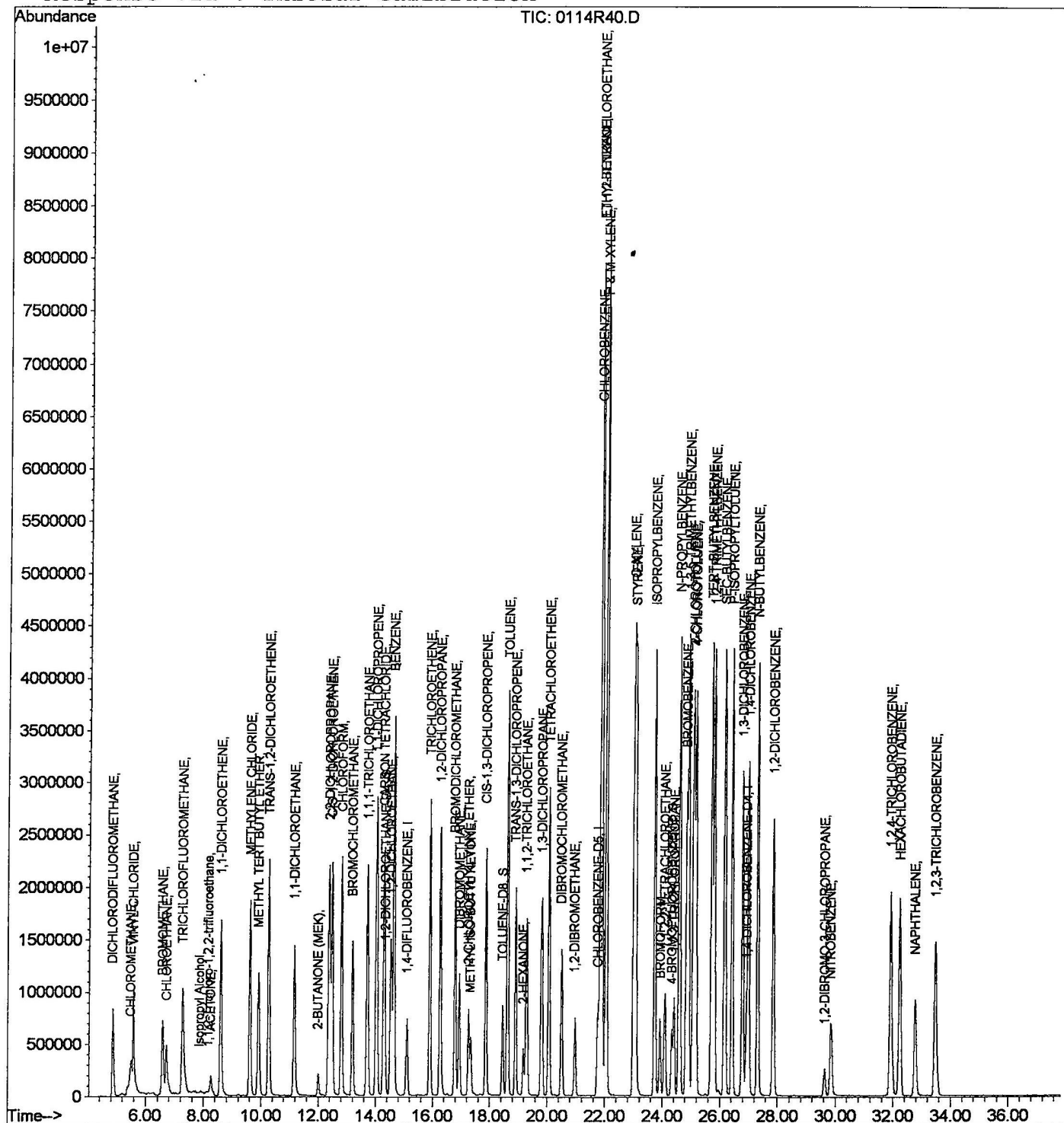
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\0114R40.D
Acq On : 14 Jan 2002 9:57 am
Sample : ref 40
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 10:35 2002

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

Quant Results File: HP010702.RES

```
Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Thu Jan 10 08:57:29 2002
Response via  : Initial Calibration
```



Data File : C:\HPCHEM\1\DATA\02jan14\0114B2.D
Acq On : 14 Jan 2002 10:40 am
Sample :
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 11:19 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	729057	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.76	117	615352	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.93	152	276905	5.00	ug/L	-0.09

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.34	65	472179	4.99	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	99.80%	
3) 4-BROMOFLUOROBENZENE	24.34	174	224134	4.54	ug/L	-0.09
Spiked Amount	5.000		Recovery	=	90.80%	
25) TOLUENE-D8	18.47	98	864382	5.27	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	105.40%	

Target Compounds

					Qvalue
7) BROMOMETHANE	6.48	94	1948	0.08 ug/L	99
10) Isopropyl Alcohol	7.96	45	2152	2.73 ug/L	100
12) ACETONE	8.24	43	8555	0.90 ug/L	52
18) 2-BUTANONE (MEK)	12.00	43	9048	0.40 ug/L	65
21) CHLOROFORM	12.82	83	3723	0.05 ug/L	90
46) 2-HEXANONE	19.15	43	1515	0.11 ug/L	36
67) N-BUTYLBENZENE	27.34	91	6167	0.07 ug/L	88
70) 1,2,4-TRICHLOROBENZENE	31.94	180	6468	0.27 ug/L	82
71) HEXACHLOROBUTADIENE	32.23	225	7273	0.43 ug/L	91
72) NAPHTHALENE	32.81	128	18037	0.57 ug/L	95
73) 1,2,3-TRICHLOROBENZENE	33.49	180	9479	0.46 ug/L	80
74) NITROBENZENE	29.88	77	9594	14.36 ug/L	98

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

0114B2.D HP010702.M Mon Jan 14 11:19:10 2002

Page 1

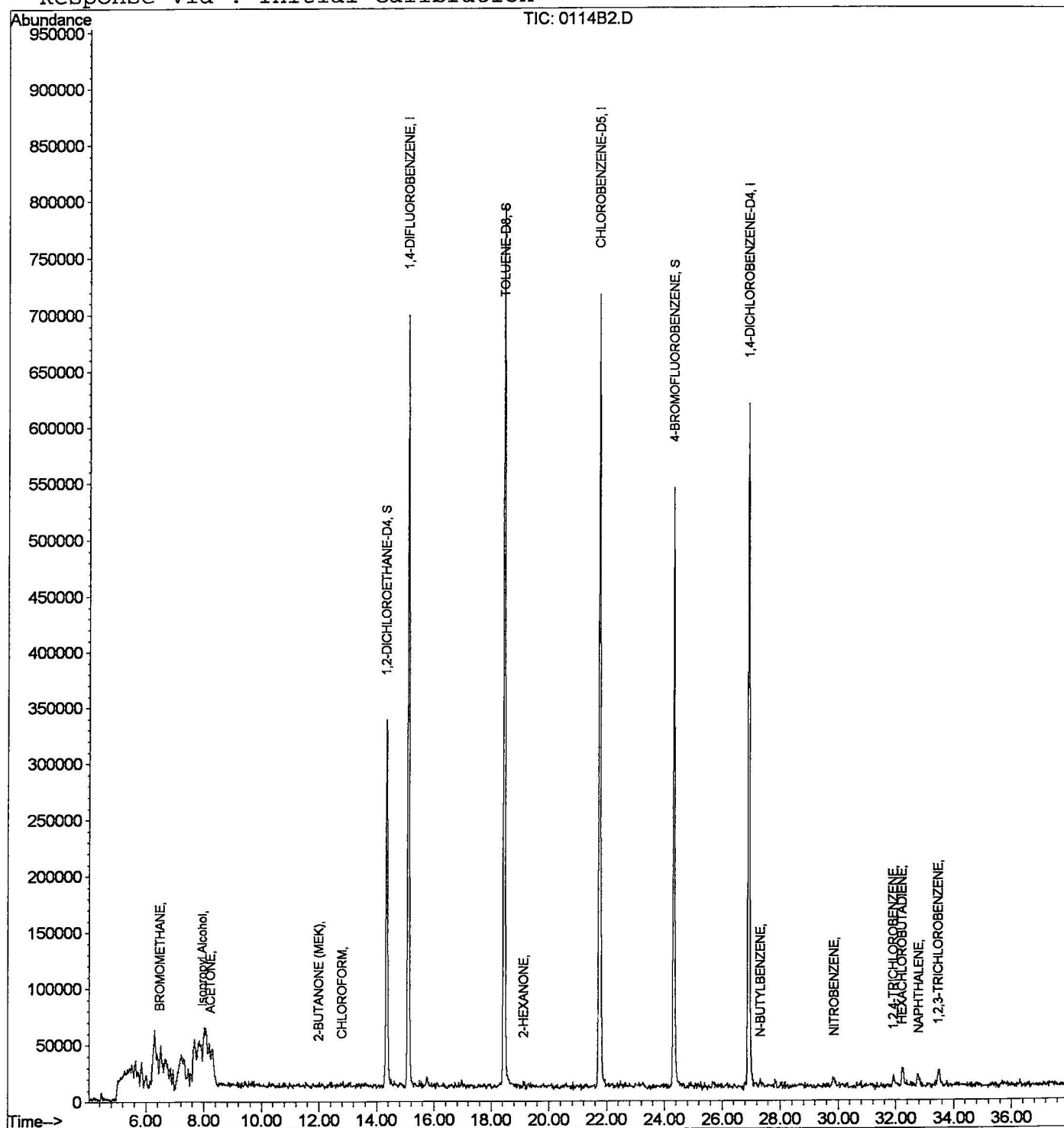
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\0114B2.D
Acq On : 14 Jan 2002 10:40 am
Sample :
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 11:19 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/14/2002 Time: 13:51:05

Sample: AE00248
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
 Result source: a:\00248.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY	<i>SV</i>
DATE	<i>1/17/02</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/14/2002 Time: 13:51:05

Sample: AE00248
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
Result source: a:\00248.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02jan14\00248.D
Acq On : 14 Jan 2002 12:06 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 12:45 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	682562	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.76	117	581282	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.95	152	248981	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	449023	5.07	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	101.40%	
3) 4-BROMOFLUOROBENZENE	24.35	174	202145	4.37	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	87.40%	
25) TOLUENE-D8	18.47	98	806036	5.20	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	104.00%	
Target Compounds						
5) CHLOROMETHANE	5.45	50	1733	0.05	ug/L	98
10) Isopropyl Alcohol	8.05	45	3278	4.44	ug/L	92
12) ACETONE	8.27	43	24402	2.76	ug/L	78
18) 2-BUTANONE (MEK)	12.02	43	7156	0.28	ug/L	75

Not in blank

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

00248.D HP010702.M Mon Jan 14 12:45:19 2002

Page 1

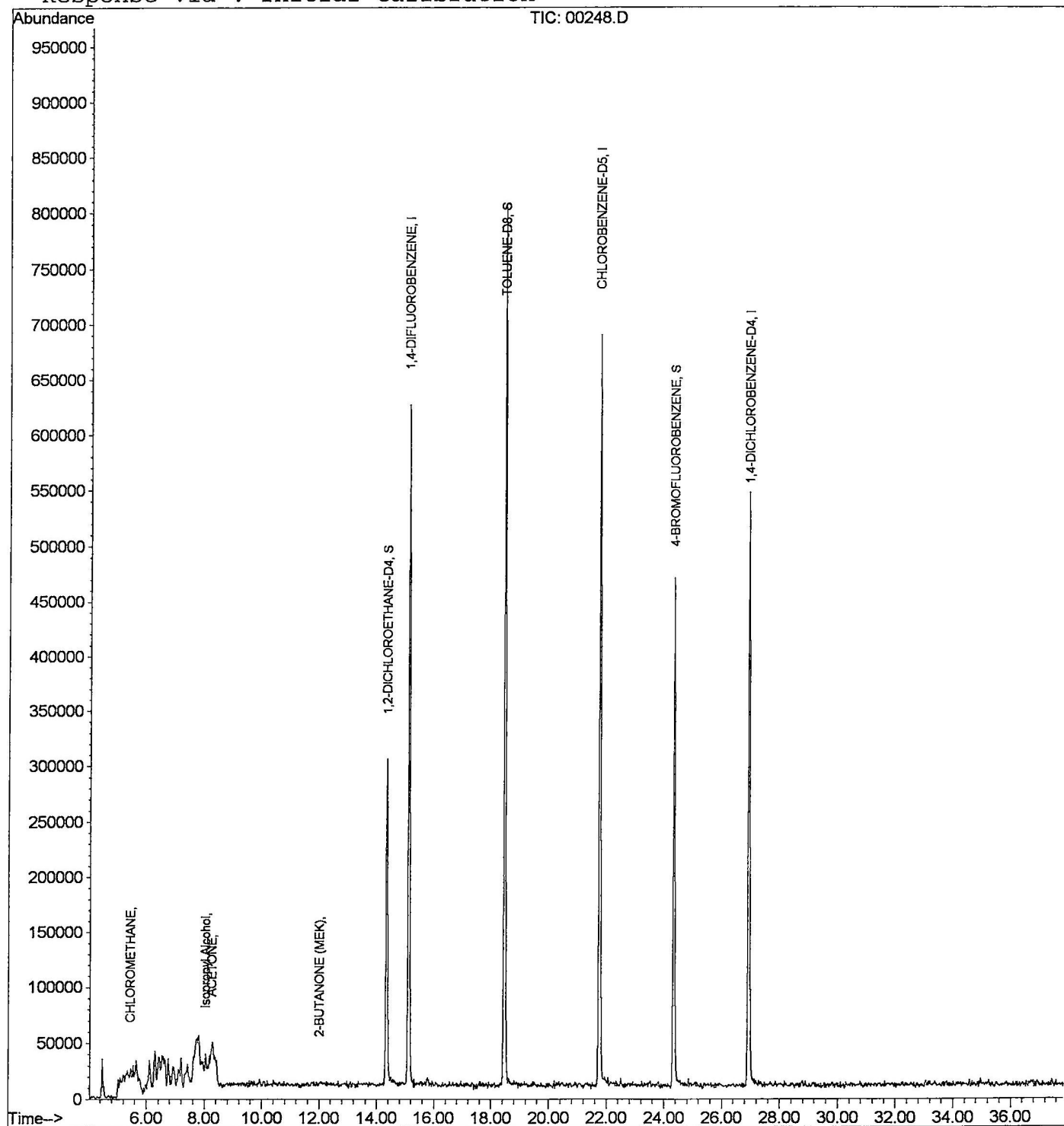
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\00248.D
Acq On : 14 Jan 2002 12:06 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 12:45 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02JAN14\00248.D
Acq On : 14 Jan 2002 12:06 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P

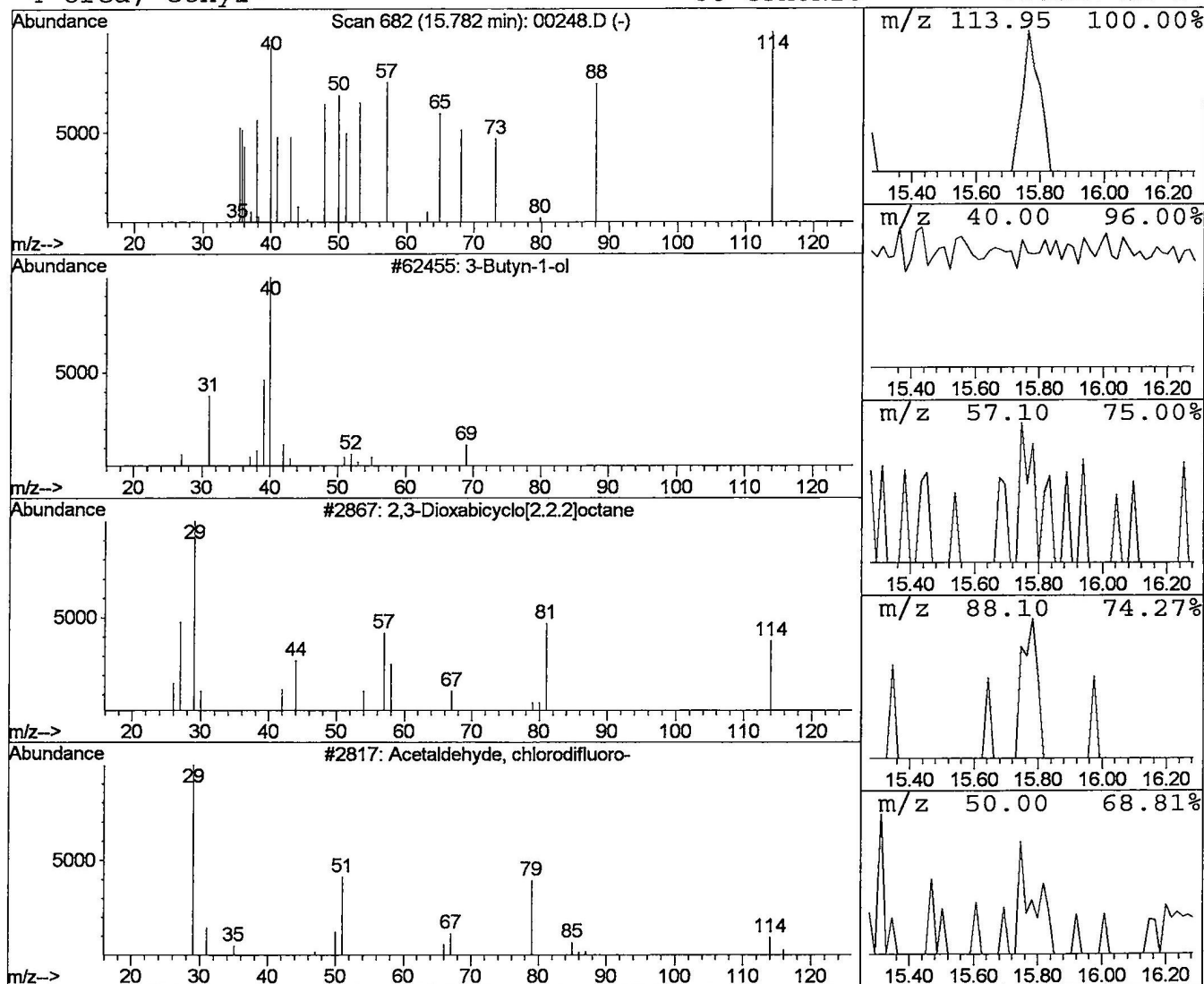
Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 3-Butyn-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.07 ug/L	33153	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Butyn-1-ol	70	C4H6O	000927-74-2	9
2			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	7
3			Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	4
4			Urea, ethyl-	88	C3H8N2O	000625-52-5	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/14/2002 Time: 13:52:18

Sample: AE00249
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
 Result source: a:\00249.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/14/2002 Time: 13:52:18

Sample: AE00249
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
Result source: a:\00249.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan14\00249.D
 Acq On : 14 Jan 2002 12:50 pm
 Sample : nyc
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 13:28 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	677639	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	556802	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	248605	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	461668	5.25	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	105.00%	
3) 4-BROMOFLUOROBENZENE	24.36	174	194824	4.24	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	84.80%	
25) TOLUENE-D8	18.47	98	790782	5.33	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	106.60%	
Target Compounds						
5) CHLOROMETHANE	5.59	50	2360	0.07	ug/L	Qvalue 85
7) BROMOMETHANE	6.66	94	1353	0.06	ug/L	99
10) Isopropyl Alcohol	8.01	45	3906	5.33	ug/L	97
12) ACETONE	8.27	43	60583	6.89	ug/L	99
18) 2-BUTANONE (MEK)	12.02	43	9146	0.47	ug/L	65

(#) = qualifier out of range (m) = manual integration
 00249.D HP010702.M Mon Jan 14 13:28:45 2002

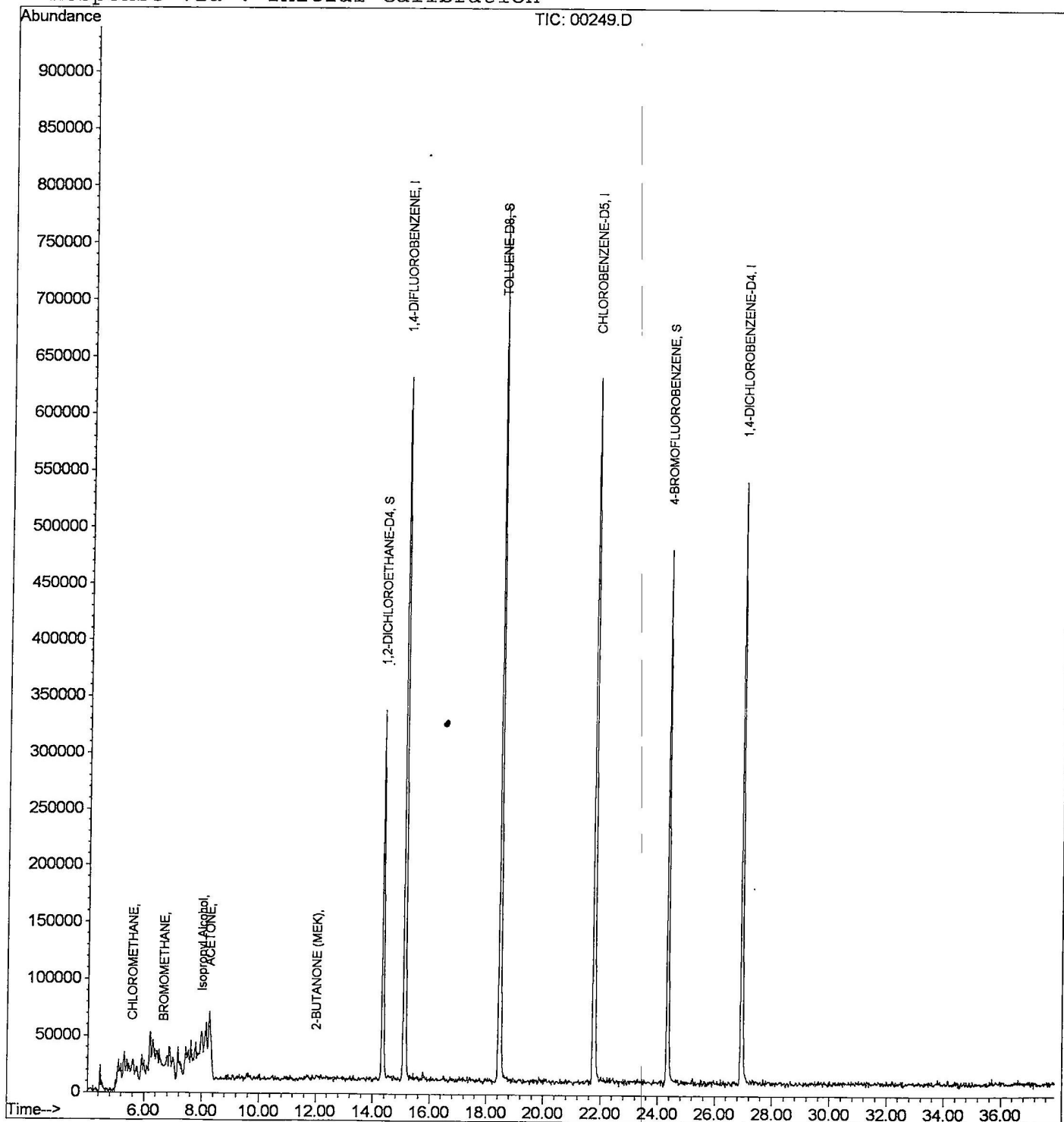
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\00249.D
Acq On : 14 Jan 2002 12:50 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 13:28 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00249.D
 Acq On : 14 Jan 2002 12:50 pm
 Sample : nyc
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P

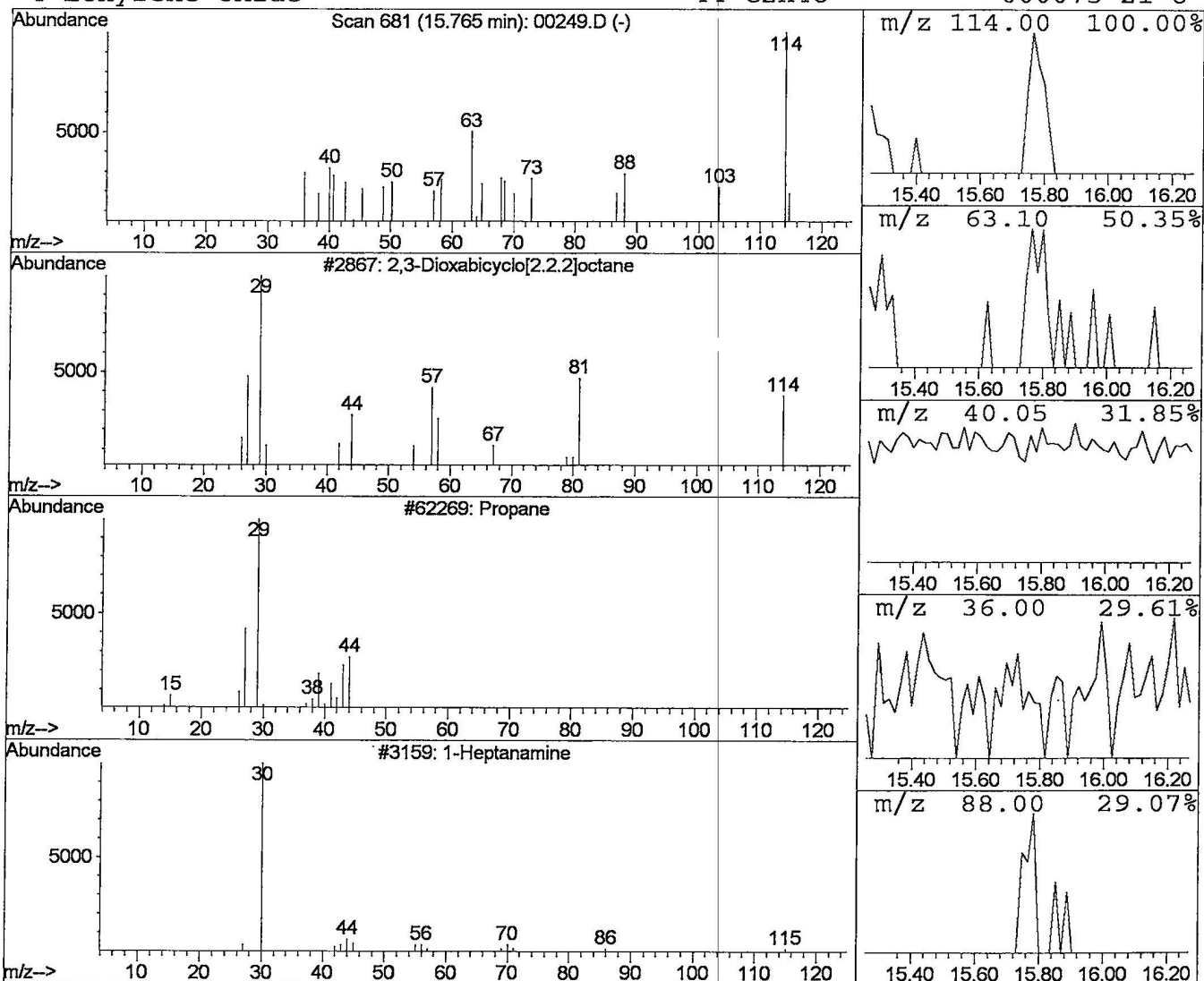
Vial: 7
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	20448	1,4-DIFLUOROBENZENE	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	7
2		Propane	44	C3H8	000074-98-6	5
3		1-Heptanamine	115	C7H17N	000111-68-2	4
4		Ethylene oxide	44	C2H4O	000075-21-8	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/14/2002 Time: 14:30:29

Sample: AE00250
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:03 Ended: 1/14/02 00:03 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/14/2002 Time: 14:30:29

Sample: AE00250
Analysis: §524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:03 Ended: 1/14/02 00:03 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan14\00250.D
 Acq On : 14 Jan 2002 1:32 pm
 Sample : nyc
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 14:11 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	650750	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	551504	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	236705	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	436976	5.17	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	103.40%	
3) 4-BROMOFLUOROBENZENE	24.36	174	188401	4.27	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	85.40%	
25) TOLUENE-D8	18.47	98	770604	5.24	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	104.80%	
Target Compounds						
5) CHLOROMETHANE	5.74	50	1931	0.06	ug/L	92
10) Isopropyl Alcohol	8.15	45	2464	3.50	ug/L	72
12) ACETONE	8.27	43	58206	6.90	ug/L	99
18) 2-BUTANONE (MEK)	12.04	43	5413	0.15	ug/L	65

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

00250.D HP010702.M Mon Jan 14 14:11:34 2002

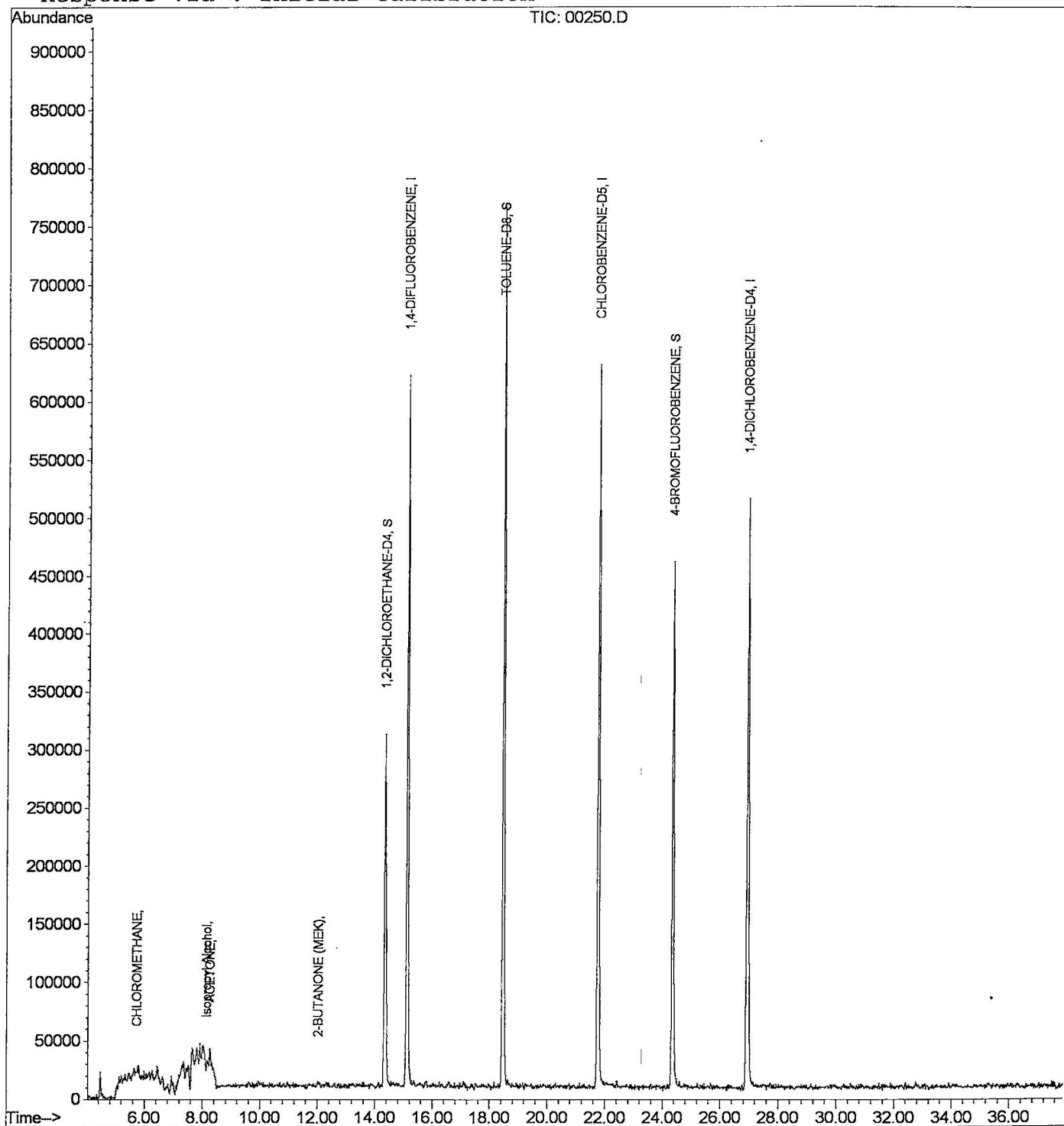
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\00250.D
Acq On : 14 Jan 2002 1:32 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 14:11 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 11:27:11

Sample: AE00307
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
 Result source: a:\00307.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY SV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 11:27:11

Sample: AE00307
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
Result source: a:\00307.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00307.D
 Acq On : 14 Jan 2002 2:49 pm
 Sample : nyc
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 15 9:33 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	628295	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.76	117	529785	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.95	152	231712	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	409386	5.02	ug/L	-0.09
Spiked Amount 5.000			Recovery	=	100.40%	
3) 4-BROMOFLUOROBENZENE	24.36	174	180466	4.24	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	84.80%	
25) TOLUENE-D8	18.47	98	738878	5.23	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	104.60%	
Target Compounds						
5) CHLOROMETHANE	5.44	50	3163	0.10	ug/L	96
7) BROMOMETHANE	6.61	94	1665	0.08	ug/L	76
12) ACETONE	8.25	43	44675	5.48	ug/L	93
14) METHYLENE CHLORIDE	9.61	49	4693	0.08	ug/L	95
18) 2-BUTANONE (MEK)	12.00	43	5431	0.17	ug/L	65
46) 2-HEXANONE	19.18	43	894	0.08	ug/L	36
66) 1,4-DICHLOROBENZENE	27.02	146	5118	0.13	ug/L	92

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

00307.D HP010702.M Tue Jan 15 09:33:50 2002

Page 1

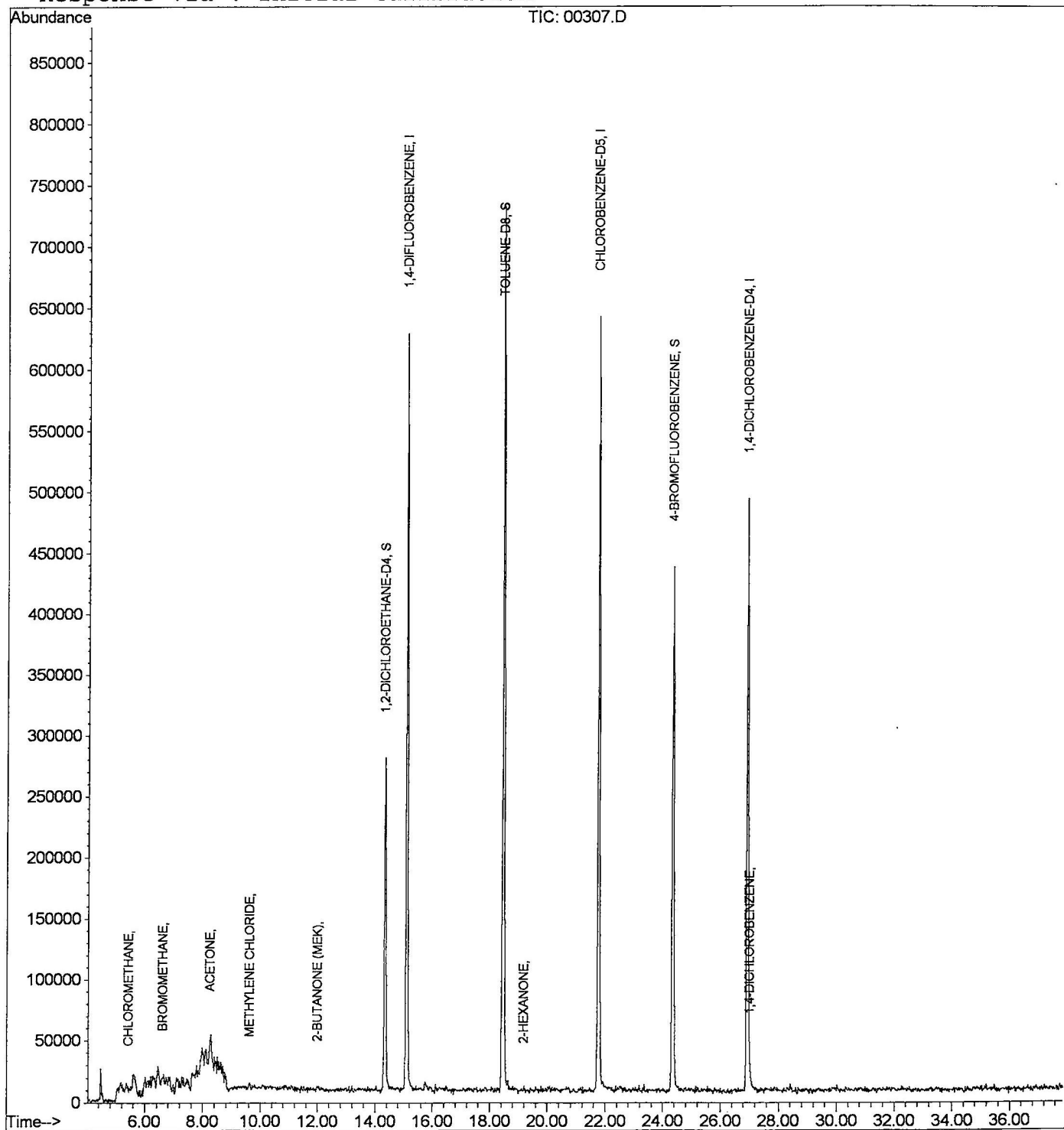
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00307.D
Acq On : 14 Jan 2002 2:49 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:33 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02JAN14\00307.D

Acq On : 14 Jan 2002 2:49 pm

Sample : nyc

Misc : January 14, 2002

MS Integration Params: LSCINT.P

Vial: 9

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

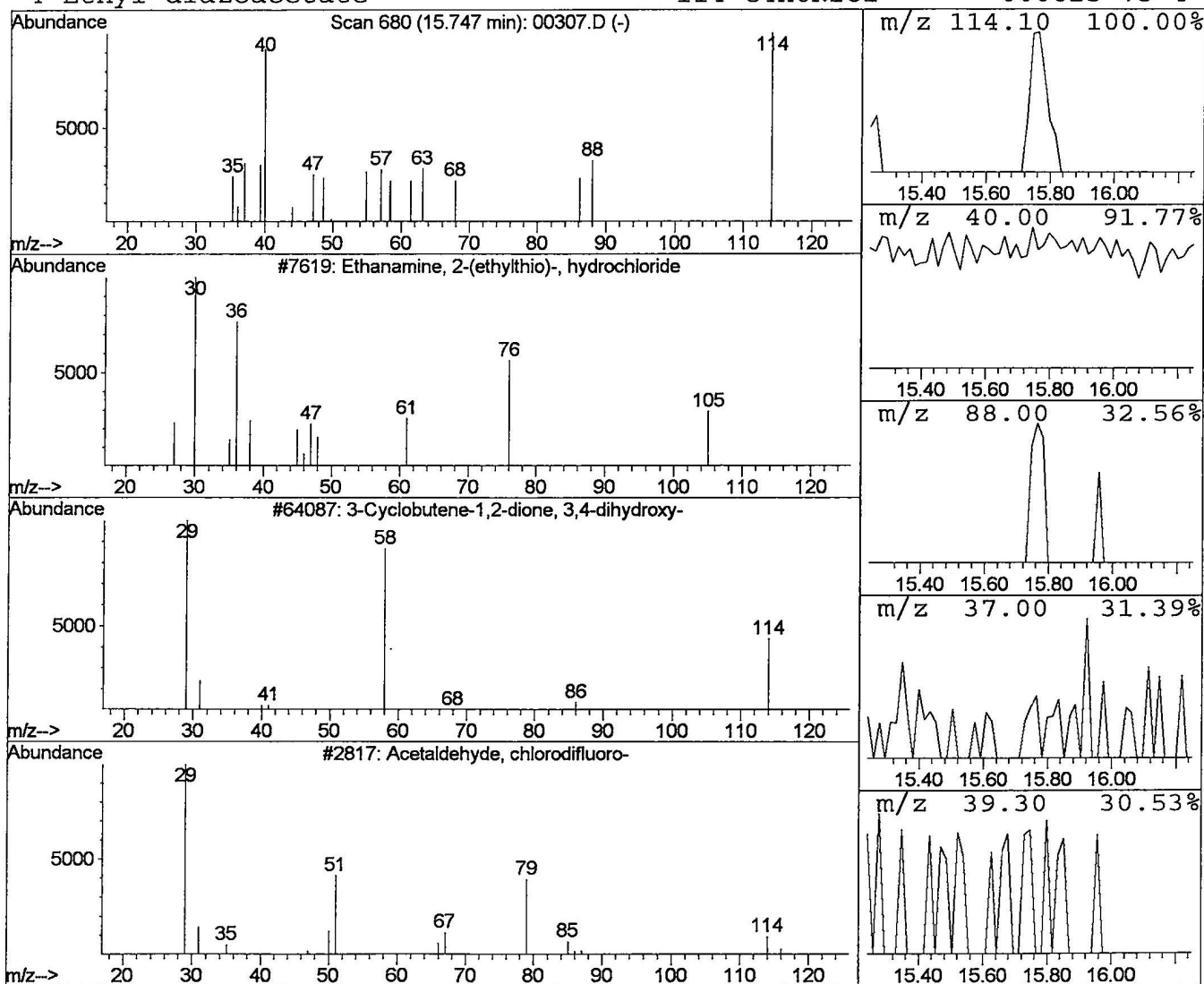
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Ethanamine, 2-(ethylthio)-, hy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.05 ug/L	22941	1,4-DIFLUOROBENZENE	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanamine, 2-(ethylthio)-, hydroch	141	C4H12ClNS	054303-30-9	7
2			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	5
3			Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	5
4			Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 11:45:17

Sample: AE00308
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:03 Ended: 1/14/02 00:03 Analyst: BH
 Result source: a:\00308.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY SH
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 11:45:17

Sample: AE00308
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:03 Ended: 1/14/02 00:03 Analyst: BH
Result source: a:\00308.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00308.D
Acq On : 14 Jan 2002 3:32 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:35 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	644318	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	536182	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	226017	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	419433	5.01	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	100.20%	
3) 4-BROMOFLUOROBENZENE	24.36	174	184539	4.23	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	84.60%	
25) TOLUENE-D8	18.47	98	767615	5.37	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	107.40%	
Target Compounds						
10) Isopropyl Alcohol	7.77	45	2474	3.55	ug/L	Qvalue 78
12) ACETONE	8.27	43	48785	5.84	ug/L	90
18) 2-BUTANONE (MEK)	12.12	43	1425	-0.22	ug/L	65

(#) = qualifier out of range (m) = manual integration
00308.D HP010702.M Tue Jan 15 09:35:40 2002

Page 1

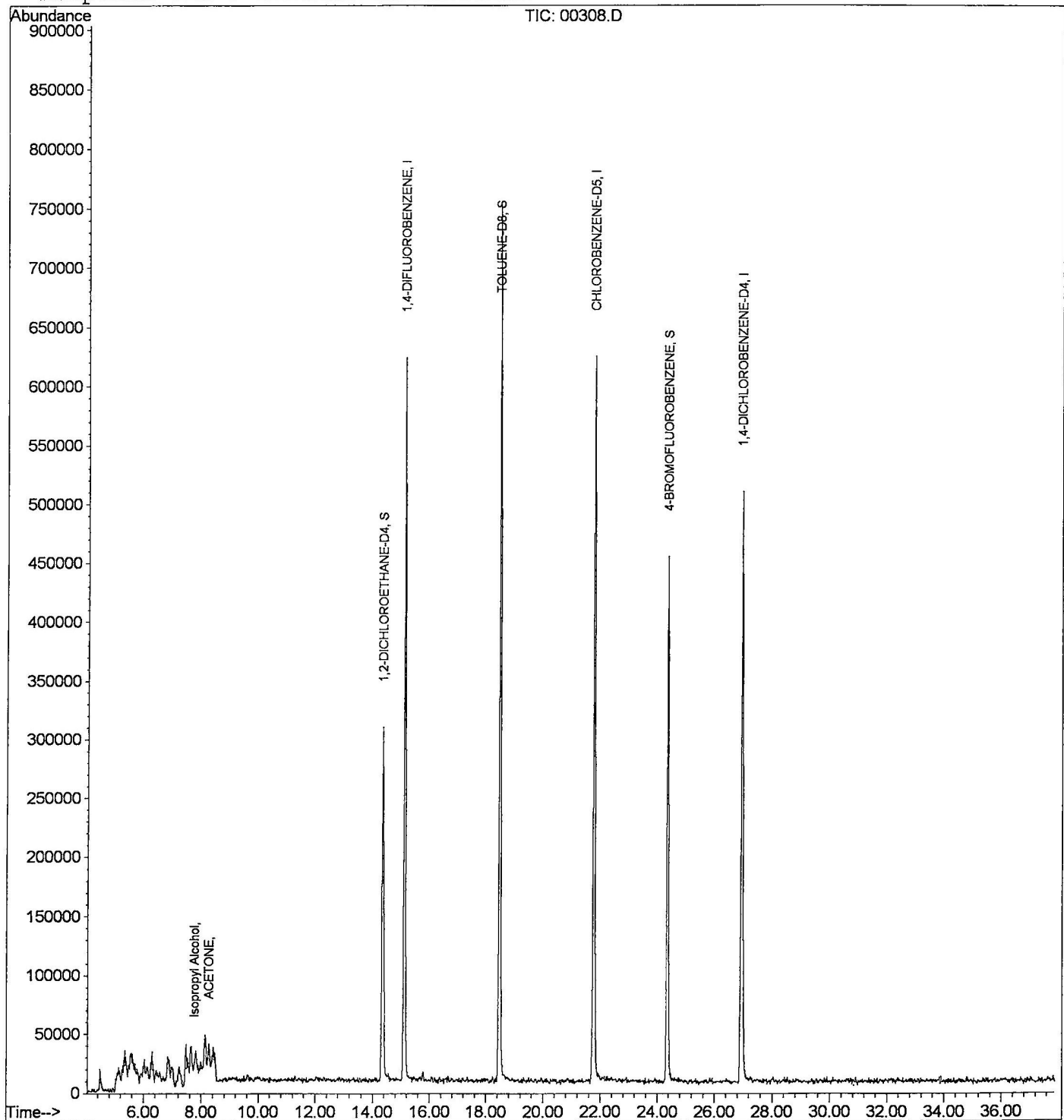
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00308.D
Acq On : 14 Jan 2002 3:32 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:35 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00308.D
Acq On : 14 Jan 2002 3:32 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P

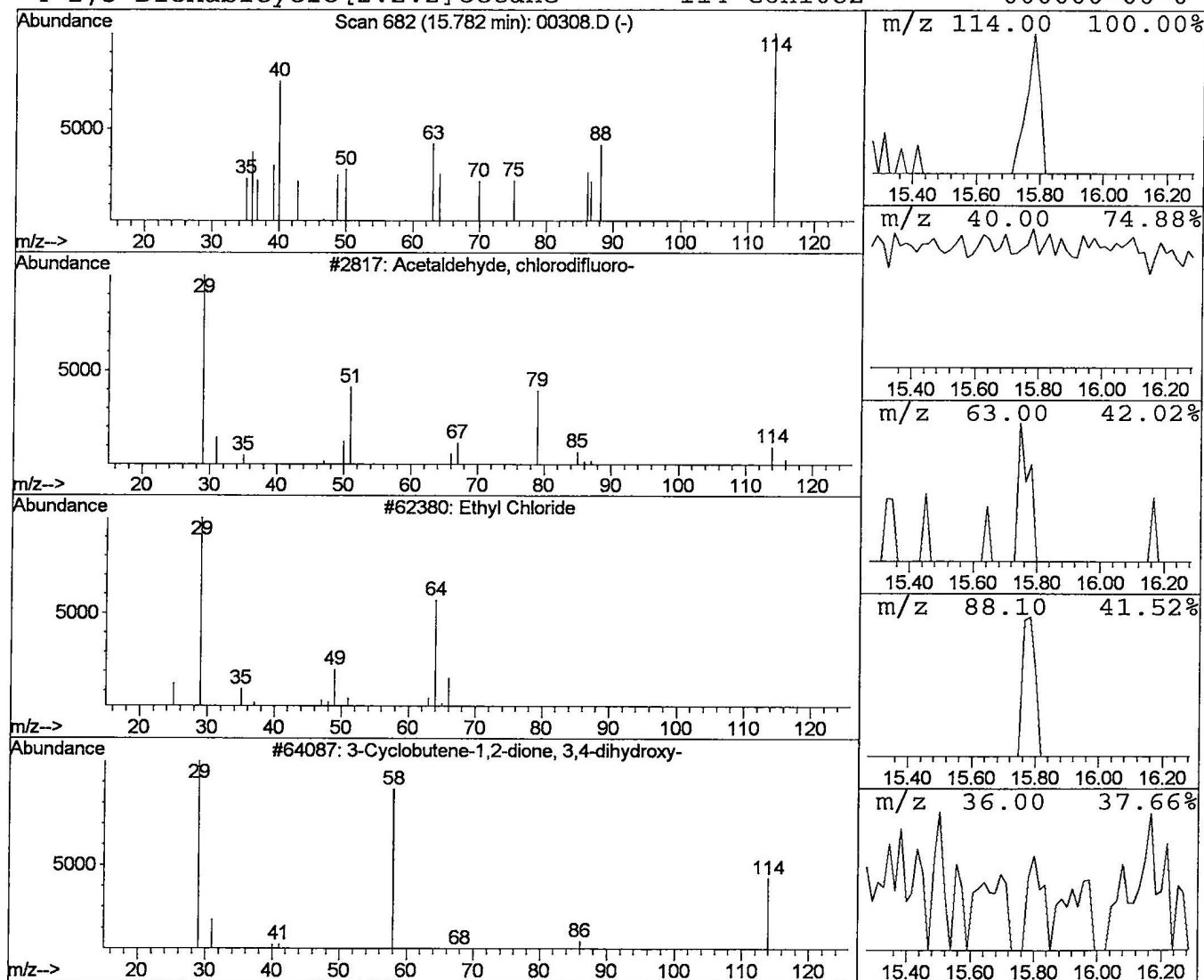
Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Acetaldehyde, chlorodifluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.06 ug/L	26581	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	25
2			Ethyl Chloride	64	C2H5Cl	000075-00-3	10
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
4			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 11:44:00

Sample: AE00309
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:04 Ended: 1/14/02 00:04 Analyst: BH
 Result source: a:\00309.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 11:44:00

Sample: AE00309
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:04 Ended: 1/14/02 00:04 Analyst: BH
Result source: a:\00309.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00309.D

Vial: 11

Acq On : 14 Jan 2002 4:15 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 9:37 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	655613	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	567340	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	239469	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	435391	5.12	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	102.40%	
3) 4-BROMOFLUOROBENZENE	24.35	174	187769	4.23	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	84.60%	
25) TOLUENE-D8	18.47	98	788017	5.21	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	104.20%	
Target Compounds						
10) Isopropyl Alcohol	7.91	45	1499	2.11	ug/L	Qvalue 90
12) ACETONE	8.27	43	20602	2.42	ug/L	90
18) 2-BUTANONE (MEK)	12.05	43	6766	0.27	ug/L	65
46) 2-HEXANONE	19.21	43	1924	0.15	ug/L	36

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

00309.D HP010702.M

Tue Jan 15 09:37:29 2002

Page 1

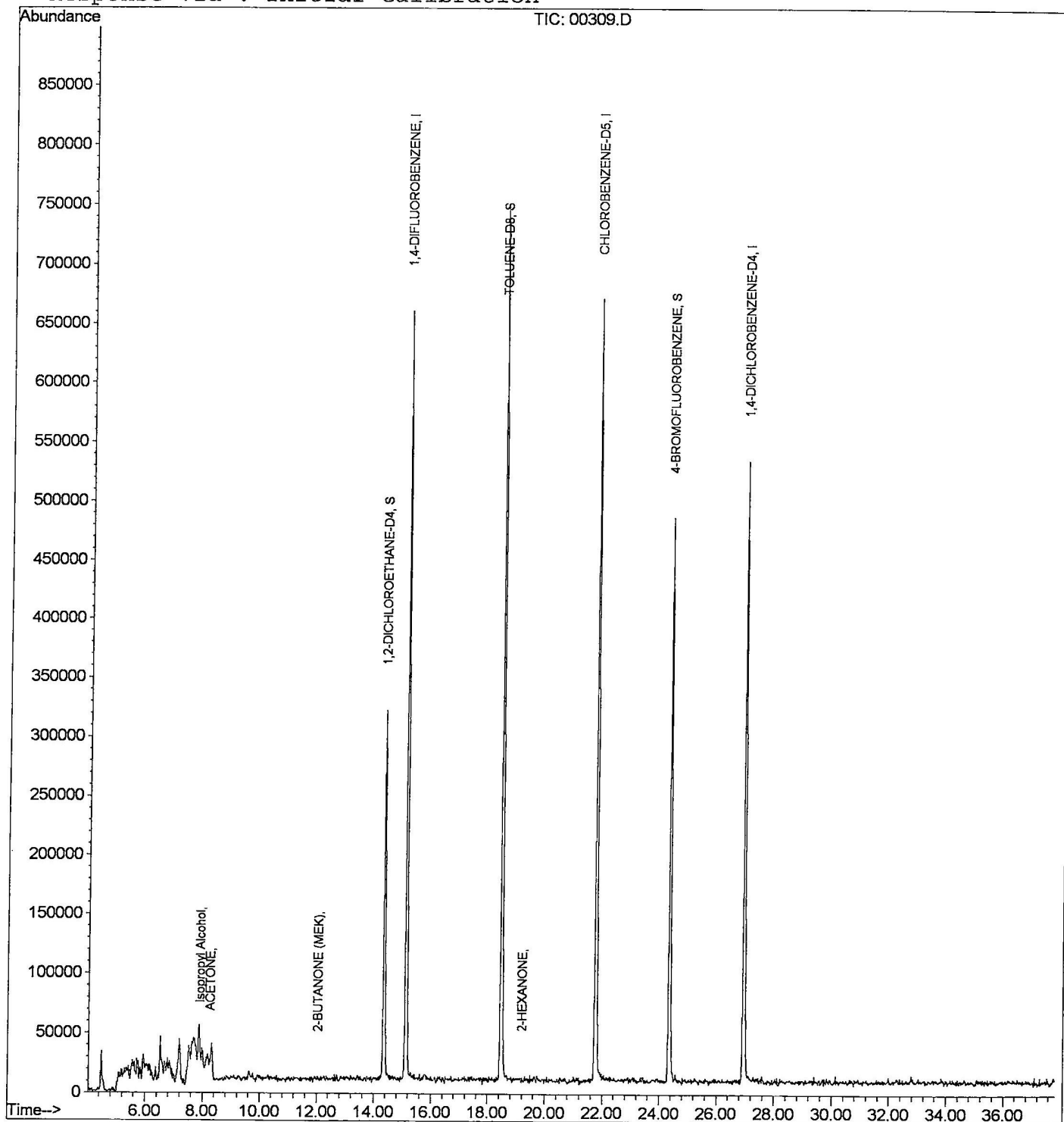
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00309.D
Acq On : 14 Jan 2002 4:15 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:37 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 11:47:15

Sample: AE00248
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 1/14/02 00:04 Ended: 1/14/02 00:04 Analyst: BH
 Result source: a:\0114c10a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.3		.5
2	Surr_4-BROMOFLUOROBENZE		5.0		.5
3	Dichlorodifluoromethane		8.5		.5
4	Chloromethane		9.0		.5
5	Vinyl chloride		9.8		.5
6	Bromomethane		10		.5
7	Chloroethane		9.8		.5
8	Trichlorofluoromethane		9.7		.5
9	1,1-Dichloroethene		8.5		.5
10	Methylene Chloride		9.1		.5
11	Methyl tert-butyl ether (MTBE)		8.9		1.0
12	trans-1,2-dichloroethene		9.5		.5
13	1,1-dichloroethane		9.9		.5
14	2-butanone (MEK)		7.4		2.0
15	2,2-dichloropropane		9.6		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		9.8		.5
19	1,2-dichloroethane		9.9		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		9.7		.5
22	1,1-dichloropropene		9.8		.5
23	Carbon tetrachloride		9.8		.5
24	Benzene		10		.5
25	Trichloroethene		9.8		.5
26	1,2-dichloropropane		9.7		.5
27	Dibromomethane		9.6		.5
28	Bromodichloromethane		9.9		.5
29	Methyl iso-butyl ketone		8.8		1.0
30	cis-1,3-dichloropropene		9.8		.5
31	Toluene		10		.5
32	trans-1,3-dichloropropene		9.5		.5
33	1,1,2-trichloroethane		9.8		.5
34	Tetrachloroethene		9.8		.5
35	1,3-dichloropropane		9.6		.5
36	Dibromochloromethane		9.6		2.0
37	Chlorobenzene		9.9		.5
38	1,1,1,2-tetrachloroethane		9.8		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		21		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		9.8		.5
44	Bromoform		9.2		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		9.3		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		9.6		.5

REVIEWED BY SV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 11:47:15

Sample: AE00248
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 1/14/02 00:04 Ended: 1/14/02 00:04 Analyst: BH
Result source: a:\0114c10a.rr
Page: 2

	Component Name	Vol	Result	Quantifier	MDL
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		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		9.8		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		9.7		.5
60	1,2,4-trichlorobenzene		9.2		.5
61	Hexachlobutadiene		9.3		.5
62	Naphthalene		8.3		.5
63	1,2,3-trichlorobenzene		9.0		.5
64	Nitrobenzene		150		5.0

Data File : C:\HPCHEM\1\DATA\02jan14\0114C10A.D
 Acq On : 14 Jan 2002 4:58 pm
 Sample : cal 10
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 17:36 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	666879	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	576246	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	297469	5.00	ug/L	-0.07

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.35	65	459760	5.31	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	106.20%	✓
3) 4-BROMOFLUOROBENZENE	24.35	174	225855	5.00	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	100.00%	✓
25) TOLUENE-D8	18.47	98	813836	5.30	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	106.00%	✓

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	248013	8.49	ug/L	99
5) CHLOROMETHANE	5.51	50	293518	9.04	ug/L	98
6) VINYL CHLORIDE	5.61	62	263595	9.83	ug/L	98
7) BROMOMETHANE	6.60	94	221766	10.46	ug/L	98
8) CHLOROETHANE	6.73	64	183720	9.78	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.29	101	511895	9.67	ug/L	96
10) Isopropyl Alcohol	7.89	45	2675	3.71	ug/L	93
11) 1,1,2-Trichloro-1,2,2-trif	8.18	101	308211	8.80	ug/L	95
12) ACETONE	8.27	43	73869	8.54	ug/L	94
13) 1,1-DICHLOROETHENE	8.62	61	452159	8.53	ug/L	99
14) METHYLENE CHLORIDE	9.63	49	558968	9.11	ug/L	98
15) METHYL TERT BUTYL ETHER	9.93	73	320721	8.95	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.29	61	498230	9.49	ug/L	99
17) 1,1-DICHLOROETHANE	11.18	63	568227	9.86	ug/L	97
18) 2-BUTANONE (MEK)	12.02	43	84997	7.39	ug/L	96
19) 2,2-DICHLOROPROPANE	12.40	77	386063	9.57	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.51	96	297237	10.16	ug/L	91
21) CHLOROFORM	12.84	83	661714	10.04	ug/L	98
22) BROMOCHLOROMETHANE	13.20	49	325336	9.78	ug/L	91
23) 1,2-DICHLOROETHANE	14.54	62	540261	9.87	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.73	97	511182	9.73	ug/L	100
27) 1,1-DICHLOROPROPENE	14.06	75	400562	9.84	ug/L	99
28) CARBON TETRACHLORIDE	14.32	117	517116	9.79	ug/L	99
29) BENZENE	14.65	78	1105929	10.47	ug/L	98
30) TRICHLOROETHENE	15.92	95	316765	9.78	ug/L	98
31) 1,2-DICHLOROPROPANE	16.29	63	295479	9.74	ug/L	98
32) DIBROMOMETHANE	16.95	174	128128	9.56	ug/L	95
33) BROMODICHLOROMETHANE	16.79	83	442484	9.87	ug/L	98

(#) = qualifier out of range (m) = manual integration
 0114C10A.D HP010702.M Mon Jan 14 17:36:43 2002

Data File : C:\HPCHEM\1\DATA\02jan14\0114C10A.D

Vial: 2

Acq On : 14 Jan 2002 4:58 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 14 17:36 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	85456	8.96	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.37	58	51093	8.76	ug/L	87
36) CIS-1,3-DICHLOROPROPENE	17.89	75	339534	9.81	ug/L	98
37) TOLUENE	18.64	91	1027433	10.12	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	251422	9.53	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.30	97	173261	9.82	ug/L	96
40) TETRACHLOROETHENE	20.09	166	267873	9.79	ug/L	97
41) 1,3-DICHLOROPROPANE	19.84	76	328592	9.62	ug/L	97
42) DIBROMOCHLOROMETHANE	20.52	129	230868	9.60	ug/L	98
43) 1,2-DIBROMOETHANE	20.97	107	163926	9.28	ug/L	98
44) CHLOROBENZENE	21.86	112	676139	9.90	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.90	131	252771	9.83	ug/L	94
46) 2-HEXANONE	19.20	43	115572	8.93	ug/L	93
47) ETHYLBENZENE	21.90	91	1284694	10.11	ug/L	100
48) P & M-XYLENE	22.05	106	893374	21.18	ug/L	99
49) O-XYLENE	23.03	91	1025163	10.61	ug/L	100
50) STYRENE	23.08	104	659061	10.70	ug/L	97
51) 1,1,2,2-TETRACHLOROETHANE	24.11	83	188728	9.79	ug/L	100
53) BROMOFORM	23.95	173	105789	9.17	ug/L	95
54) ISOPROPYLBENZENE	23.74	105	1051849	10.28	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.44	110	59699	9.29	ug/L	99
56) N-PROPYLBENZENE	24.62	91	1459786	10.22	ug/L	100
57) BROMOBENZENE	24.86	156	261693	9.65	ug/L	96
58) 1,3,5-TRIMETHYLBENZENE	24.93	105	1007306	10.44	ug/L	100
59) 2-CHLOROTOLUENE	25.10	91	1054320	10.55	ug/L	98
60) 4-CHLOROTOLUENE	25.17	91	924539	10.07	ug/L	100
61) TERT-BUTYLBENZENE	25.73	119	856731	10.37	ug/L	97
62) 1,2,4-TRIMETHYLBENZENE	25.82	105	1043151	10.49	ug/L	99
63) SEC-BUTYLBENZENE	26.18	105	1127771	10.23	ug/L	100
64) P-ISOPROPYLTOLUENE	26.45	119	855281	10.27	ug/L	97
65) 1,3-DICHLOROBENZENE	26.81	146	470213	9.81	ug/L	99
66) 1,4-DICHLOROBENZENE	27.02	146	497223	10.11	ug/L	98
67) N-BUTYLBENZENE	27.33	91	968560	10.15	ug/L	99
68) 1,2-DICHLOROBENZENE	27.87	146	408062	9.67	ug/L	97
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.65	157	17330	8.33	ug/L	91
70) 1,2,4-TRICHLOROBENZENE	31.95	180	234272	9.16	ug/L	95
71) HEXACHLOROBUTADIENE	32.27	225	168479	9.31	ug/L	98
72) NAPHTHALENE	32.81	128	280293	8.31	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.52	180	199011	9.04	ug/L	95
74) NITROBENZENE	29.88	77	107928	150.39	ug/L	92

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

0114C10A.D HP010702.M

Mon Jan 14 17:36:46 2002

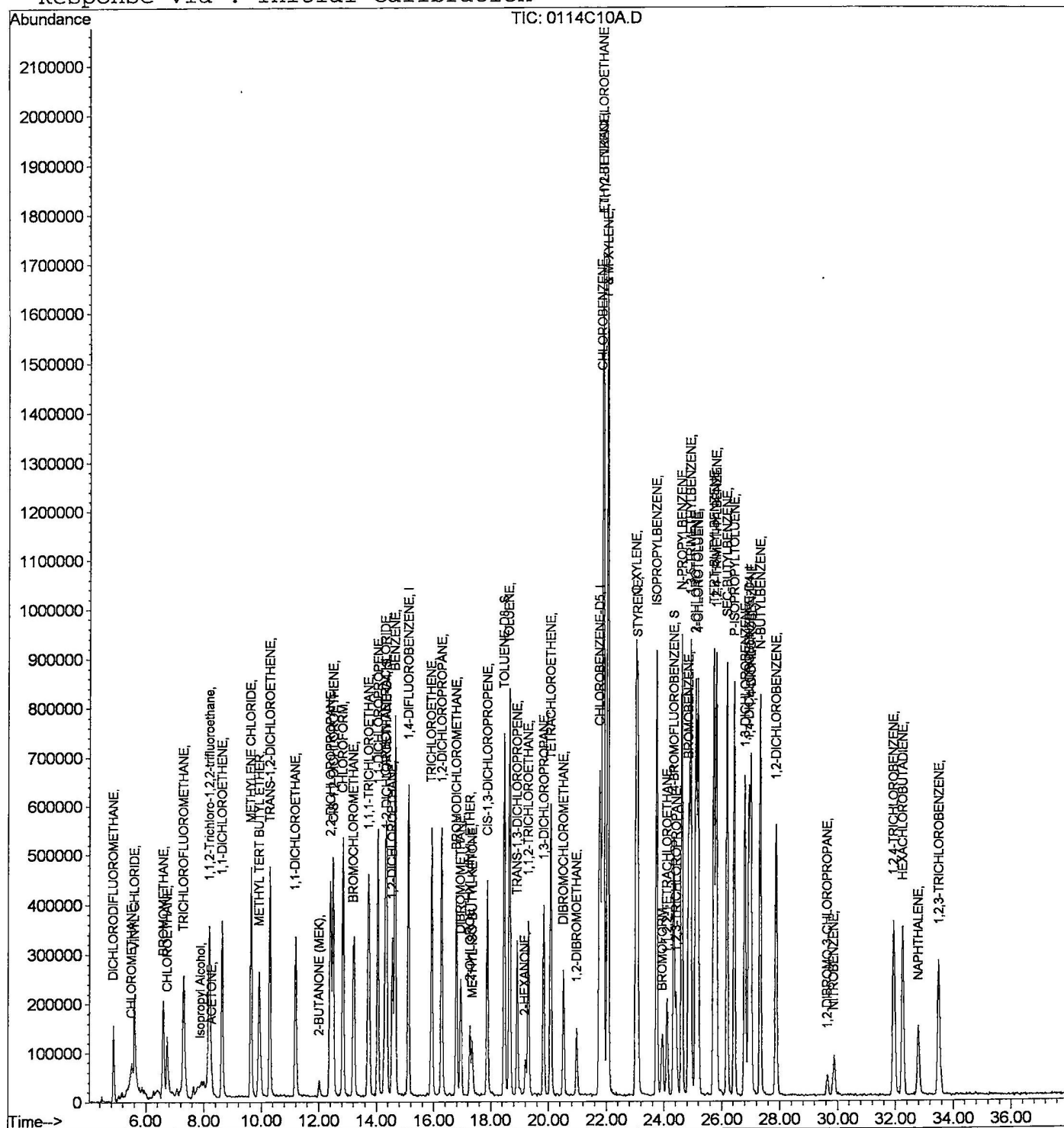
Page 2

Data File : C:\HPCHEM\1\DATA\02jan14\0114C10A.D
Acq On : 14 Jan 2002 4:58 pm
Sample : cal 10
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 17:36 2002

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

Quant Results File: HP010702.RES

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Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Thu Jan 10 08:57:29 2002
Response via  : Initial Calibration
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Data File : C:\HPCHEM\1\DATA\02jan14\0114BL3.D
 Acq On : 14 Jan 2002 5:41 pm
 Sample : lb
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 14 18:19 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	370856	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	353179	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	187963	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	271038	5.63	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	112.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	125666	5.00	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	100.00%	
25) TOLUENE-D8	18.48	98	464979	4.94	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	98.80%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.42	50	3070	0.17	ug/L	77
10) Isopropyl Alcohol	7.68	45	3684	9.19	ug/L	94
12) ACETONE	8.17	43	2860	0.59	ug/L	52
18) 2-BUTANONE (MEK)	12.04	43	3676	0.25	ug/L	65
21) CHLOROFORM	12.86	83	2928	0.08	ug/L	98
46) 2-HEXANONE	19.25	43	1413	0.18	ug/L	36

 (#) = qualifier out of range (m) = manual integration
 0114BL3.D HP010702.M Mon Jan 14 18:19:51 2002

Page 1

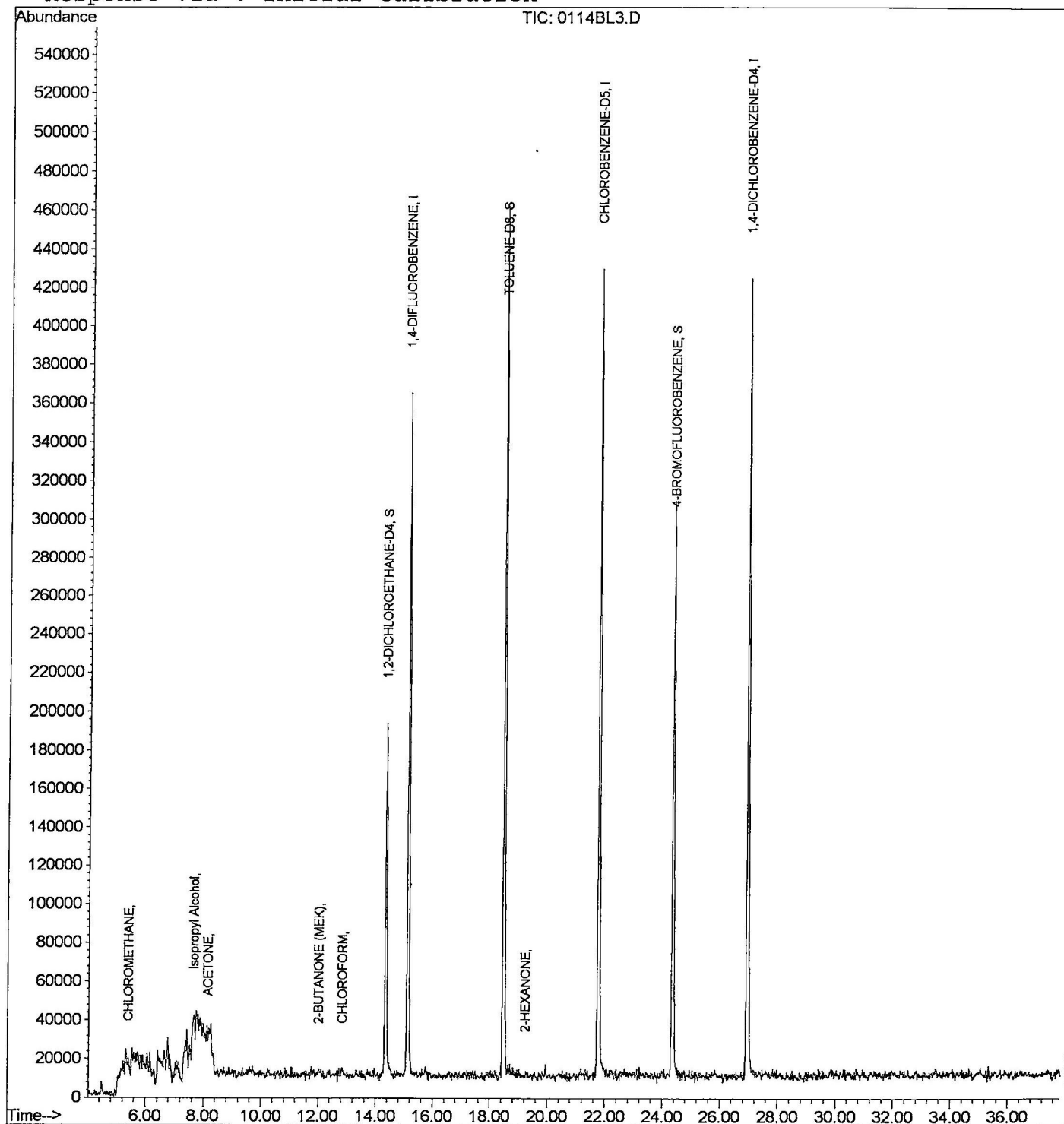
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\0114BL3.D
Acq On : 14 Jan 2002 5:41 pm
Sample : 1b
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 18:19 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 13:49:28

Sample: AE00102
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:06 Ended: 1/14/02 00:06 Analyst: BH
 Result source: a:\102a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY *SV*
 DATE *1/27/02*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 13:49:28

Sample: AE00102
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:06 Ended: 1/14/02 00:06 Analyst: BH
Result source: a:\102a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE00102 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-17-2002 Time: 16:22:09

THIS SAMPLE WAS ANALYZED ONE DAY PAST THE HOLDING TIME DUE TO PREVIOUS QC FAILURES.

Data File : C:\HPCHEM\1\DATA\02jan14\102A.D

Vial: 4

Acq On : 14 Jan 2002 6:24 pm

Operator: 201-wb

Sample : nyc re-inj.

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 14 19:02 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	642756	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	549412	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	236619	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	435883	5.22	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	104.40%	
3) 4-BROMOFLUOROBENZENE	24.37	174	188434	4.33	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	86.60%	
25) TOLUENE-D8	18.48	98	758025	5.18	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	103.60%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.57	50	2544	0.08	ug/L	75
6) VINYL CHLORIDE	5.82	62	1767	0.07	ug/L	71
7) BROMOMETHANE	6.38	94	1176	0.06	ug/L	65
12) ACETONE	8.29	43	28402	3.41	ug/L	96
18) 2-BUTANONE (MEK)	12.04	43	6808	0.29	ug/L	65

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

102A.D HP010702.M Mon Jan 14 19:03:09 2002

Page 1

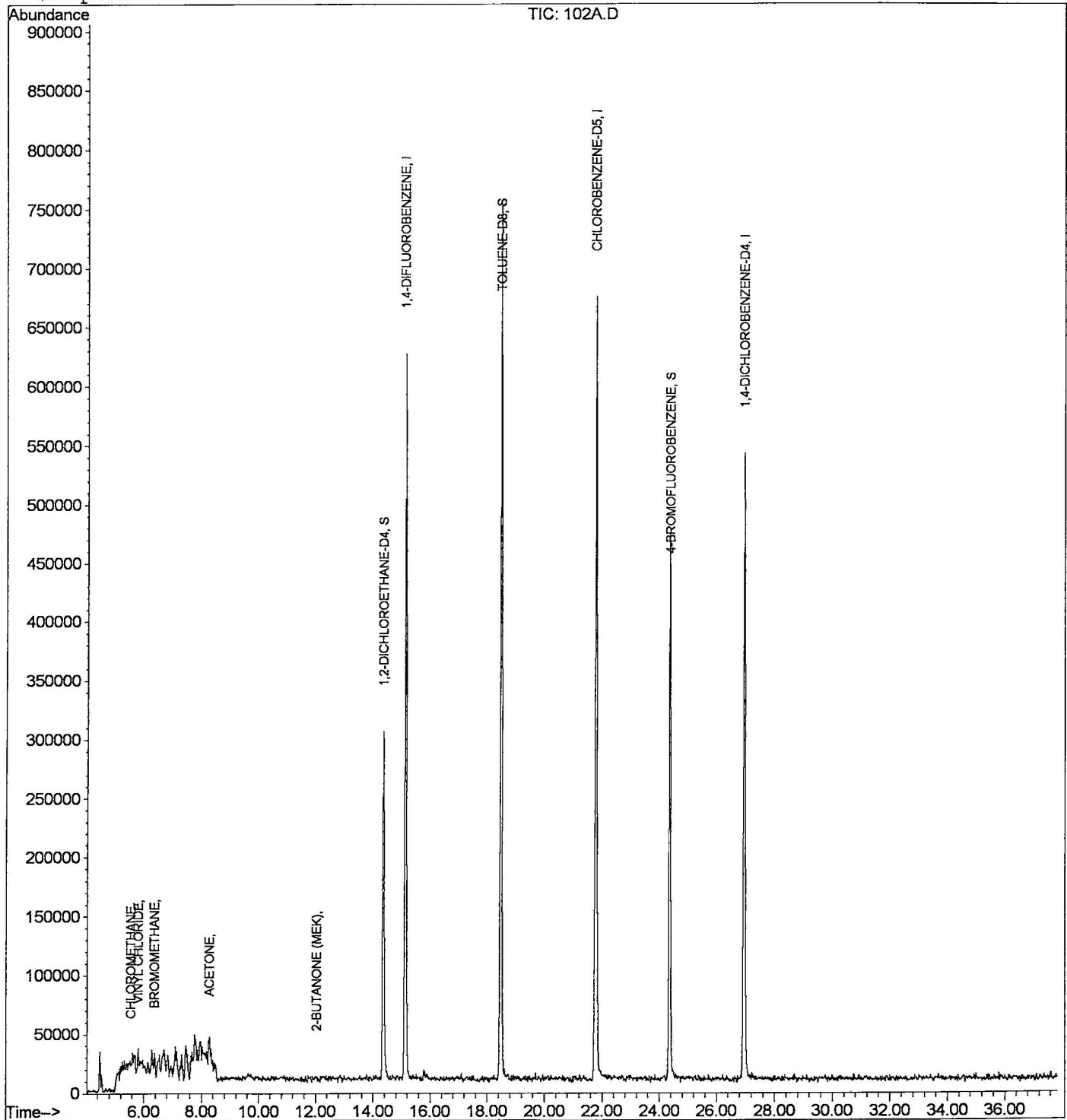
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan14\102A.D
Acq On : 14 Jan 2002 6:24 pm
Sample : nyc re-inj.
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 14 19:02 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\102A.D
 Acq On : 14 Jan 2002 6:24 pm
 Sample : nyc re-inj.
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P

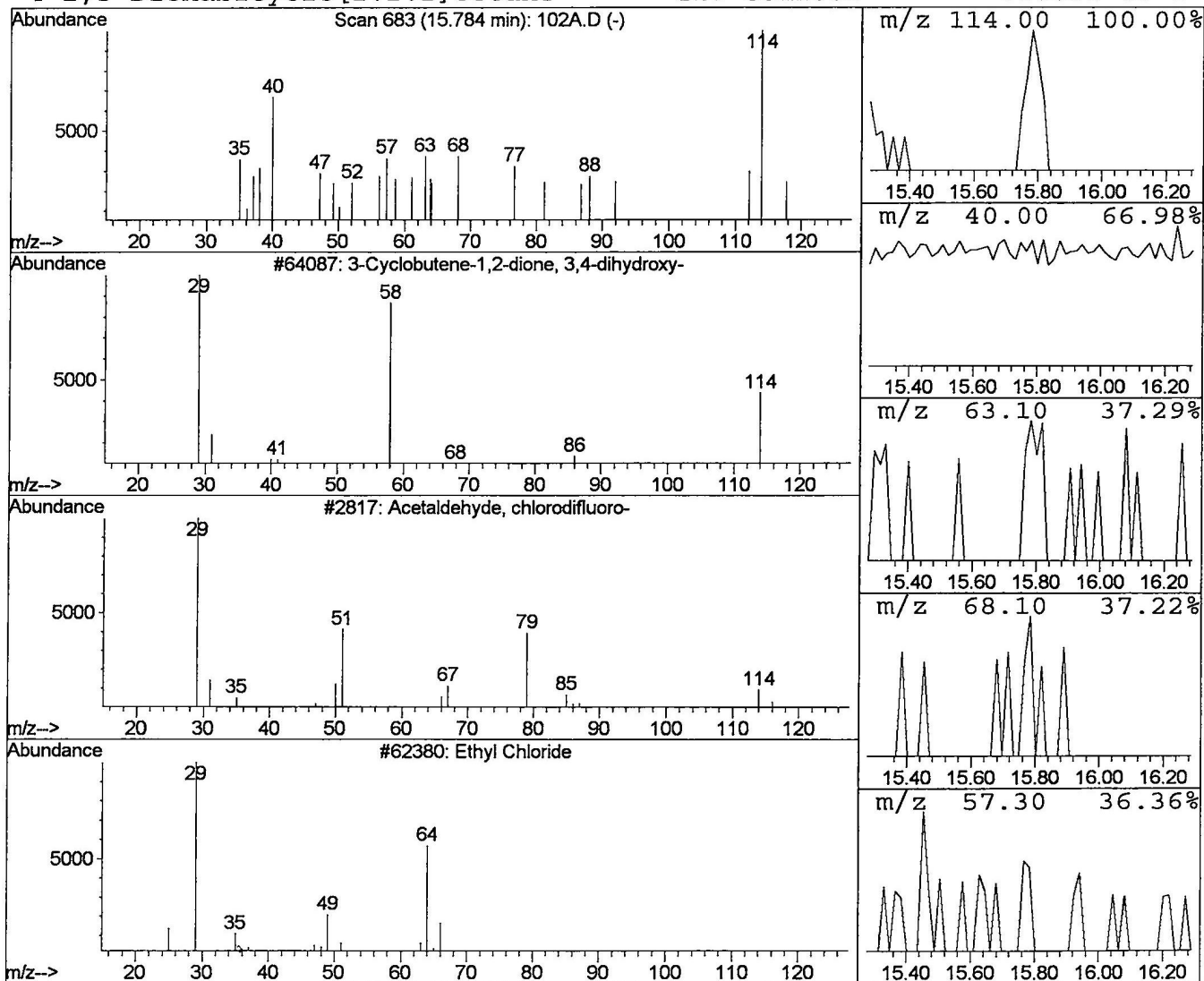
Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.08 ug/L	36698	1,4-DIFLUOROBENZENE	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	9
2		Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	9
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4		2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN03\00102.D
 Acq On : 3 Jan 2002 2:56 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 15:35 2002

Vial: 7
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	231496	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.02	117	232545	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	110009	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	92901	6.09	ug/L	0.05
Spiked Amount 5.000			Recovery	=	121.80%	0.05
3) 4-BROMOFLUOROBENZENE	23.59	174	77806	4.38	ug/L	0.05
Spiked Amount 5.000			Recovery	=	87.60%	0.05
23) TOLUENE-D8	17.73	98	304369	4.94	ug/L	0.05
Spiked Amount 5.000			Recovery	=	98.80%	0.05

Target Compounds

Qvalue

*area counts for IS's
too low*

 (#) = qualifier out of range (m) = manual integration
 00102.D HP010402.M Thu Jan 17 16:13:45 2002

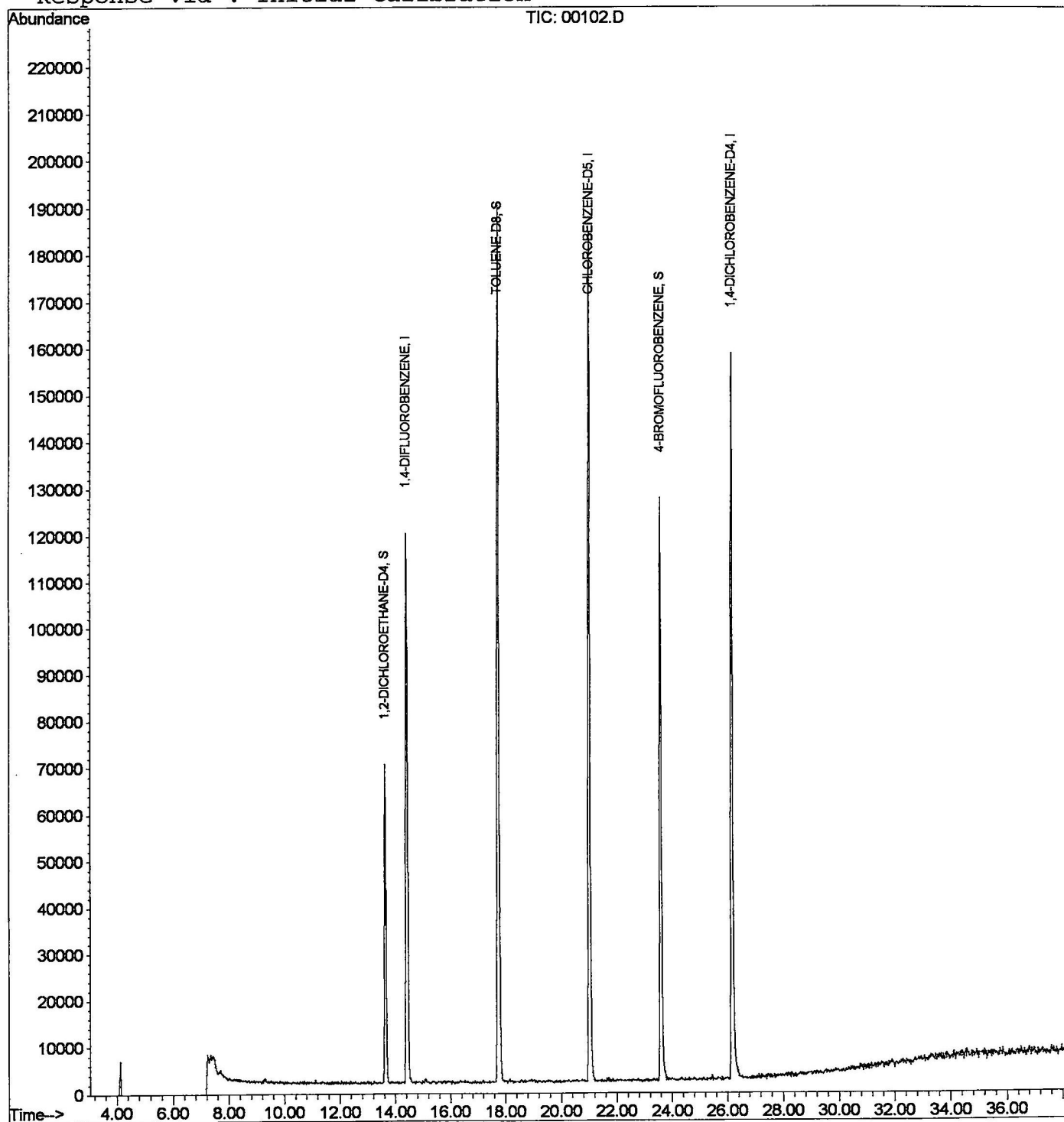
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN03\00102.D
 Acq On : 3 Jan 2002 2:56 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 15:35 2002

Vial: 7
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 10:17:54 2002
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 11:50:57

Sample: AE00462
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:07 Ended: 1/14/02 00:07 Analyst: BH
 Result source: a:\00462.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY BN
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 11:50:57

Sample: AE00462
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:07 Ended: 1/14/02 00:07 Analyst: BH
Result source: a:\00462.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00462.D

Vial: 5

Acq On : 14 Jan 2002 7:07 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 9:39 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	635514	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.78	117	526068	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	231477	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	429256	5.20	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	104.00%	
3) 4-BROMOFLUOROBENZENE	24.37	174	172804	4.01	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	80.20%	
25) TOLUENE-D8	18.48	98	746224	5.32	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	106.40%	
Target Compounds						
5) CHLOROMETHANE	5.54	50	2165	0.07	ug/L	94
10) Isopropyl Alcohol	7.73	45	3197	4.65	ug/L	96
12) ACETONE	8.29	43	28209	3.42	ug/L	95
46) 2-HEXANONE	19.20	43	3151	0.27	ug/L	36
55) 1,2,3-TRICHLOROPROPANE	24.48	110	488	0.10	ug/L	95

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

00462.D HP010702.M Tue Jan 15 09:39:11 2002

Page 1

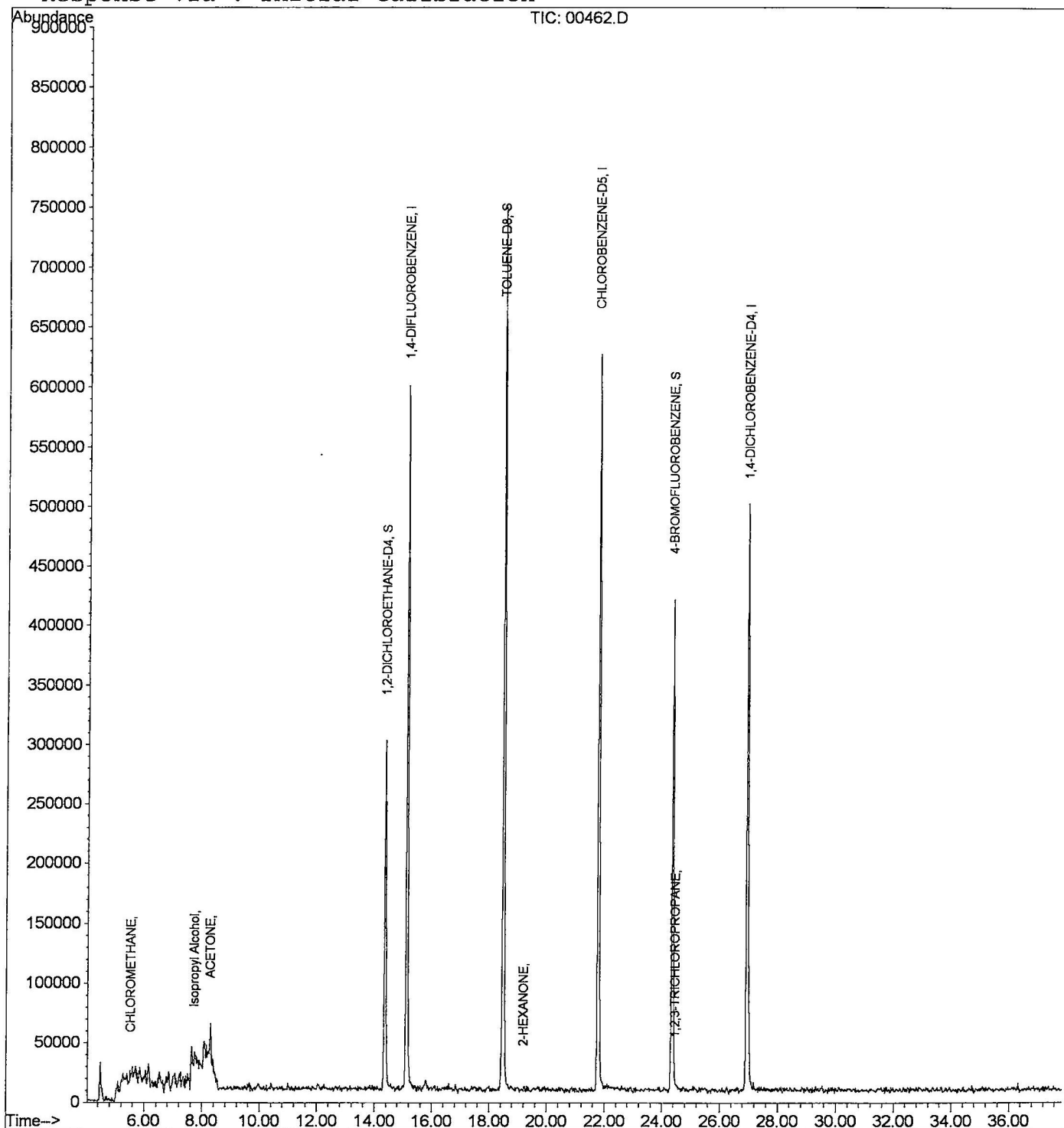
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00462.D
Acq On : 14 Jan 2002 7:07 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:39 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00462.D
 Acq On : 14 Jan 2002 7:07 pm
 Sample : nyc
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P

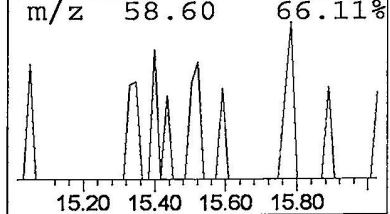
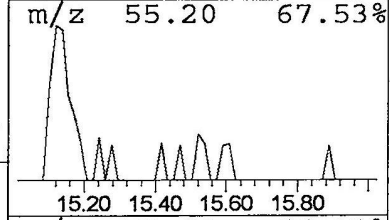
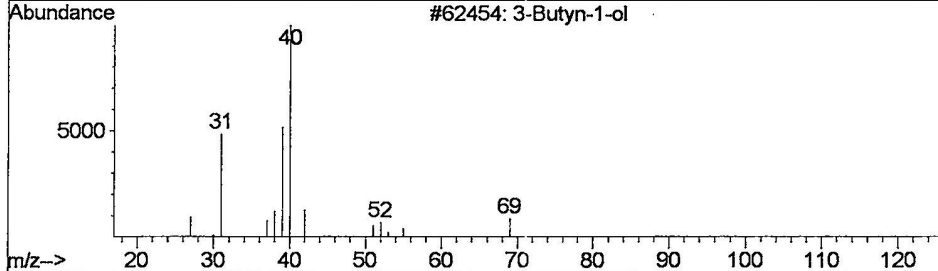
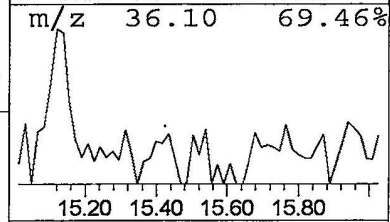
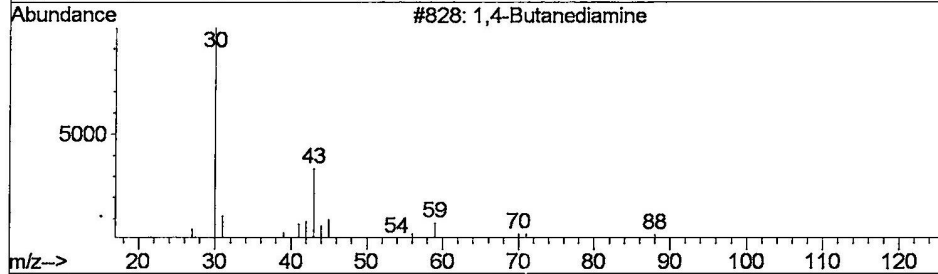
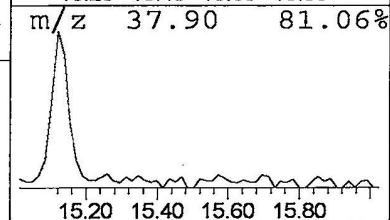
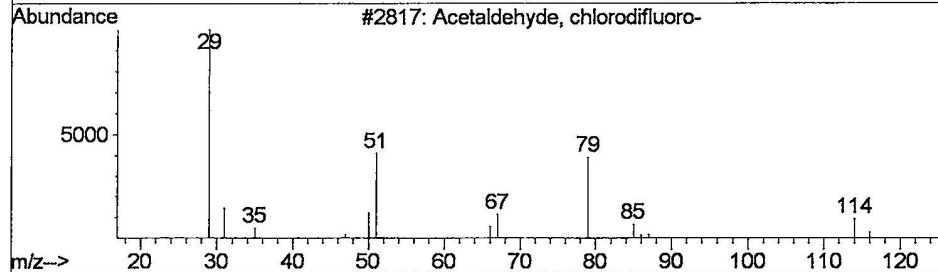
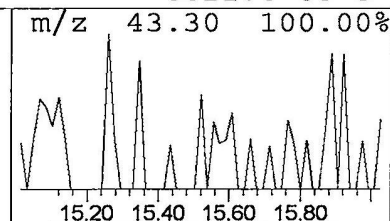
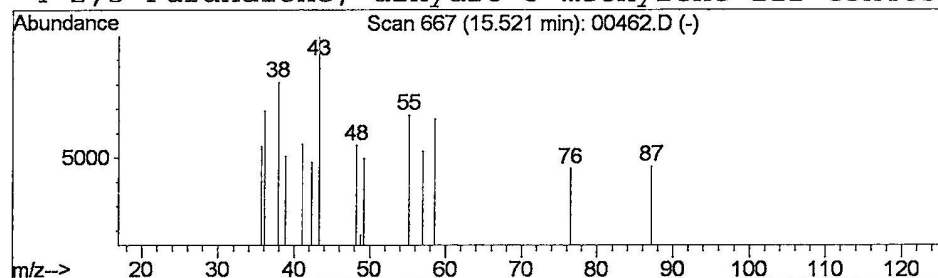
Vial: 5
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Acetaldehyde, chlorodifluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	0.04 ug/L	15420	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	4
2			1,4-Butanediamine	88	C4H12N2	000110-60-1	4
3			3-Butyn-1-ol	70	C4H6O	000927-74-2	4
4			2,5-Furandione, dihydro-3-methylene	112	C5H4O3	002170-03-8	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 11:55:27

Sample: AE00463
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:07 Ended: 1/14/02 00:07 Analyst: BH
 Result source: a:\00463.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 11:55:27

Sample: AE00463
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:07 Ended: 1/14/02 00:07 Analyst: BH
Result source: a:\00463.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00463.D

Vial: 6

Acq On : 14 Jan 2002 7:50 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 9:40 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	640848	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	554746	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	241627	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	429803	5.17	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	103.40%	
3) 4-BROMOFLUOROBENZENE	24.37	174	187042	4.31	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	86.20%	
25) TOLUENE-D8	18.48	98	762199	5.16	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	103.20%	
Target Compounds						
5) CHLOROMETHANE	5.44	50	2521	0.08	ug/L	97
12) ACETONE	8.29	43	57758	6.95	ug/L	97
18) 2-BUTANONE (MEK)	12.16	43	1754	-0.19	ug/L	65
46) 2-HEXANONE	19.23	43	852	0.07	ug/L	36
66) 1,4-DICHLOROBENZENE	27.04	146	7398	0.19	ug/L	90

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

00463.D HP010702.M

Tue Jan 15 09:40:54 2002

Page 1

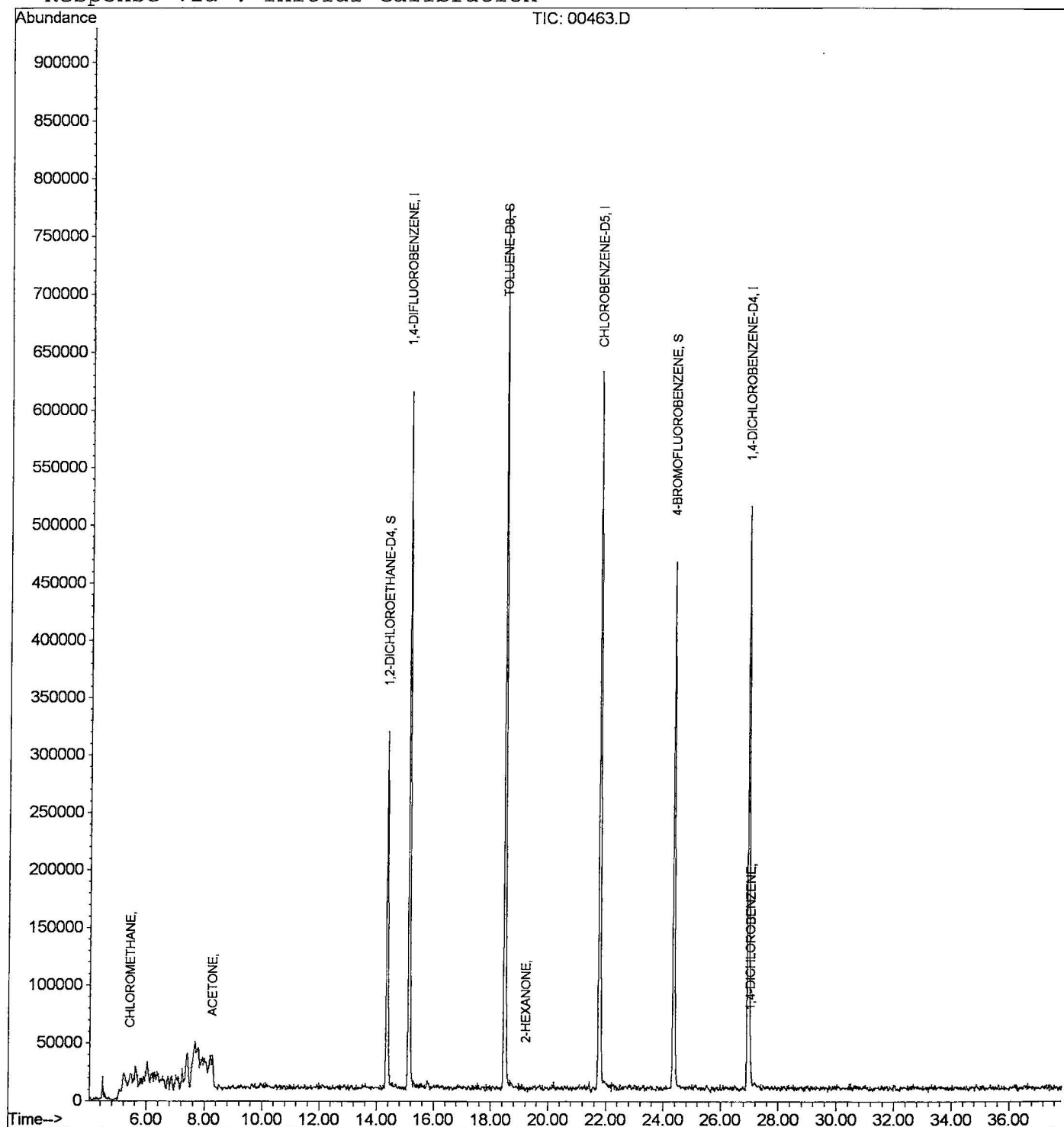
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00463.D
Acq On : 14 Jan 2002 7:50 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:40 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00463.D

Acq On : 14 Jan 2002 7:50 pm

Sample : nyc

Misc : January 14, 2002

MS Integration Params: LSCINT.P

Vial: 6

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

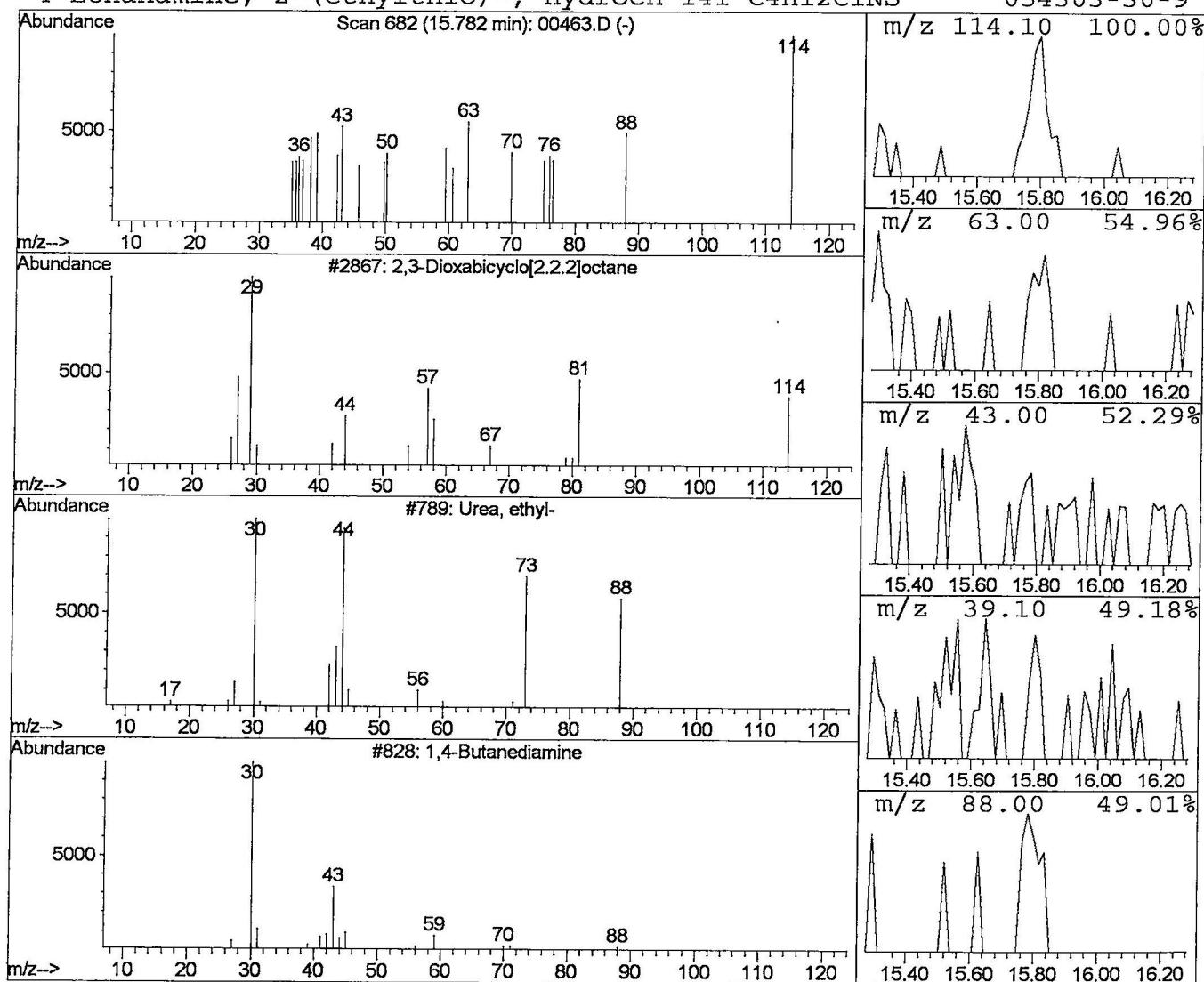
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.04 ug/L	15777	1,4-DIFLUOROBENZENE	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	7
2		Urea, ethyl-	88	C3H8N2O	000625-52-5	7
3		1,4-Butanediamine	88	C4H12N2	000110-60-1	4
4		Ethanamine, 2-(ethylthio)-, hydroch	141	C4H12ClNS	054303-30-9	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 11:57:24

Sample: AE00464
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/10/02 00:05 Ended: 1/10/02 00:05 Analyst: BH
 Result source: m:\instruments\206\rrfiles\464.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY SVDATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 11:57:24

Sample: AE00464
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/10/02 00:05 Ended: 1/10/02 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\464.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00464.D

Vial: 7

Acq On : 14 Jan 2002 8:33 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 9:42 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	625259	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	532669	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	230544	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	429023	5.29	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	105.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	177213	4.18	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	83.60%	
25) TOLUENE-D8	18.48	98	744150	5.24	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	104.80%	
Target Compounds						
12) ACETONE	8.29	43	55666	6.87	ug/L	Qvalue 91
18) 2-BUTANONE (MEK)	12.04	43	7049	0.33	ug/L	65
46) 2-HEXANONE	19.20	43	776	0.06	ug/L	36

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

00464.D HP010702.M

Tue Jan 15 09:42:38 2002

Page 1

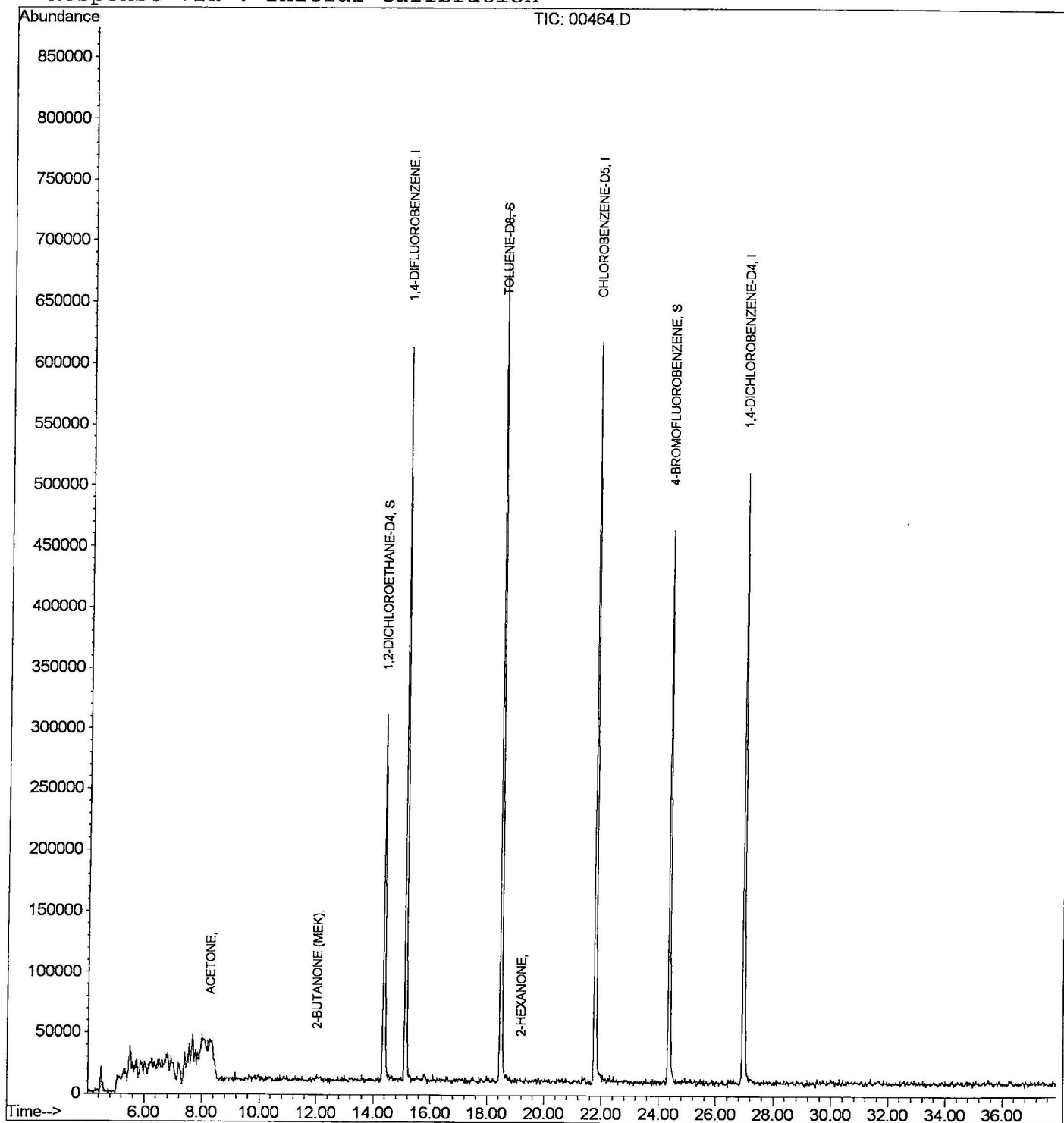
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00464.D
Acq On : 14 Jan 2002 8:33 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:42 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00464.D
Acq On : 14 Jan 2002 8:33 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P

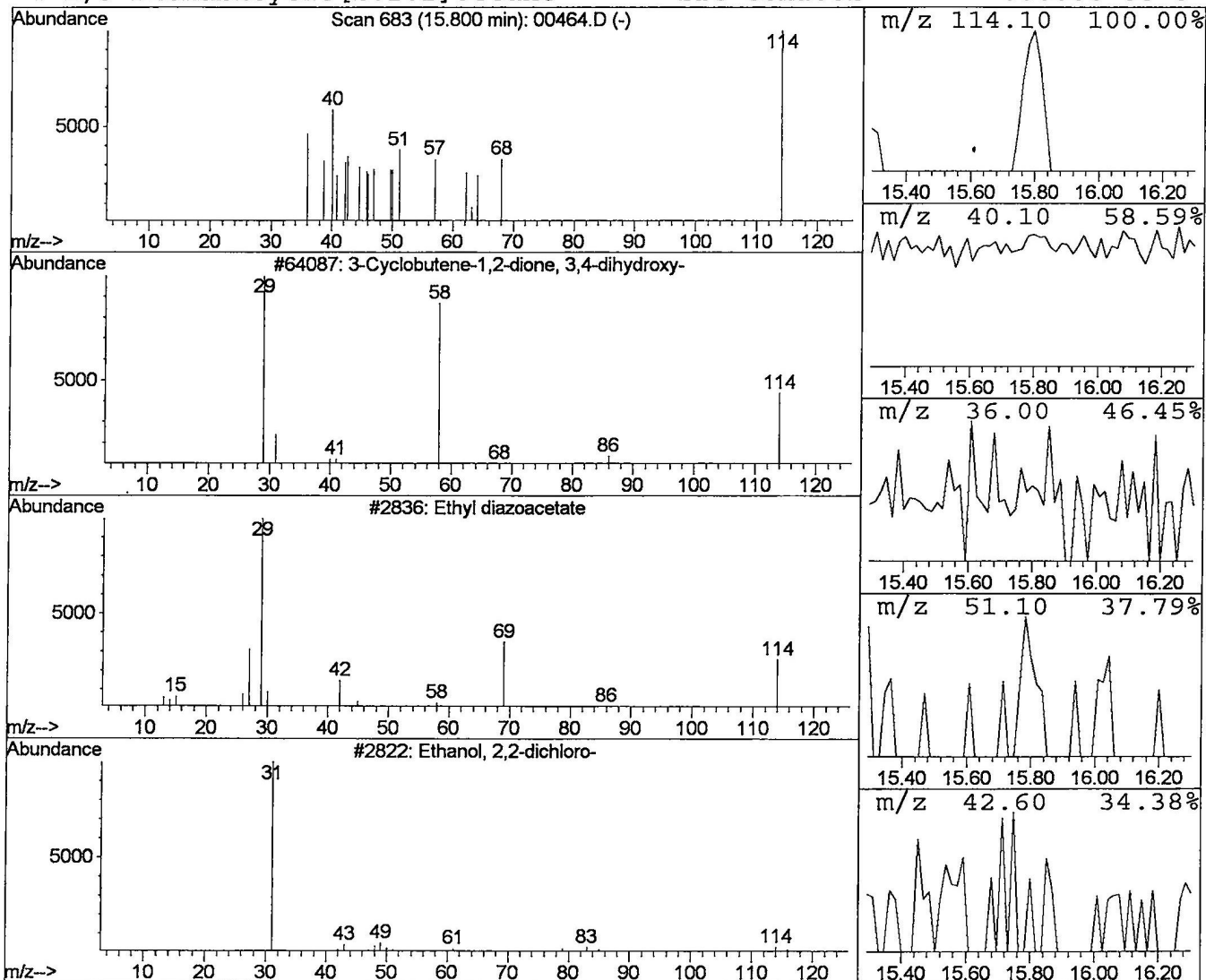
Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.11 ug/L	49776	1,4-DIFLUOROBENZENE	15.14

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			Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	4
3			Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	4
4			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 13:30:10

Sample: AE00467
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:09 Ended: 1/14/02 00:09 Analyst: BH
 Result source: a:\00467.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 13:30:10

Sample: AE00467
Analysis: §524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:09 Ended: 1/14/02 00:09 Analyst: BH
Result source: a:\00467.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00467.D

Vial: 9

Acq On : 14 Jan 2002 9:59 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 9:46 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	629715	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	524664	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	224174	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	433035	5.30	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	106.00%	
3) 4-BROMOFLUOROBENZENE	24.37	174	179181	4.20	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	84.00%	
25) TOLUENE-D8	18.50	98	751643	5.38	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	107.60%	
Target Compounds						
7) BROMOMETHANE	6.43	94	1911	0.10	ug/L	89
10) Isopropyl Alcohol	7.71	45	2774	4.07	ug/L	98
12) ACETONE	8.29	43	57086	6.99	ug/L	97
18) 2-BUTANONE (MEK)	12.07	43	7367	0.36	ug/L	65
35) METHYL ISO-BUTYL KETONE	17.12	58	484	0.09	ug/L	59
46) 2-HEXANONE	19.22	43	1430	0.12	ug/L	36

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

00467.D HP010702.M Tue Jan 15 09:46:09 2002

Page 1

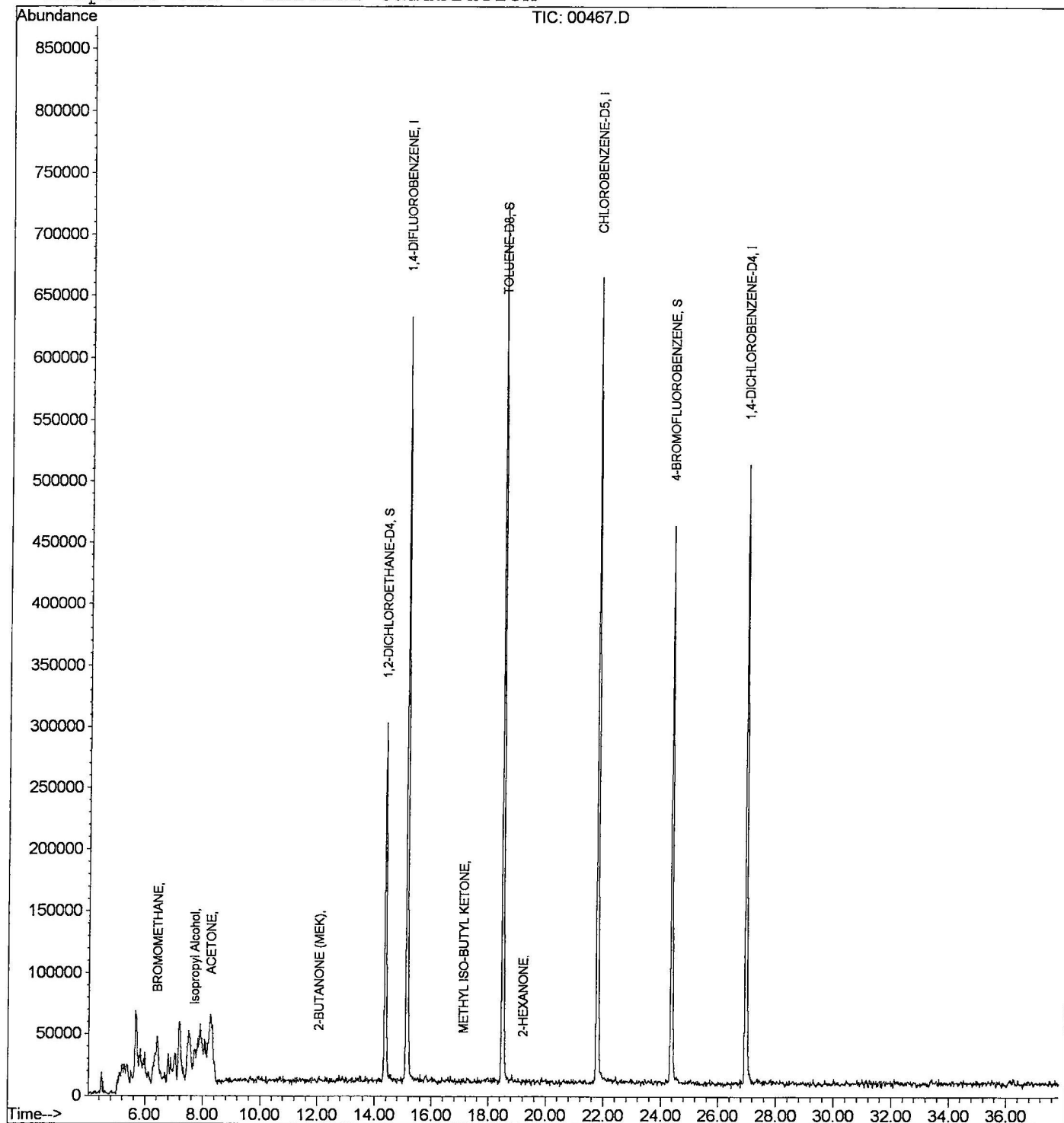
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00467.D
Acq On : 14 Jan 2002 9:59 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:46 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00467.D
 Acq On : 14 Jan 2002 9:59 pm
 Sample : nyc
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P

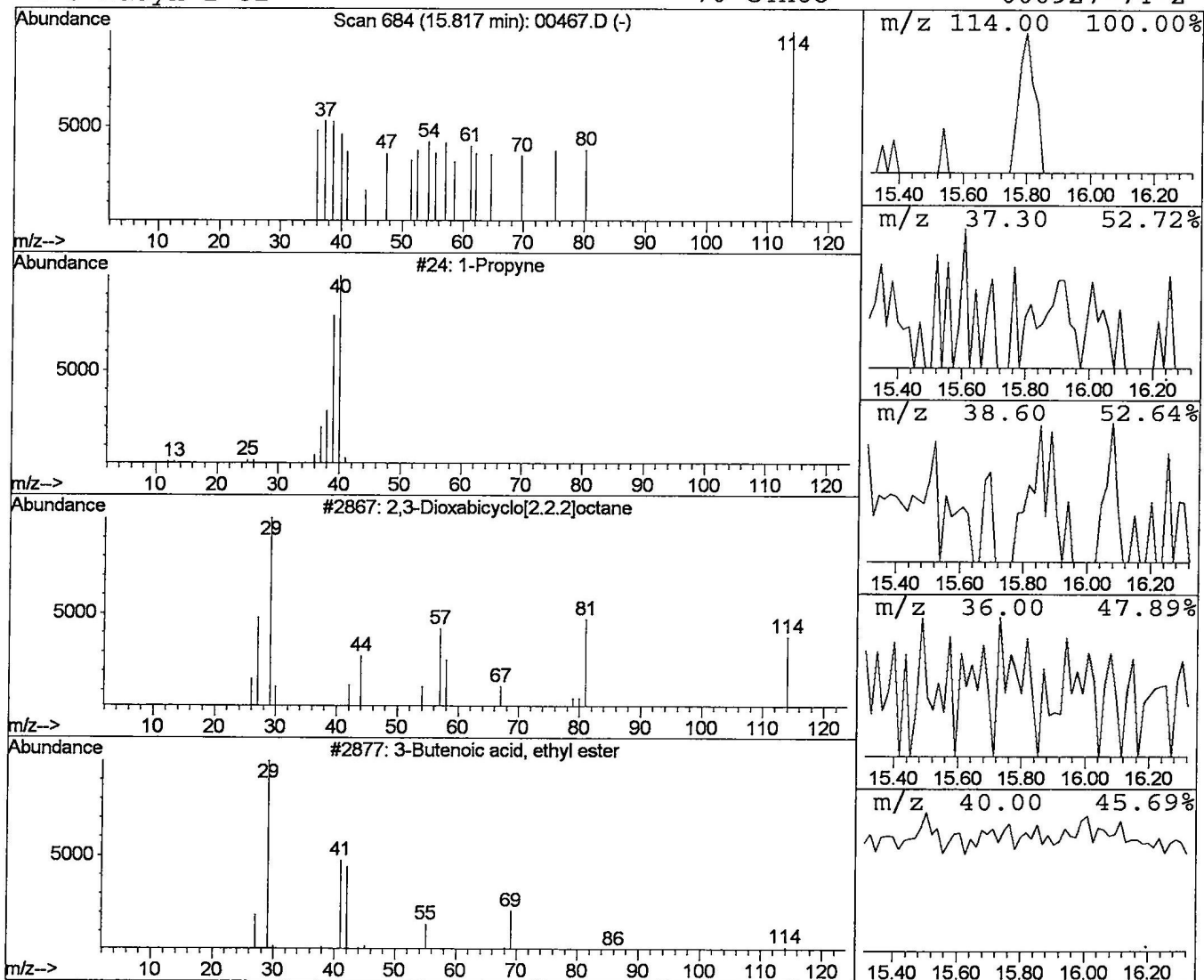
Vial: 9
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 1-Propyne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.08 ug/L	35433	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne			40	C3H4	000074-99-7	9
2	2,3-Dioxabicyclo[2.2.2]octane			114	C6H10O2	000000-00-0	7
3	3-Butenoic acid, ethyl ester			114	C6H10O2	001617-18-1	4
4	3-Butyn-1-ol			70	C4H6O	000927-74-2	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 13:37:13

Sample: AE00468
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:00 Ended: 1/14/02 00:00 Analyst: BH
 Result source: a:\00468.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY av
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 13:37:13

Sample: AE00468
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:00 Ended: 1/14/02 00:00 Analyst: BH
Result source: a:\00468.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00468.D

Vial: 10

Acq On : 14 Jan 2002 10:42 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 9:48 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	623931	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	525298	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	223806	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	418193	5.16	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	103.20%	
3) 4-BROMOFLUOROBENZENE	24.39	174	178592	4.23	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	84.60%	
25) TOLUENE-D8	18.50	98	730029	5.22	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	104.40%	
Target Compounds						
10) Isopropyl Alcohol	7.70	45	5267	7.81	ug/L	80
12) ACETONE	8.29	43	56385	6.97	ug/L	100
18) 2-BUTANONE (MEK)	12.23	43	2003	-0.16	ug/L	65

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

00468.D HP010702.M

Tue Jan 15 09:48:35 2002

Page 1

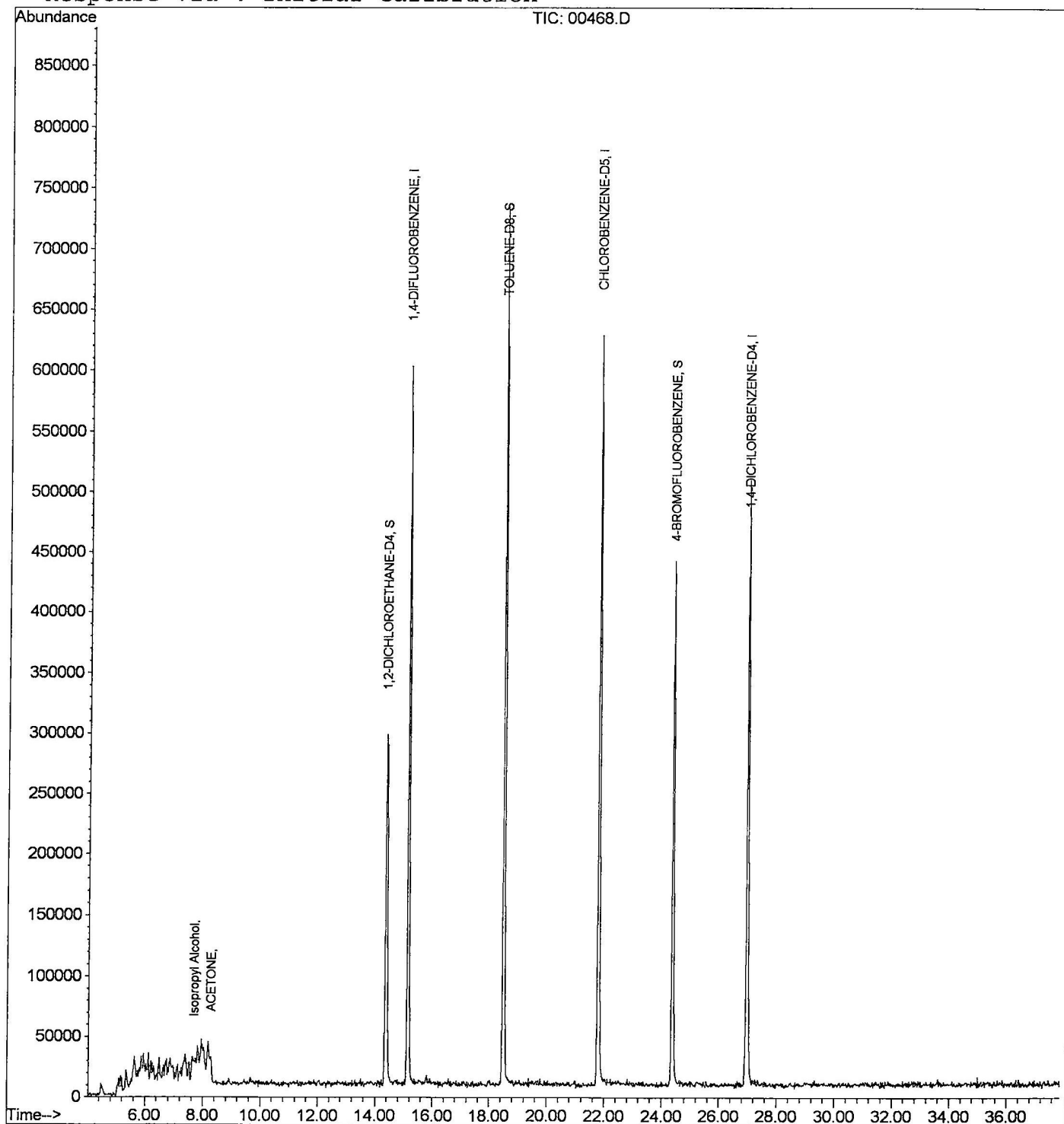
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00468.D
Acq On : 14 Jan 2002 10:42 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:48 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 13:41:54

Sample: AE00470
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/14/02 00:01 Ended: 1/14/02 00:01 Analyst: BH
 Result source: a:\00470.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY SV
 DATE 4/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 13:41:54

Sample: AE00470
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/14/02 00:01 Ended: 1/14/02 00:01 Analyst: BH
Result source: a:\00470.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN14\00470.D
Acq On : 14 Jan 2002 11:26 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:51 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	615280	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	528290	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	233788	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	419811	5.26	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	105.20%	
3) 4-BROMOFLUOROBENZENE	24.39	174	176895	4.24	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	84.80%	
25) TOLUENE-D8	18.50	98	737091	5.24	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	104.80%	
Target Compounds						
6) VINYL CHLORIDE	5.53	62	1421	0.06	ug/L	Qvalue 86
7) BROMOMETHANE	6.52	94	1016	0.05	ug/L	72
10) Isopropyl Alcohol	7.92	45	3348	5.03	ug/L	71
12) ACETONE	8.31	43	29530	3.70	ug/L	92
18) 2-BUTANONE (MEK)	12.05	43	7168	0.35	ug/L	65

(#) = qualifier out of range (m) = manual integration
00470.D HP010702.M Tue Jan 15 09:51:39 2002

Page 1

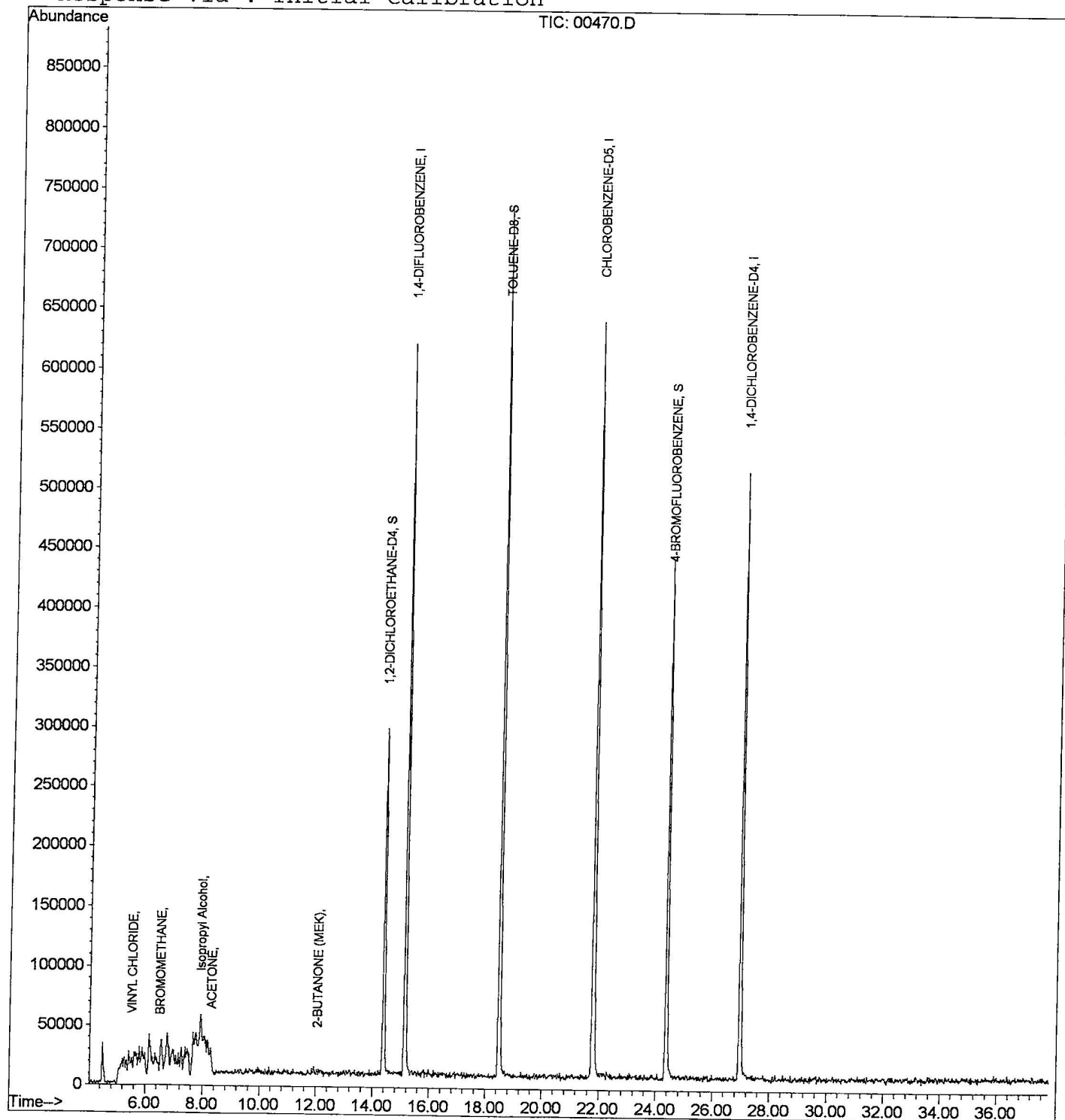
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00470.D
Acq On : 14 Jan 2002 11:26 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:51 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00470.D
Acq On : 14 Jan 2002 11:26 pm
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P

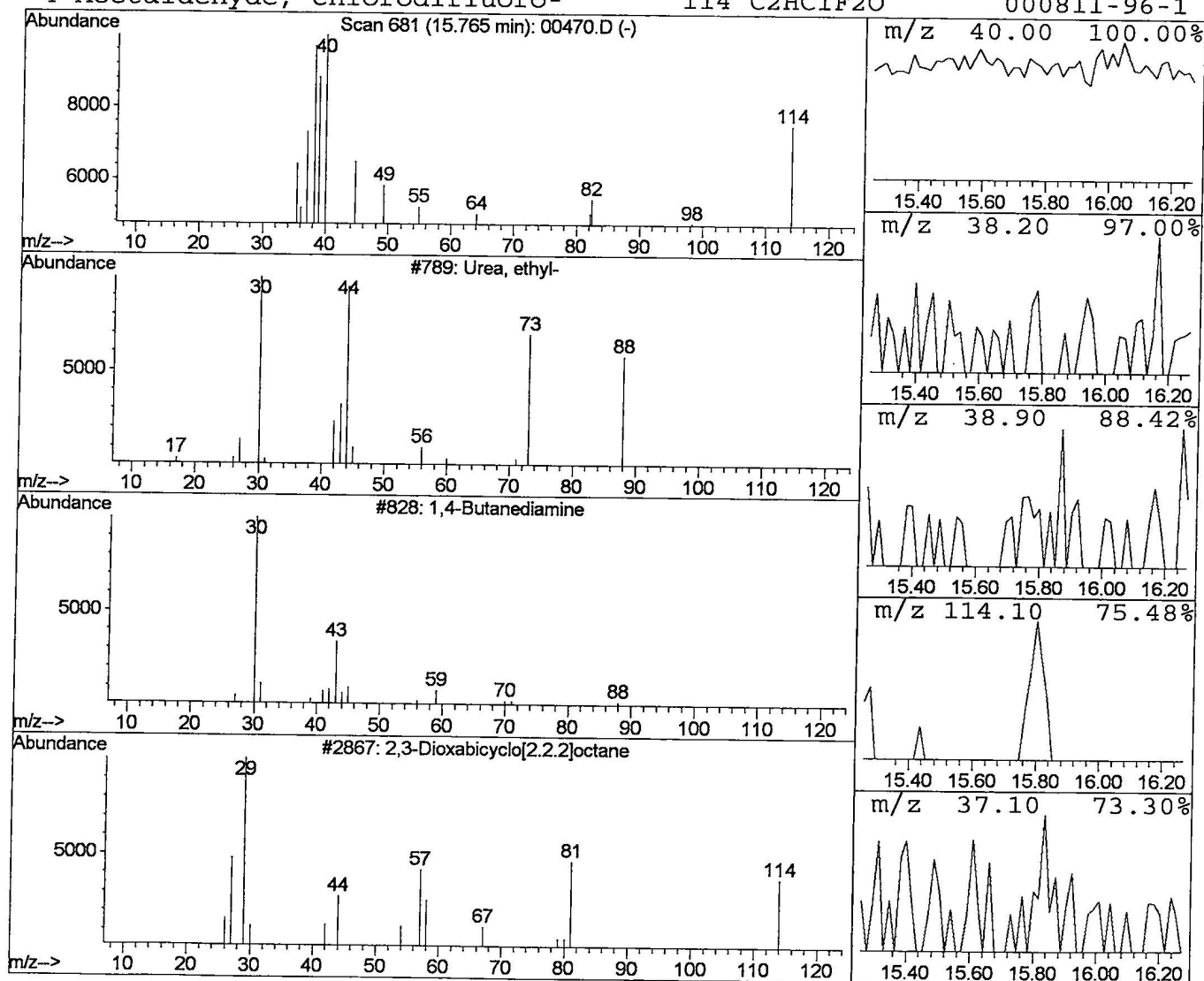
Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Urea, ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	12752	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Urea, ethyl-	88	C3H8N2O	000625-52-5	7
2			1,4-Butanediamine	88	C4H12N2	000110-60-1	4
3			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
4			Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/15/2002 Time: 13:46:39

Sample: AE00471
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/15/02 00:09 Ended: 1/15/02 00:09 Analyst: BH
 Result source: a:\00471.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY BV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/15/2002 Time: 13:46:39

Sample: AE00471
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/15/02 00:09 Ended: 1/15/02 00:09 Analyst: BH
Result source: a:\00471.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Data File : C:\HPCHEM\1\DATA\02JAN14\00471.D
 Acq On : 15 Jan 2002 12:09 am
 Sample : nyc
 Misc : January 14, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 15 9:54 2002

Vial: 12
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.16	114	617708	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	521963	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	221516	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	427697	5.33	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	106.60%	
3) 4-BROMOFLUOROBENZENE	24.39	174	174437	4.17	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	83.40%	
25) TOLUENE-D8	18.50	98	743581	5.35	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	107.00%	
Target Compounds						
5) CHLOROMETHANE	5.62	50	2377	0.08	ug/L	Qvalue 90
12) ACETONE	8.29	43	72721	9.08	ug/L	94
18) 2-BUTANONE (MEK)	12.05	43	9122	0.54	ug/L	65

 (#) = qualifier out of range (m) = manual integration
 00471.D HP010702.M Tue Jan 15 09:55:02 2002

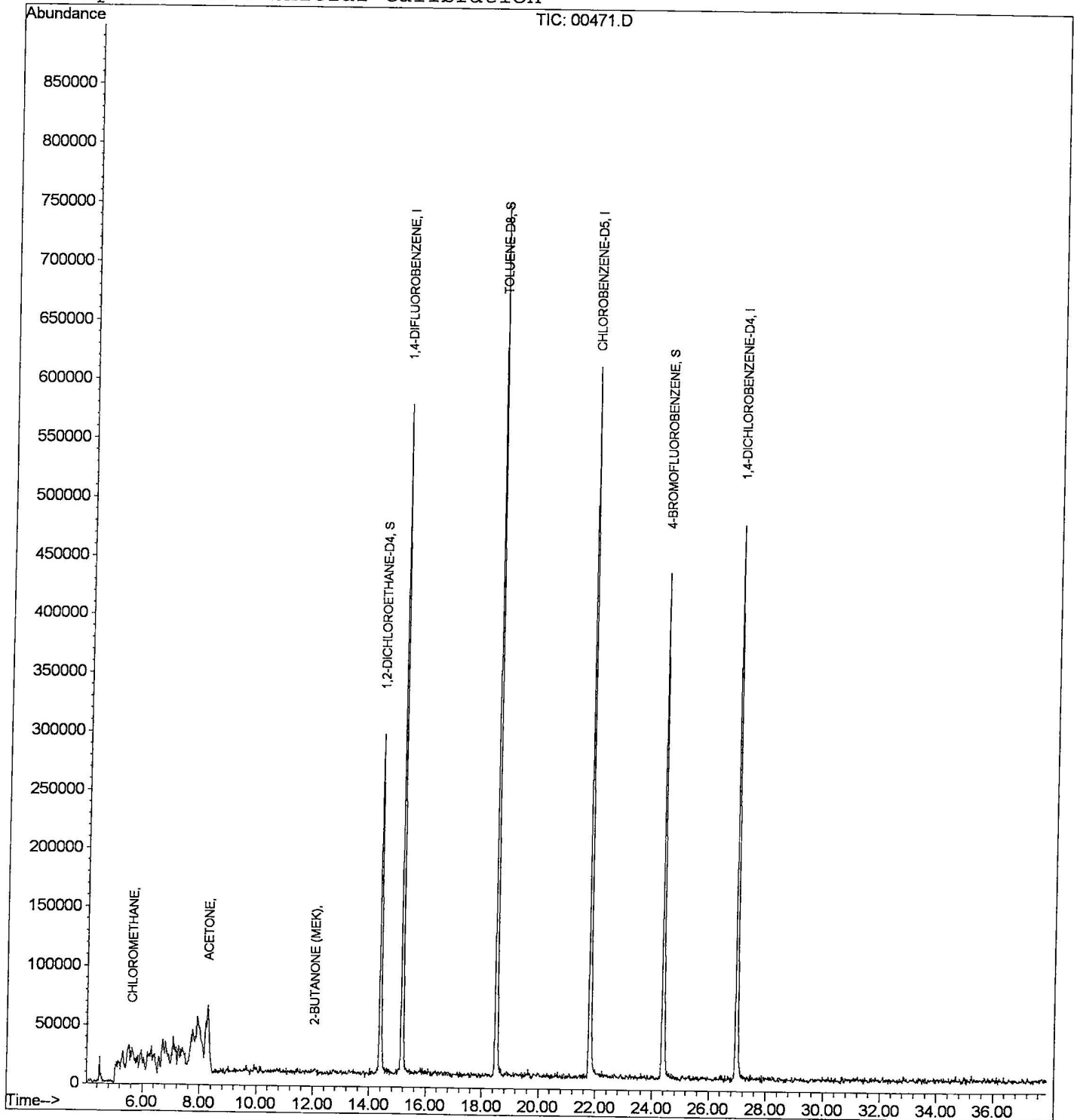
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN14\00471.D
Acq On : 15 Jan 2002 12:09 am
Sample : nyc
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:54 2002

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 10:51:09

Sample: AE00248
 Analysis: \$B2524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 1/15/20 00:09 Ended: 1/15/20 00:09 Analyst: BH
 Result source: a:\0115b1.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.9
2	Surr - 4-BROMOFLUOROBENZ		4.3
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.71
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.079
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		0.19
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		5.3
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: 01/16/2002 Time: 10:51:09

Sample: AE00248
Analysis: \$B2524 Volatile Organic Compounds-Blank
Units: ug
Started: 1/15/20 00:09 Ended: 1/15/20 00:09 Analyst: BH
Result source: a:\0115b1.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\02jan15\0115B1.D
Acq On : 15 Jan 2002 9:17 am
Sample : lab blank 1
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:56 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	734853	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.79	117	614424	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	269278	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	463636	4.86	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	97.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	214101	4.30	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	86.00%	
25) TOLUENE-D8	18.48	98	870968	5.32	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	106.40%	
Target Compounds						
10) Isopropyl Alcohol	7.79	45	804	1.01	ug/L	78
12) ACETONE	8.27	43	6788	0.71	ug/L	56
14) METHYLENE CHLORIDE	9.63	49	5363	0.08	ug/L	86
18) 2-BUTANONE (MEK)	12.00	43	6547	0.19	ug/L	65

in blank too

(#) = qualifier out of range (m) = manual integration
0115B1.D HP010702.M Tue Jan 15 09:57:12 2002

Page 1

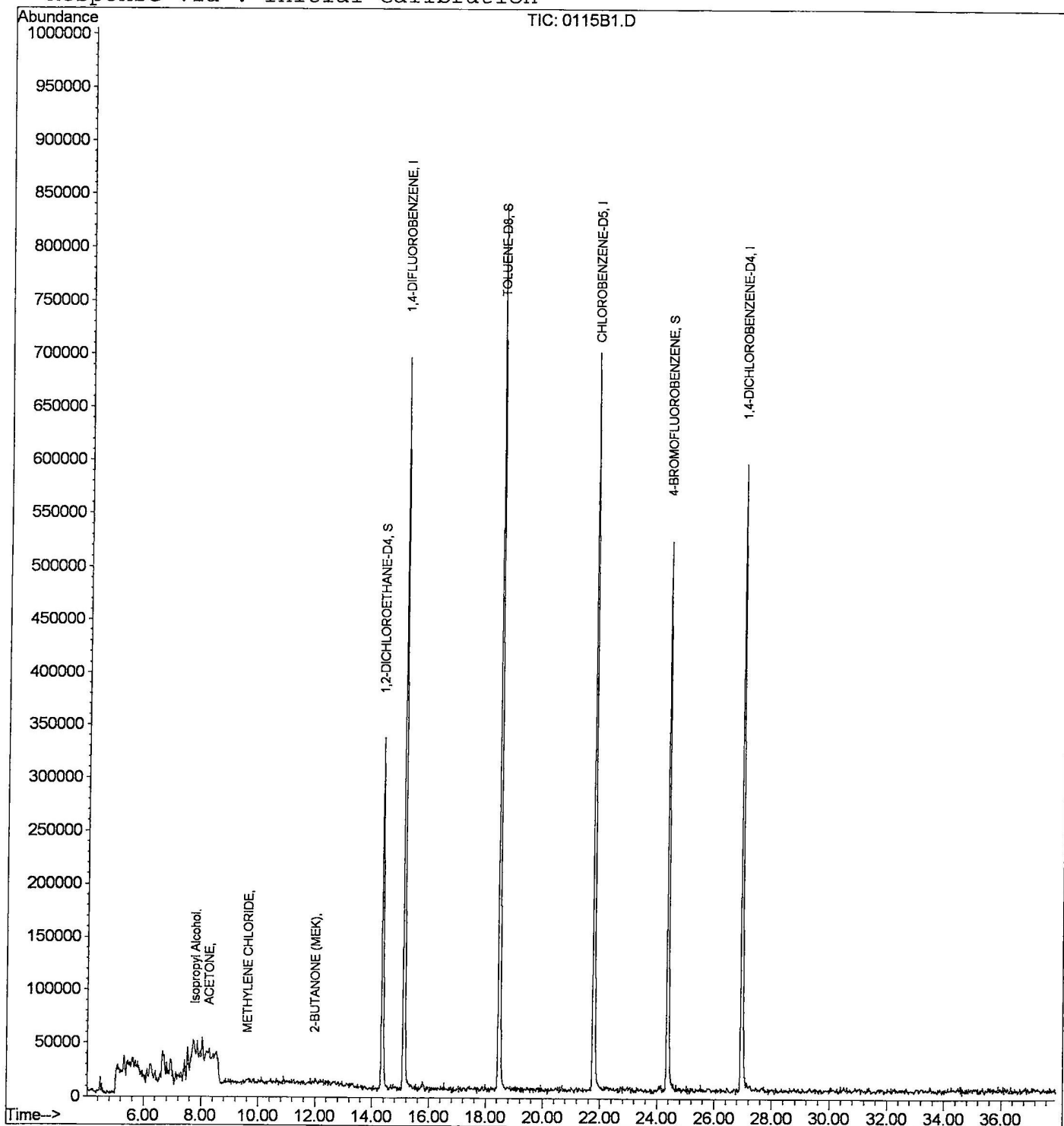
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\0115B1.D
Acq On : 15 Jan 2002 9:17 am
Sample : lab blank 1
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 9:56 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 10:50:43

Sample: AE00248
 Analysis: \$C3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 1/15/02 00:00 Ended: 1/15/02 00:00 Analyst: BH
 Result source: a:\0115c10.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1	.5
2	Surr_4-BROMOFLUOROBENZE		4.7	.5
3	Dichlorodifluoromethane		11	.5
4	Chloromethane		9.2	.5
5	Vinyl chloride		11	.5
6	Bromomethane		10	.5
7	Chloroethane		9.8	.5
8	Trichlorofluoromethane		10	.5
9	1,1-Dichloroethene		8.6	.5
10	Methylene Chloride		8.3	.5
11	Methyl tert-butyl ether		8.2	1.0
12	trans-1,2-dichloroethene		9.3	.5
13	1,1-dichloroethane		9.4	.5
14	2-butanone (MEK)		7.9	2.0
15	2,2-dichloropropane		9.1	.5
16	cis-1,2-dichloroethene		9.8	.5
17	Chloroform		9.4	.5
18	Bromochloromethane		9.1	.5
19	1,2-dichloroethane		9.2	.5
20	Surr_TOLUENE-DB		5.2	.5
21	1,1,1-trichloroethane		9.6	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		9.8	.5
24	Benzene		10	.5
25	Trichloroethene		9.9	.5
26	1,2-dichloropropane		9.3	.5
27	Dibromomethane		9.3	.5
28	Bromodichloromethane		9.9	.5
29	Methyl iso-butyl ketone		8.8	1.0
30	cis-1,3-dichloropropene		9.8	.5
31	Toluene		9.8	.5
32	trans-1,3-dichloropropene		9.3	.5
33	1,1,2-trichloroethane		9.5	.5
34	Tetrachloroethene		9.8	.5
35	1,3-dichloropropane		9.5	.5
36	Dibromochloromethane		9.5	2.0
37	Chlorobenzene		9.5	.5
38	1,1,1,2-tetrachloroethane		9.3	.5
39	Ethylbenzene		9.8	.5
40	P & M-xylene		20	.5
41	O-xylene		10	.5
42	Styrene		10	.5
43	1,1,2,2-tetrachloroethane		9.3	.5
44	Bromoform		9.2	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		9.6	.5
47	N-propylbenzene		10	.5
48	Bromobenzene		9.6	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 10:50:43

Sample: AE00248
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/15/02 00:00 Ended: 1/15/02 00:00 Analyst: BH
Result source: a:\0115c10.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		9.6	.5
51	4-chlorotoluene		11	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		10	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		9.8	.5
57	1,4-dichlorobenzene		10	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		9.5	.5
60	1,2,4-trichlorobenzene		9.1	.5
61	Hexachlobutadiene		9.0	.5
62	Naphthalene		8.5	.5
63	1,2,3-trichlorobenzene		9.0	.5
64	Nitrobenzene		150	5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan15\0115C10.D

Vial: 2

Acq On : 15 Jan 2002 10:00 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 10:39 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	798246	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.80	117	679905	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	335661	5.00	ug/L	-0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.37	65	526857	5.08	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	101.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	253981	4.70	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	94.00%	
25) TOLUENE-D8	18.50	98	949443	5.24	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	104.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	381127	10.90	ug/L	99
5) CHLOROMETHANE	5.54	50	357804	9.21	ug/L	97
6) VINYL CHLORIDE	5.62	62	349405	10.89	ug/L	95
7) BROMOMETHANE	6.61	94	257619	10.15	ug/L	99
8) CHLOROETHANE	6.74	64	219728	9.78	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.32	101	659841	10.42	ug/L	98
10) Isopropyl Alcohol	7.87	45	5262	6.10	ug/L	74
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	357967	8.54	ug/L	93
12) ACETONE	8.29	43	77096	7.45	ug/L	97
13) 1,1-DICHLOROETHENE	8.64	61	545671	8.60	ug/L	98
14) METHYLENE CHLORIDE	9.65	49	612390	8.33	ug/L	97
15) METHYL TERT BUTYL ETHER	9.95	73	353233	8.23	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.31	61	585702	9.32	ug/L	97
17) 1,1-DICHLOROETHANE	11.20	63	648662	9.40	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	108925	7.93	ug/L	98
19) 2,2-DICHLOROPROPANE	12.42	77	441071	9.13	ug/L	94
20) CIS-1,2-DICHLOROETHENE	12.53	96	342437	9.78	ug/L	91
21) CHLOROFORM	12.86	83	745257	9.45	ug/L	97
22) BROMOCHLOROMETHANE	13.24	49	363309	9.13	ug/L	99
23) 1,2-DICHLOROETHANE	14.58	62	600783	9.17	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.74	97	592214	9.55	ug/L	95
27) 1,1-DICHLOROPROPENE	14.08	75	488818	10.18	ug/L	99
28) CARBON TETRACHLORIDE	14.34	117	610459	9.80	ug/L	98
29) BENZENE	14.67	78	1261371	10.12	ug/L	98
30) TRICHLOROETHENE	15.94	95	377634	9.88	ug/L	98
31) 1,2-DICHLOROPROPANE	16.31	63	331733	9.27	ug/L	99
32) DIBROMOMETHANE	16.97	174	147318	9.31	ug/L	92
33) BROMODICHLOROMETHANE	16.81	83	523836	9.90	ug/L	95

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

0115C10.D HP010702.M

Tue Jan 15 10:39:25 2002

Page 1

Data File : C:\HPCHEM\1\DATA\02jan15\0115C10.D

Vial: 2

Acq On : 15 Jan 2002 10:00 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : January 14, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 10:39 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.30	63	98660	8.77	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.39	58	60209	8.75	ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.91	75	399956	9.80	ug/L	96
37) TOLUENE	18.68	91	1172471	9.78	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.94	75	290662	9.33	ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.34	97	196805	9.46	ug/L	95
40) TETRACHLOROETHENE	20.10	166	315902	9.79	ug/L	97
41) 1,3-DICHLOROPROPANE	19.86	76	382632	9.50	ug/L	98
42) DIBROMOCHLOROMETHANE	20.56	129	270084	9.52	ug/L	98
43) 1,2-DIBROMOETHANE	21.01	107	187665	9.00	ug/L	97
44) CHLOROBENZENE	21.88	112	767648	9.52	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.93	131	282056	9.30	ug/L	99
46) 2-HEXANONE	19.23	43	127450	8.35	ug/L	95
47) ETHYLBENZENE	21.92	91	1467321	9.79	ug/L	100
48) P & M-XYLENE	22.07	106	1003442	20.16	ug/L	95
49) O-XYLENE	23.05	91	1156900	10.15	ug/L	98
50) STYRENE	23.10	104	733887	10.10	ug/L	95
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	211124	9.29	ug/L	97
53) BROMOFORM	23.97	173	120099	9.22	ug/L	96
54) ISOPROPYLBENZENE	23.78	105	1191940	10.33	ug/L	97
55) 1,2,3-TRICHLOROPROPANE	24.46	110	69677	9.61	ug/L	99
56) N-PROPYLBENZENE	24.65	91	1640631	10.18	ug/L	98
57) BROMOBENZENE	24.90	156	294856	9.63	ug/L	96
58) 1,3,5-TRIMETHYLBENZENE	24.95	105	1128896	10.37	ug/L	99
59) 2-CHLOROTOLUENE	25.12	91	1084856	9.62	ug/L	96
60) 4-CHLOROTOLUENE	25.19	91	1109232	10.70	ug/L	99
61) TERT-BUTYLBENZENE	25.75	119	966283	10.36	ug/L	98
62) 1,2,4-TRIMETHYLBENZENE	25.84	105	1148489	10.24	ug/L	100
63) SEC-BUTYLBENZENE	26.20	105	1288110	10.35	ug/L	98
64) P-ISOPROPYLTOLUENE	26.46	119	969164	10.31	ug/L	96
65) 1,3-DICHLOROBENZENE	26.83	146	528010	9.77	ug/L	100
66) 1,4-DICHLOROBENZENE	27.04	146	565021	10.18	ug/L	97
67) N-BUTYLBENZENE	27.35	91	1091646	10.14	ug/L	96
68) 1,2-DICHLOROBENZENE	27.89	146	451731	9.49	ug/L	95
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.67	157	20057	8.55	ug/L	88
70) 1,2,4-TRICHLOROBENZENE	31.99	180	261455	9.06	ug/L	97
71) HEXACHLOROBTADIENE	32.30	225	182783	8.95	ug/L	98
72) NAPHTHALENE	32.84	128	322219	8.47	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.54	180	223251	8.99	ug/L	97
74) NITROBENZENE	29.90	77	120163	148.38	ug/L	95

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

0115C10.D HP010702.M

Tue Jan 15 10:39:28 2002

Page 2

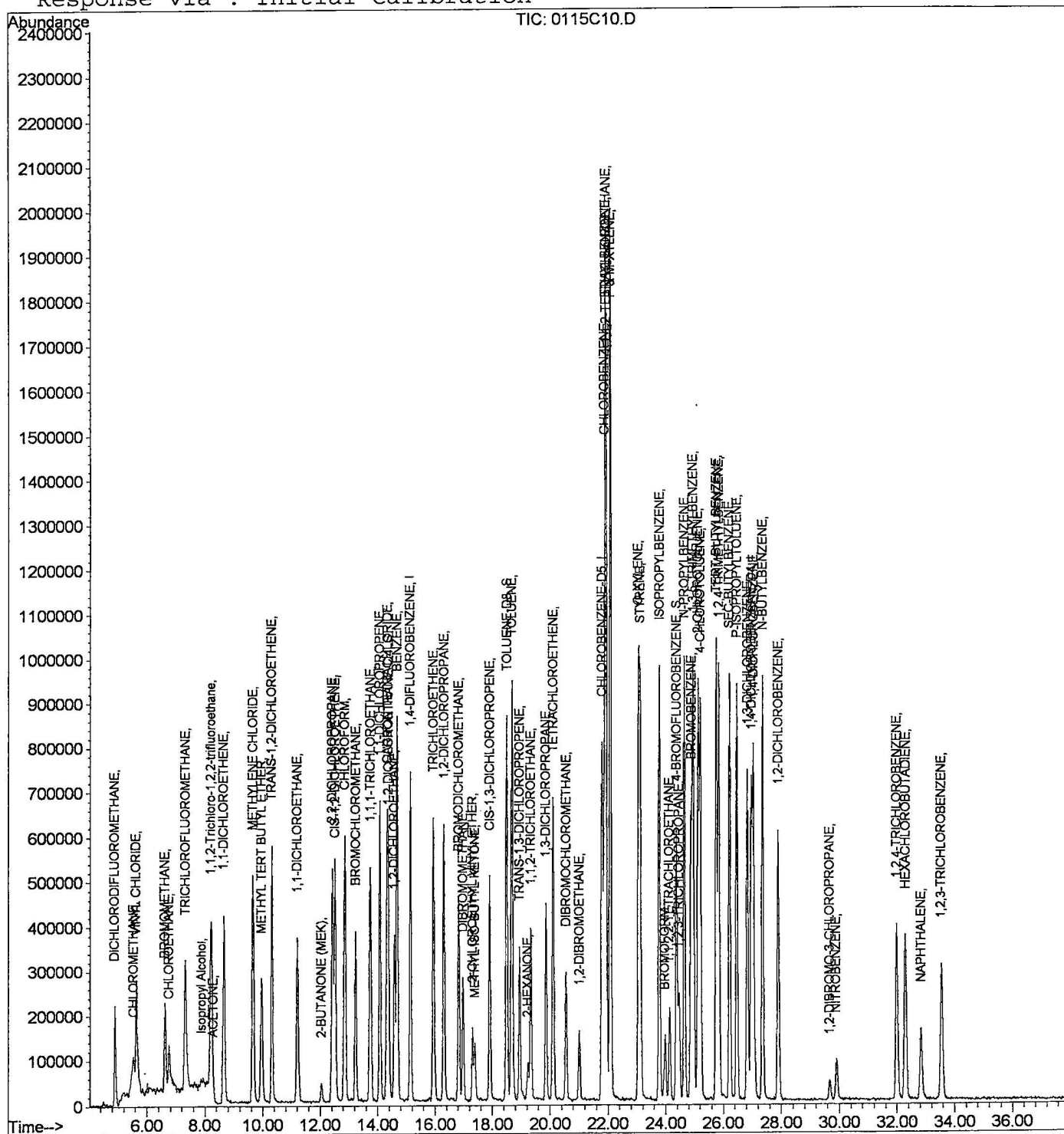
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\0115C10.D
Acq On : 15 Jan 2002 10:00 am
Sample : cal 10
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 10:39 2002

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

Quant Results File: HP010702.RES

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Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Thu Jan 10 08:57:29 2002
Response via  : Initial Calibration
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Data File : C:\HPCHEM\1\DATA\02jan15\0115B2.D
Acq On : 15 Jan 2002 11:03 am
Sample :
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 11:42 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	741079	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.81	117	614722	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	266176	5.00	ug/L	-0.04

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.37	65	492093	5.12	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	102.40%	
3) 4-BROMOFLUOROBENZENE	24.39	174	217617	4.33	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	86.60%	
25) TOLUENE-D8	18.50	98	873548	5.33	ug/L	-0.04
Spiked Amount	5.000		Recovery	=	106.60%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
10) Isopropyl Alcohol	8.20	45	6943	8.67	ug/L	81
12) ACETONE	8.50	43	4644	0.48	ug/L	56
14) METHYLENE CHLORIDE	9.67	49	6173	0.09	ug/L	84
18) 2-BUTANONE (MEK)	12.04	43	6738	0.20	ug/L	68
46) 2-HEXANONE	19.23	43	1370	0.10	ug/L	36

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

0115B2.D HP010702.M Tue Jan 15 11:42:24 2002

Page 1

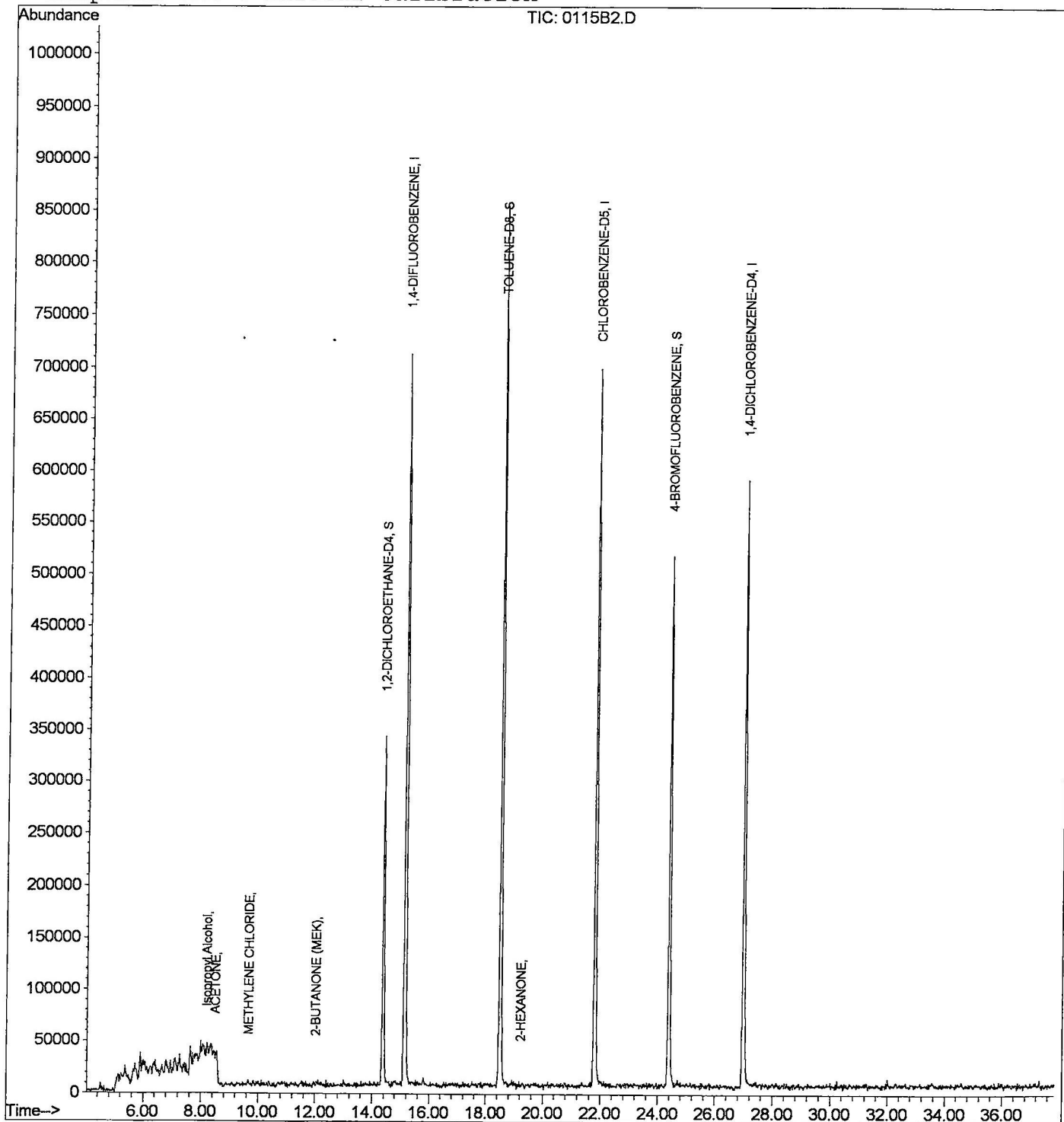
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\0115B2.D
Acq On : 15 Jan 2002 11:03 am
Sample :
Misc : January 14, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 15 11:42 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 10:50:20

Sample: AE00248
 Analysis: \$P_524 Duplicate calculation for 524
 Units: ug
 Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.20
2	Surr - 4-BROMOFLUOROBENZ		0.20
3	DICHLORODIFLUOROMETHAN		< 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		< MDL
12	TRANS-1,2-DICHLOROETHEN		< 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		0.20
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-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< 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-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 10:50:20

Sample: AE00248
Analysis: \$P_524 Duplicate calculation for 524
Units: ug
Started: 1/14/02 00:02 Ended: 1/14/02 00:02 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
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-CHLOROPRO		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 10:50:08

Sample: AE00248
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
 Result source: a:\248d.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9	.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		5.4	.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
36	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: 01/16/2002 Time: 10:50:08

Sample: AE00248
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
Result source: a:\248d.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\02jan15\248D.D

Vial: 5

Acq On : 15 Jan 2002 12:04 pm

Operator: 201-wb

Sample : nyc dup

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 12:43 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.16	114	716410	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	596200	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	258980	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	455983	4.90	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	98.00%	
3) 4-BROMOFLUOROBENZENE	24.41	174	205950	4.24	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	84.80%	
25) TOLUENE-D8	18.50	98	851633	5.36	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	107.20%	
Target Compounds						
10) Isopropyl Alcohol	7.70	45	4897	6.32	ug/L	99
12) ACETONE	8.31	43	28426	3.06	ug/L	94
18) 2-BUTANONE (MEK)	12.25	43	1973	-0.19	ug/L	65
46) 2-HEXANONE	19.30	43	1034	0.08	ug/L	36

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

248D.D HP010702.M

Tue Jan 15 12:43:21 2002

Page 1

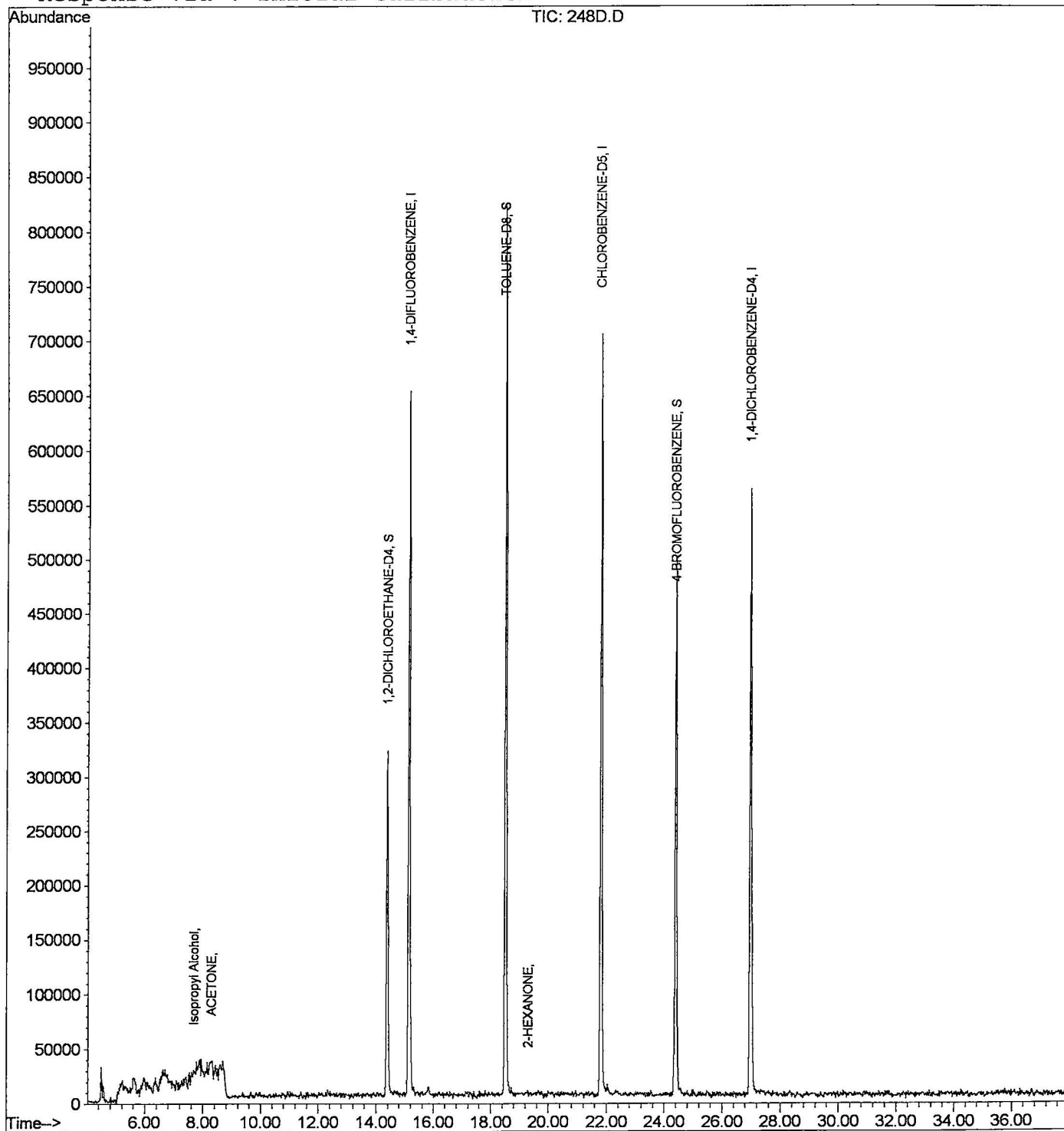
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\248D.D
Acq On : 15 Jan 2002 12:04 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 15 12:43 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN15\248D.D

Acq On : 15 Jan 2002 12:04 pm

Sample : nyc dup

Misc :

MS Integration Params: LSCINT.P

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

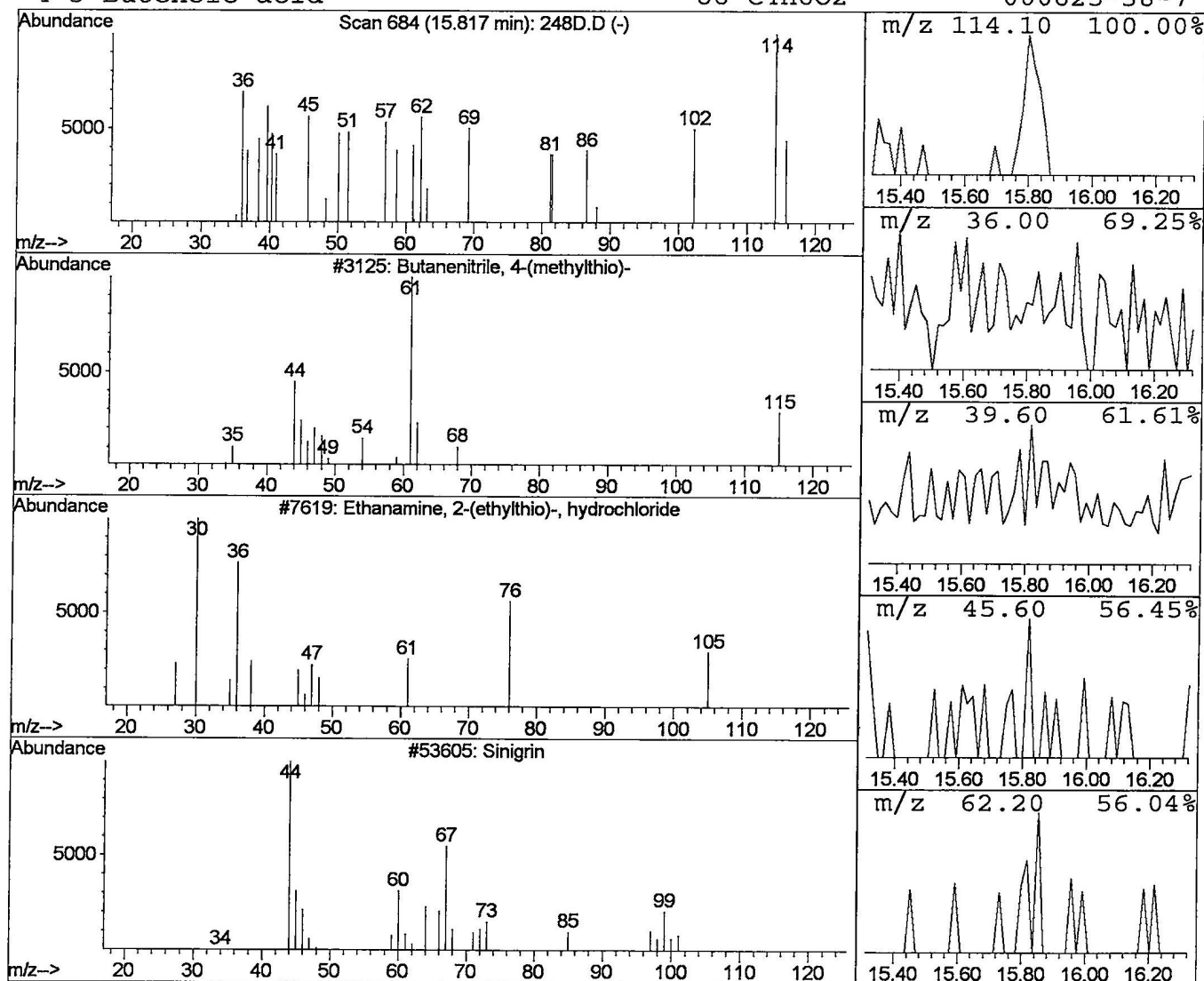
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Butanenitrile, 4-(methylthio)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.06 ug/L	31018	1,4-DIFLUOROBENZENE	15.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanenitrile, 4-(methylthio)-	115	C5H9NS	059121-24-3	74
2			Ethanamine, 2-(ethylthio)-, hydroch	141	C4H12ClNS	054303-30-9	64
3			Sinigrin	397	C10H16KNO9S2	003952-98-5	64
4			3-Butenoic acid	86	C4H6O2	000625-38-7	64



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 11:02:54

Sample: AE00472
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
 Result source: a:\472.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY 2V
 DATE 1/24/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 11:02:54

Sample: AE00472
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
Result source: a:\472.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< MDL	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Data File : C:\HPCHEM\1\DATA\02jan15\472.D

Vial: 6

Acq On : 15 Jan 2002 12:47 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 13:26 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	730499	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	619211	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	27.00	152	260361	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	473307	4.99	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	99.80%	
3) 4-BROMOFLUOROBENZENE	24.41	174	206509	4.17	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	83.40%	
25) TOLUENE-D8	18.52	98	873383	5.29	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	105.80%	
Target Compounds						
5) CHLOROMETHANE	5.59	50	4371	0.12	ug/L	Qvalue 74
7) BROMOMETHANE	6.59	94	2931	0.13	ug/L	79
10) Isopropyl Alcohol	7.89	45	1677	2.12	ug/L	76
12) ACETONE	8.31	43	47528	5.02	ug/L	96
14) METHYLENE CHLORIDE	9.67	49	3795	0.06	ug/L	86
18) 2-BUTANONE (MEK)	12.04	43	8403	0.35	ug/L	65

higher
in blanks

LOD

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

472.D HP010702.M Tue Jan 15 13:26:27 2002

Page 1

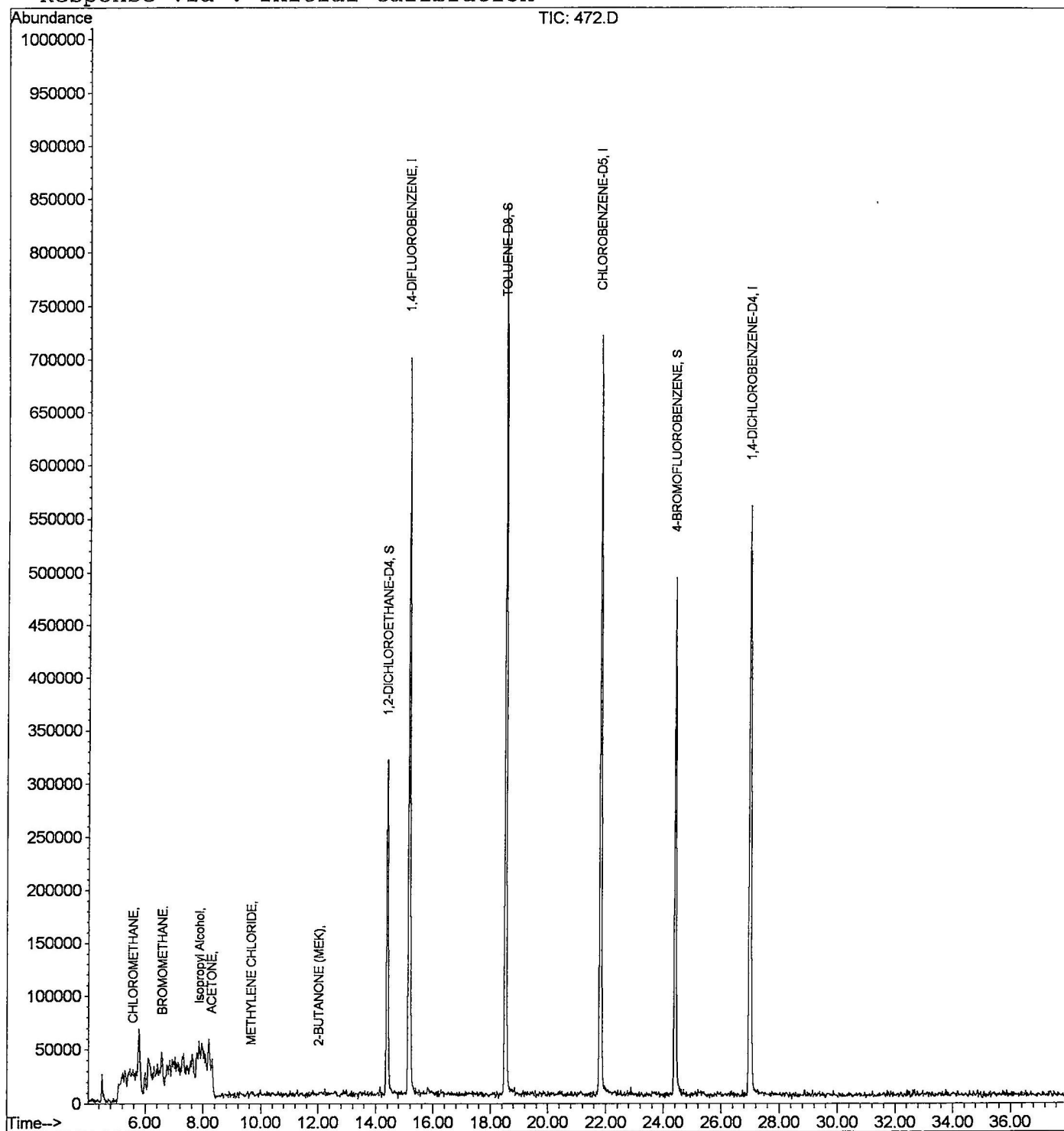
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\472.D
Acq On : 15 Jan 2002 12:47 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 15 13:26 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

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Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Thu Jan 10 08:57:29 2002
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 11:04:01

Sample: AEO0613
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/15/02 00:01 Ended: 1/15/02 00:01 Analyst: BH
 Result source: a:\613.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY AV
 DATE 1/24/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 11:04:01

Sample: AE00613
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/15/02 00:01 Ended: 1/15/02 00:01 Analyst: BH
Result source: a:\613.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< MDL	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan15\613.D

Vial: 7

Acq On : 15 Jan 2002 1:31 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 14:09 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	709162	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	589002	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	260099	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	457100	4.97	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	99.40%	
3) 4-BROMOFLUOROBENZENE	24.41	174	207850	4.33	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	86.60%	
25) TOLUENE-D8	18.52	98	847984	5.40	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	108.00%	
Target Compounds						
5) CHLOROMETHANE	5.57	50	3433	0.10	ug/L	97
10) Isopropyl Alcohol	7.80	45	3454	4.50	ug/L	85
12) ACETONE	8.31	43	35499	3.86	ug/L	92
14) METHYLENE CHLORIDE	9.67	49	5238	0.08	ug/L	85
18) 2-BUTANONE (MEK)	12.07	43	6689	0.22	ug/L	65
35) METHYL ISO-BUTYL KETONE	17.18	58	880	0.15	ug/L	49
46) 2-HEXANONE	19.28	43	2842	0.21	ug/L	36

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

613.D HP010702.M Tue Jan 15 14:09:35 2002

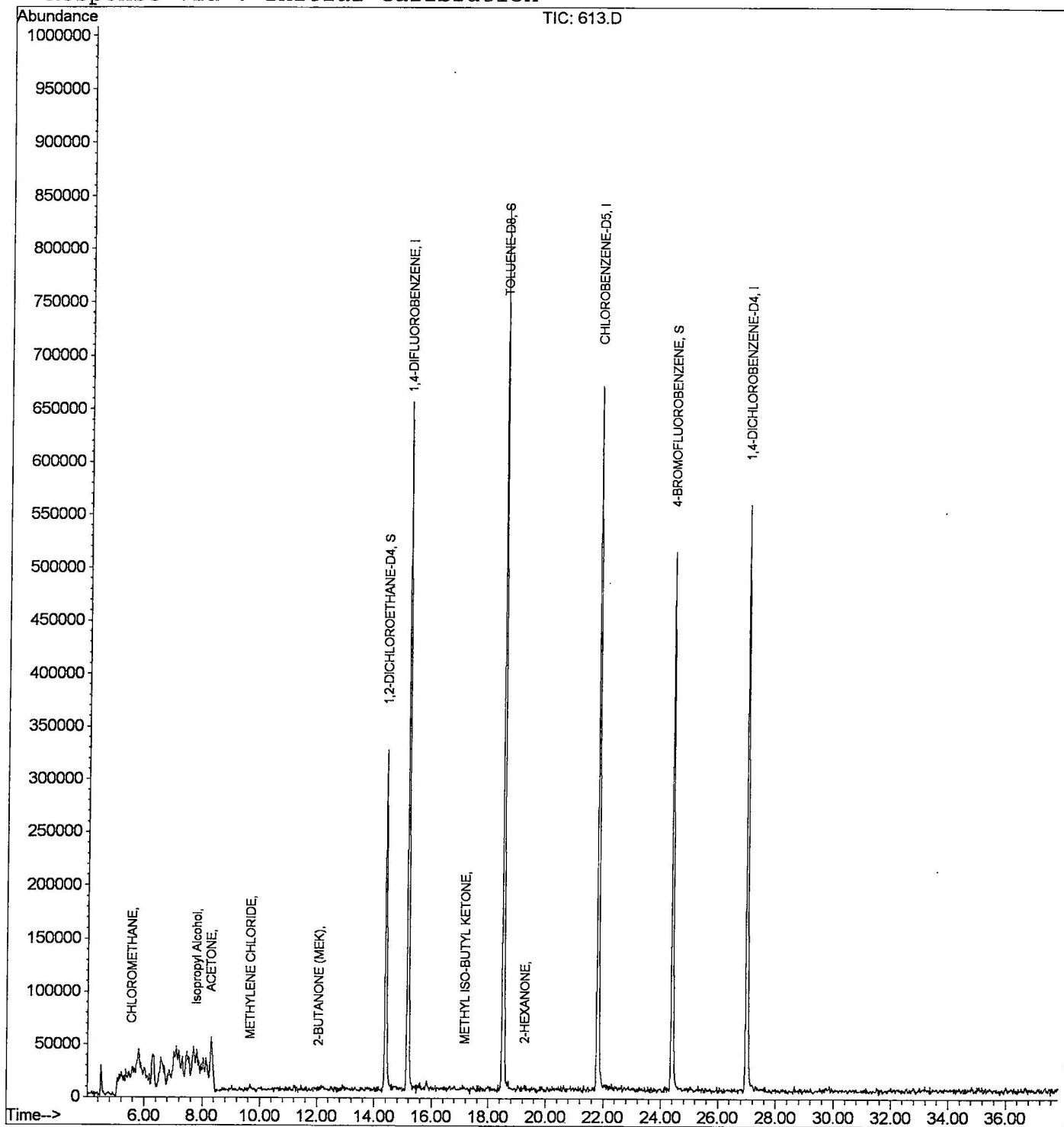
Page 1

Data File : C:\HPCHEM\1\DATA\02jan15\613.D
Acq On : 15 Jan 2002 1:31 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 15 14:09 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN15\613.D

Acq On : 15 Jan 2002 1:31 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 7

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

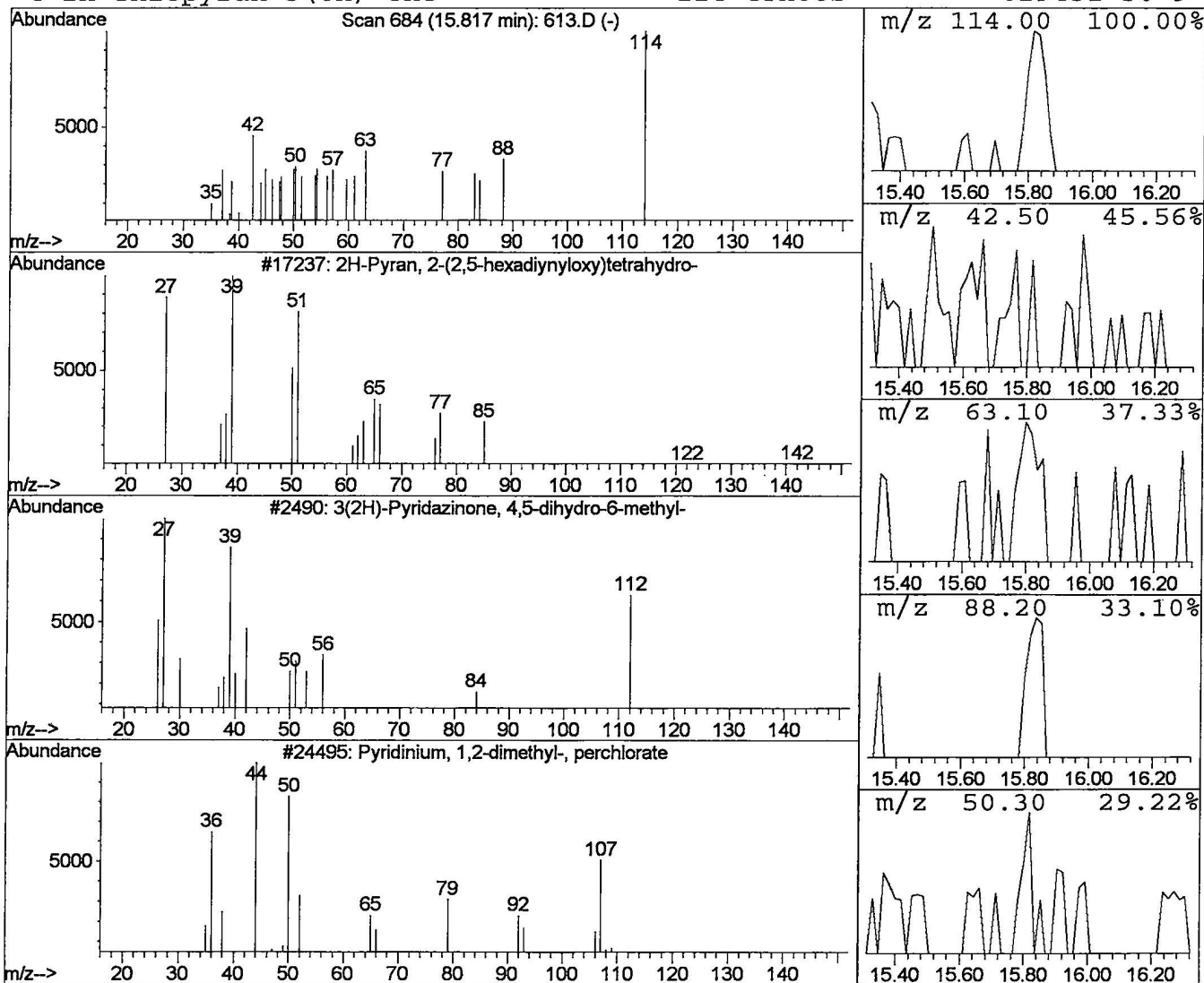
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2H-Pyran, 2-(2,5-hexadiynyloxy) Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.10 ug/L	47587	1,4-DIFLUOROBENZENE	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, 2-(2,5-hexadiynyloxy)tetr	178	C11H14O2	040924-58-1	40
2		3(2H)-Pyridazinone, 4,5-dihydro-6-m	112	C5H8N2O	005157-08-4	25
3		Pyridinium, 1,2-dimethyl-, perchlor	207	C7H10ClNO4	052805-99-9	12
4		2H-Thiopyran-3(6H)-one	114	C5H6OS	029431-30-9	9



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 11:04:32

Sample: AE00614
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
 Result source: a:\614.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY	<u>AR</u>
DATE	<u>1/24/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 11:04:32

Sample: AE00614
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
Result source: a:\614.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< MDL	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan15\614.D

Acq On : 15 Jan 2002 2:13 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 15 14:52 2002

Vial: 8

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	705989	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	595739	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	255981	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	456716	4.98	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	99.60%	
3) 4-BROMOFLUOROBENZENE	24.41	174	205130	4.29	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	85.80%	
25) TOLUENE-D8	18.52	98	840451	5.30	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	106.00%	
Target Compounds						
5) CHLOROMETHANE	5.46	50	5289	0.15	ug/L	Qvalue 73
7) BROMOMETHANE	6.58	94	1708	0.08	ug/L	64
12) ACETONE	8.31	43	68121	7.44	ug/L	90
14) METHYLENE CHLORIDE	9.65	49	5490	0.08	ug/L	86
18) 2-BUTANONE (MEK)	12.07	43	7498	0.29	ug/L	65
46) 2-HEXANONE	19.28	43	1226	0.09	ug/L	36

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

614.D HP010702.M Tue Jan 15 14:52:25 2002

Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\614.D

Acq On : 15 Jan 2002 2:13 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 15 14:52 2002

Vial: 8

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

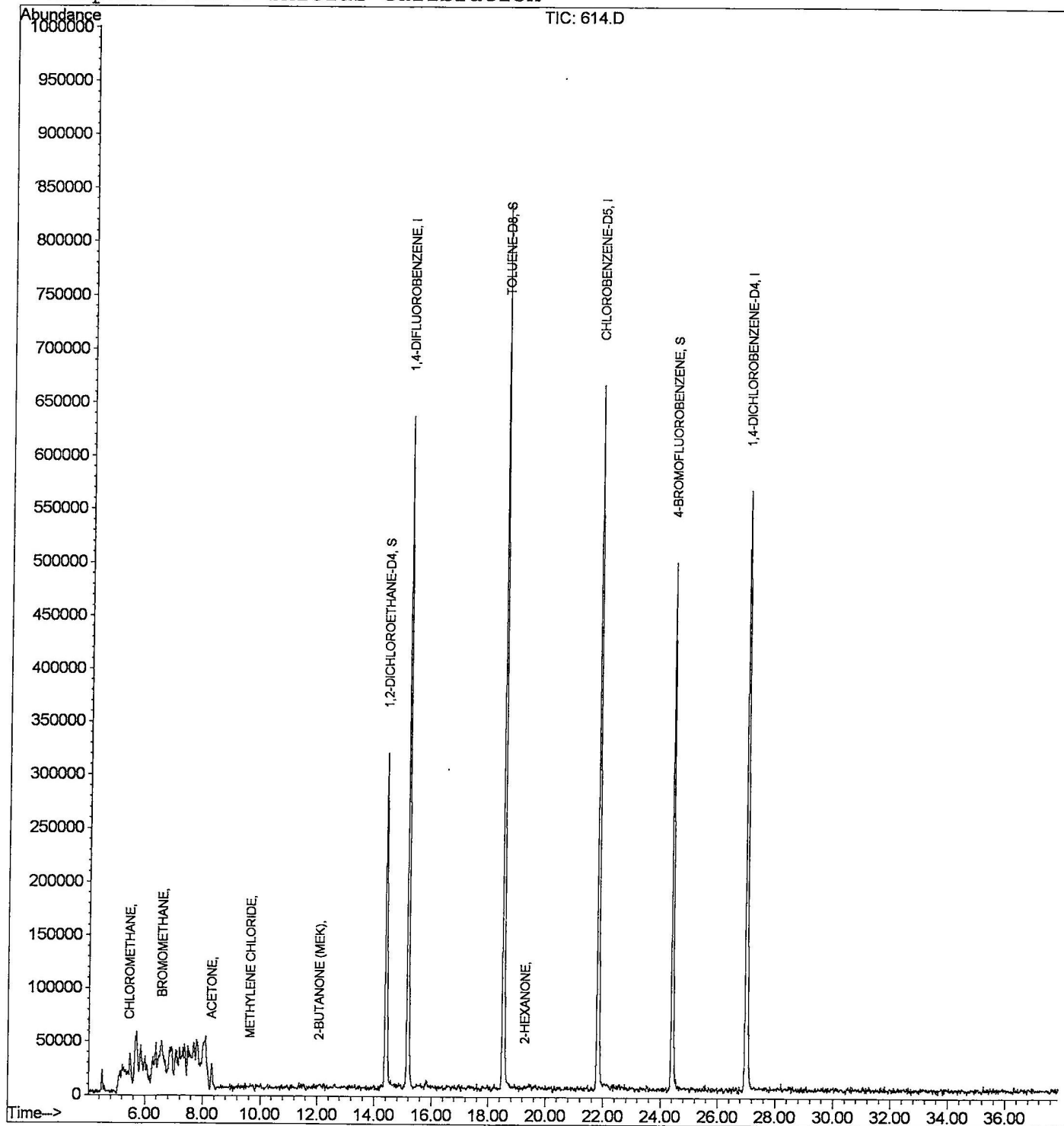
Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration



Library Search Compound Report

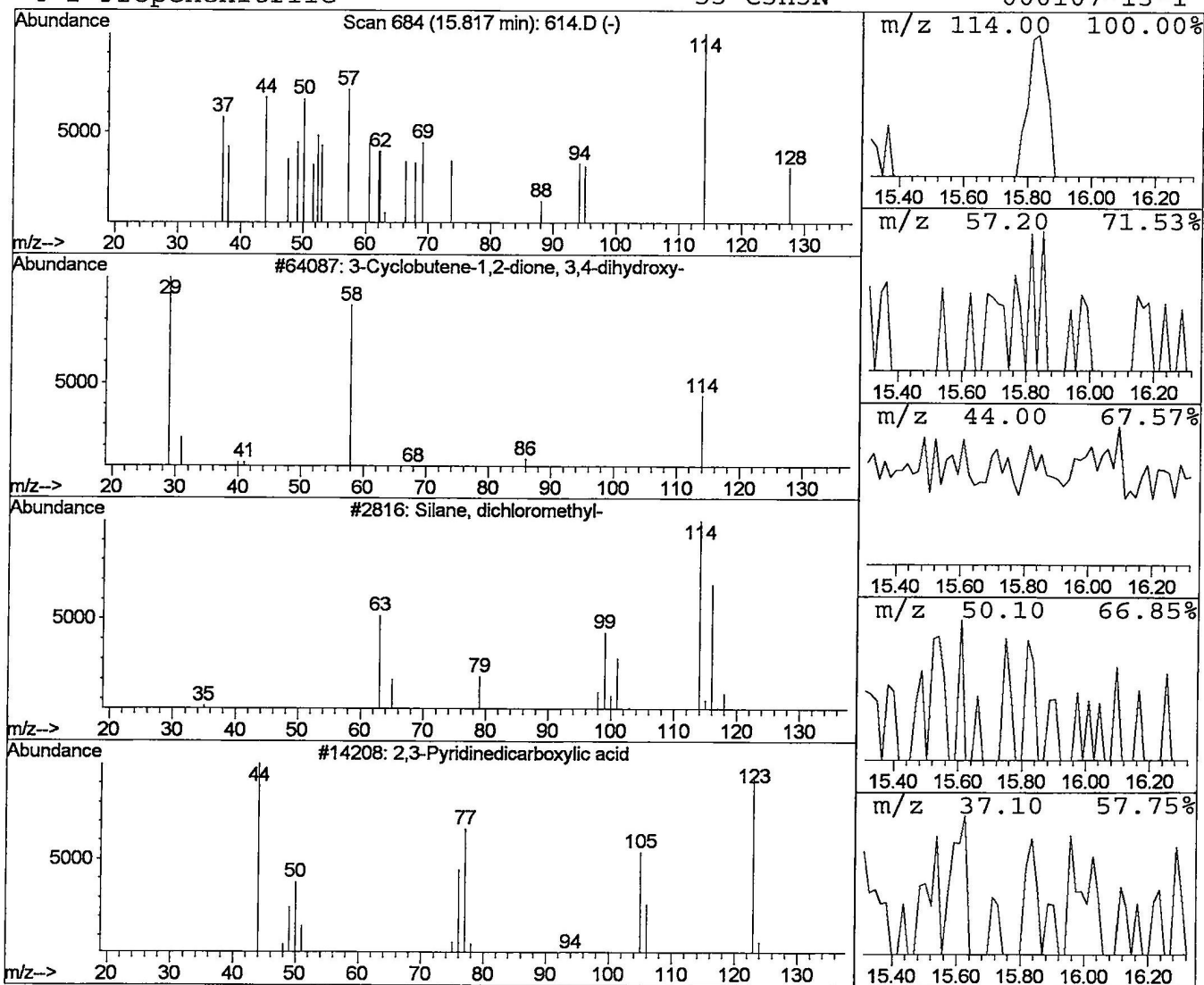
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Acq On : 15 Jan 2002 2:13 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

Quant Method : C:\HPCHEM\1\METHODS\HP010702.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.82	0.05 ug/L	25646	1,4-DIFLUOROBENZENE	15.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	7
2		Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	7
3		2,3-Pyridinedicarboxylic acid	167	C7H5NO4	000089-00-9	7
4		2-Propenenitrile	53	C3H3N	000107-13-1	5



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 11:05:05

Sample: AE00615
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
 Result source: a:\615.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY 27
 DATE 1/24/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 11:05:05

Sample: AE00615
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/15/02 00:02 Ended: 1/15/02 00:02 Analyst: BH
Result source: a:\615.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< MDL	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Data File : C:\HPCHEM\1\DATA\02jan15\615.D
 Acq On : 15 Jan 2002 2:57 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 15 15:35 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	686747	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.81	117	566838	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	27.00	152	243232	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	438940	4.92	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	98.40%	
3) 4-BROMOFLUOROBENZENE	24.41	174	194472	4.18	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	83.60%	
25) TOLUENE-D8	18.52	98	821194	5.44	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	108.80%	
Target Compounds						
5) CHLOROMETHANE	5.71	50	3215	0.10	ug/L	Qvalue 96
10) Isopropyl Alcohol	8.01	45	6561	8.84	ug/L	83
12) ACETONE	8.31	43	23916	2.69	ug/L	92
18) 2-BUTANONE (MEK)	12.21	43	2153	-0.16	ug/L	65

 (#) = qualifier out of range (m) = manual integration
 615.D HP010702.M Tue Jan 15 15:35:32 2002

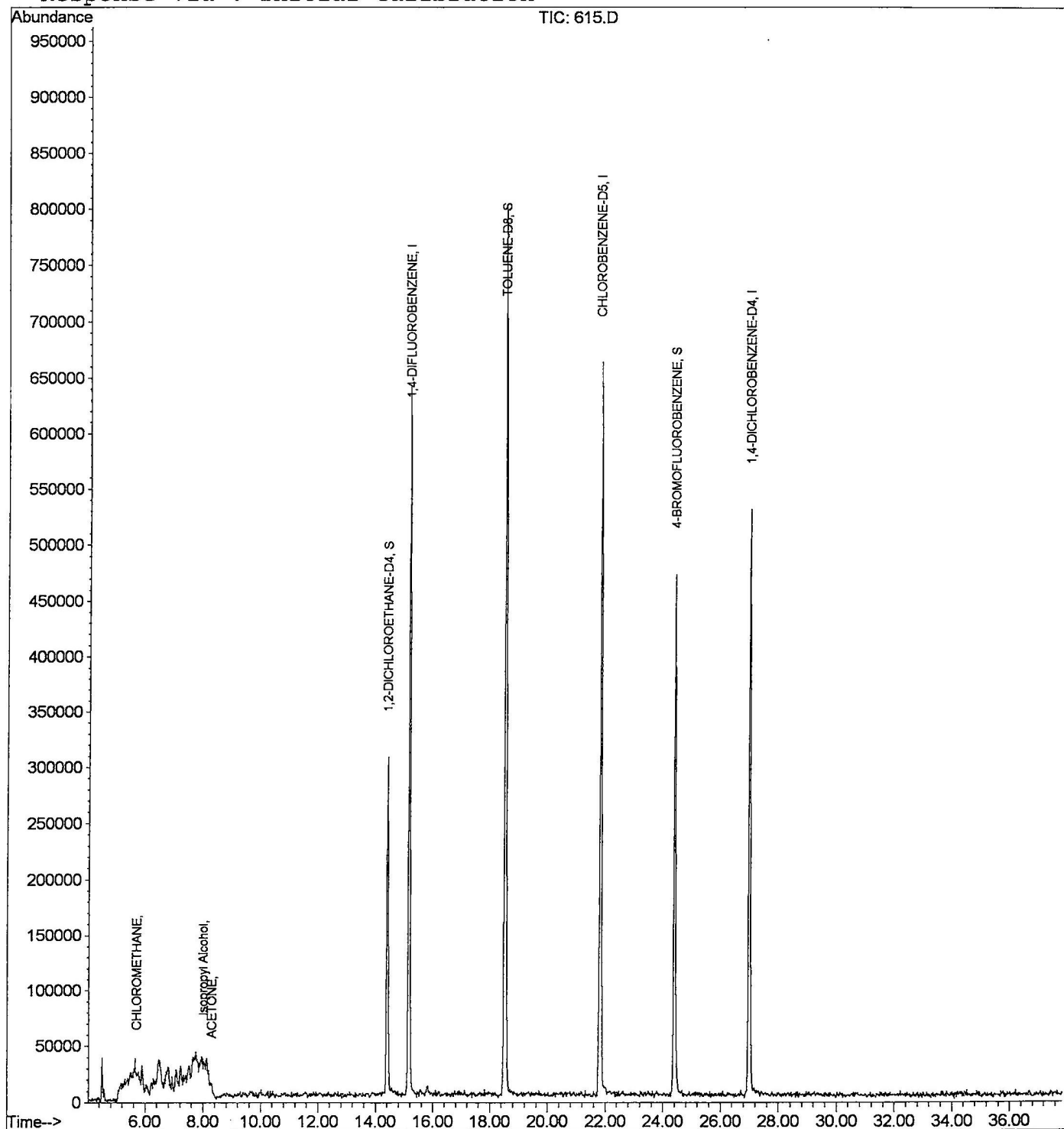
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\615.D
Acq On : 15 Jan 2002 2:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 15 15:35 2002

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

Quant Results File: HP010702.RES

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Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Thu Jan 10 08:57:29 2002
Response via  : Initial Calibration
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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN15\615.D

Acq On : 15 Jan 2002 2:57 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 9

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

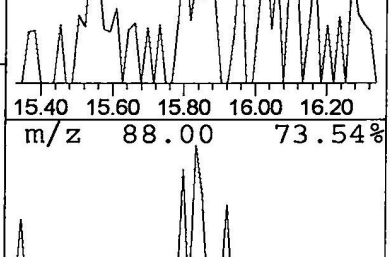
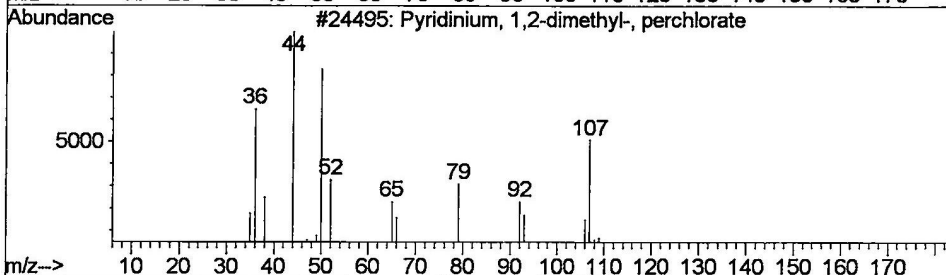
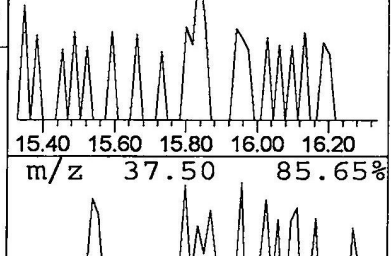
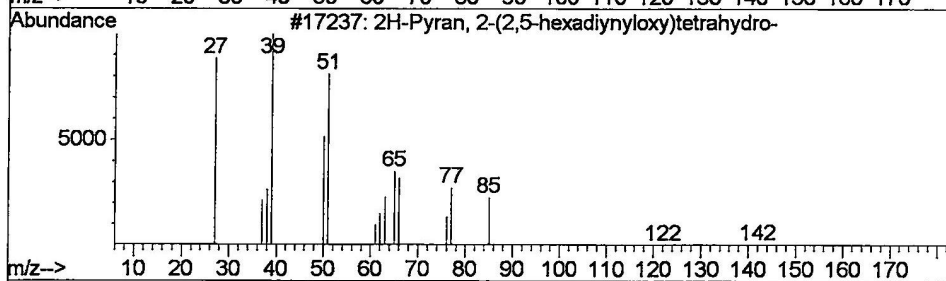
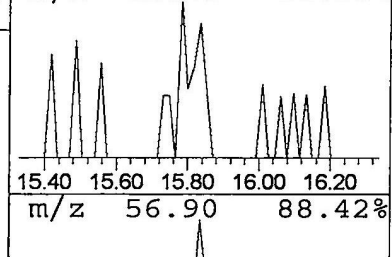
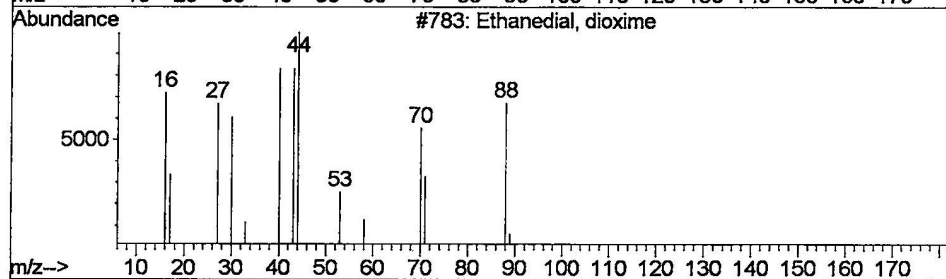
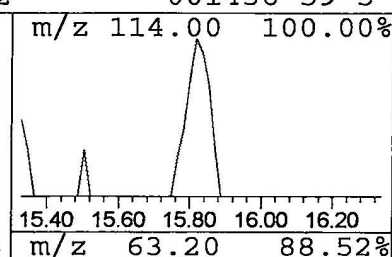
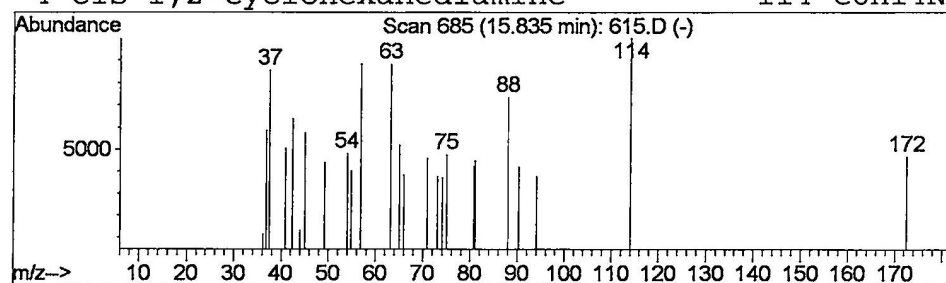
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Ethanediol, dioxime Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	0.08 ug/L	38543	1,4-DIFLUOROBENZENE	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanediol, dioxime	88	C2H4N2O2	000557-30-2	83
2		2H-Pyran, 2-(2,5-hexadiynyloxy)tetr	178	C11H14O2	040924-58-1	20
3		Pyridinium, 1,2-dimethyl-, perchlor	207	C7H10ClNO4	052805-99-9	9
4		cis-1,2-Cyclohexanediamine	114	C6H14N2	001436-59-5	7



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 11:05:41

Sample: AE00737
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/15/02 00:03 Ended: 1/15/02 00:03 Analyst: BH
 Result source: a:\737.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY	<i>er</i>
DATE	<i>1/24/02</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 11:05:41

Sample: AE00737
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/15/02 00:03 Ended: 1/15/02 00:03 Analyst: BH
Result source: a:\737.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< MDL	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Data File : C:\HPCHEM\1\DATA\02jan15\737.D
 Acq On : 15 Jan 2002 3:40 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 15 16:18 2002

Vial: 10
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.16	114	721736	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	602594	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	27.00	152	244466	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	455420	4.86	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	97.20%	
3) 4-BROMOFLUOROBENZENE	24.41	174	200506	4.10	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	82.00%	
25) TOLUENE-D8	18.52	98	848695	5.29	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	105.80%	
Target Compounds						
7) BROMOMETHANE	6.84	94	1218	0.05	ug/L	68
12) ACETONE	8.31	43	26198	2.80	ug/L	84
18) 2-BUTANONE (MEK)	12.07	43	8872	0.39	ug/L	65
46) 2-HEXANONE	19.21	43	2484	0.18	ug/L	36
65) 1,3-DICHLOROBENZENE	27.06	146	3141	0.08	ug/L	94
66) 1,4-DICHLOROBENZENE	27.06	146	3597	0.09	ug/L	90

↓
 too low to report

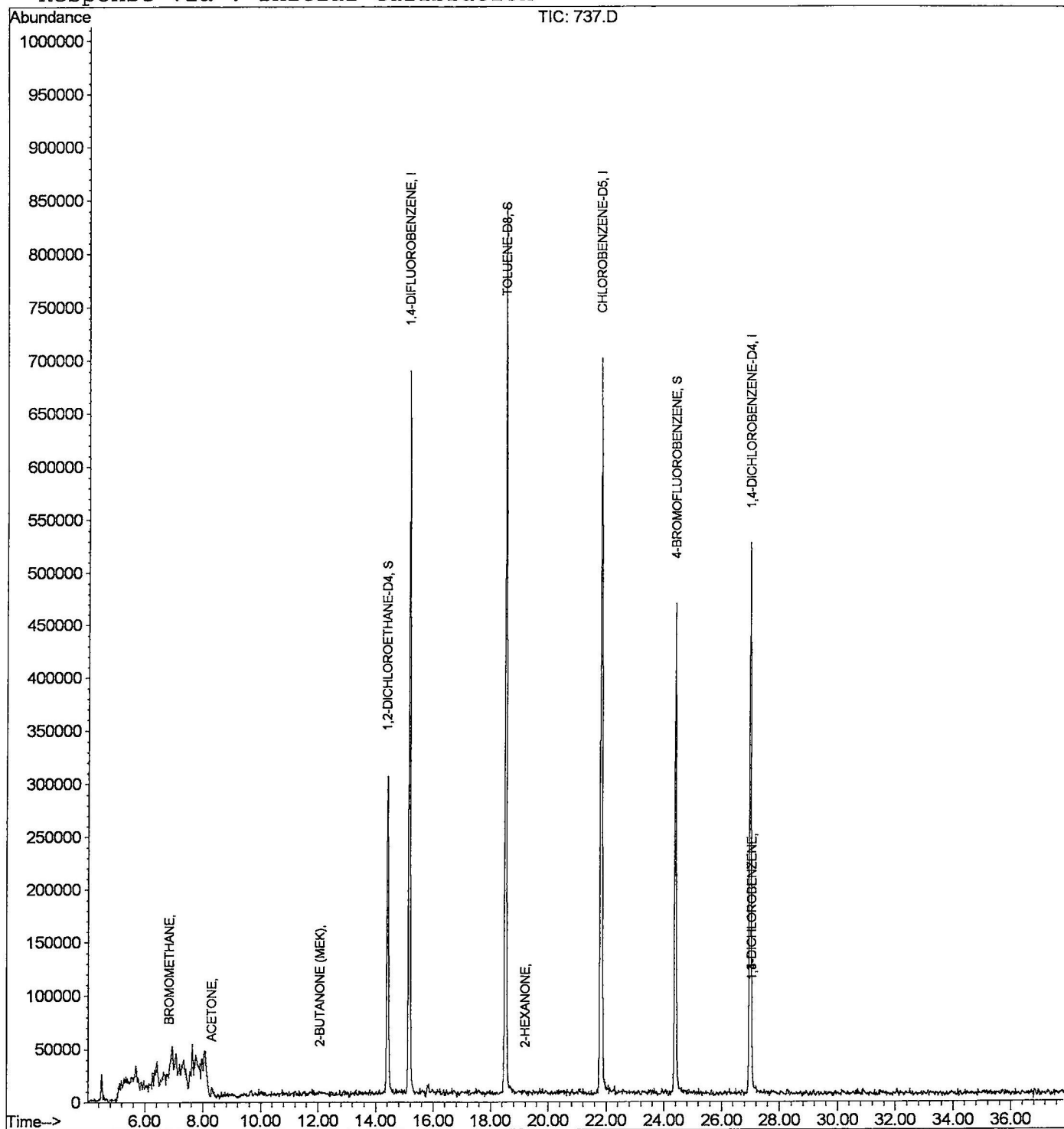
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\737.D
Acq On : 15 Jan 2002 3:40 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 15 16:18 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN15\737.D

Acq On : 15 Jan 2002 3:40 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 10

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

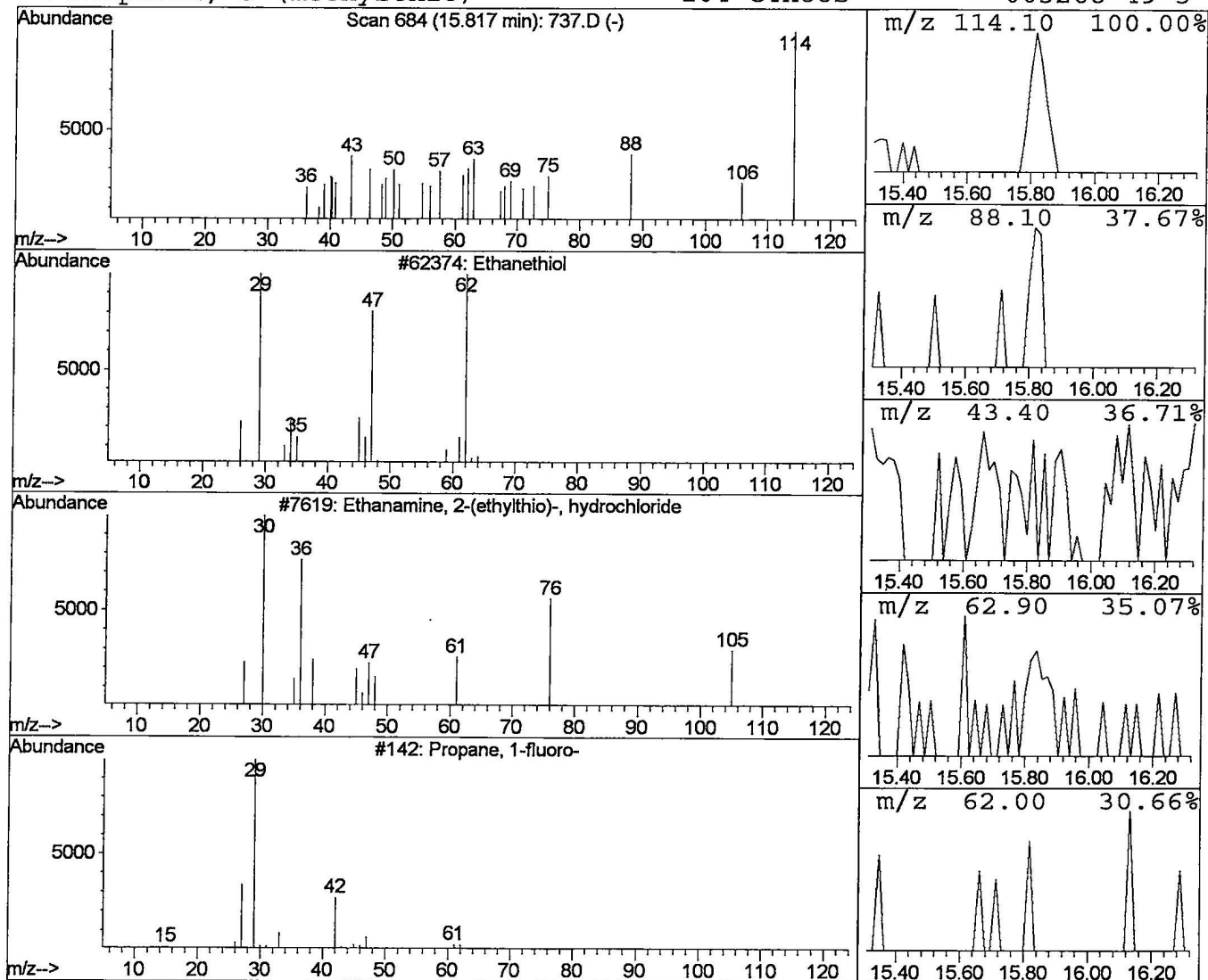
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Ethanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.09 ug/L	44373	1,4-DIFLUOROBENZENE	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanethiol	62	C2H6S	000075-08-1	7
2		Ethanamine, 2-(ethylthio)-, hydroch	141	C4H12ClNS	054303-30-9	7
3		Propane, 1-fluoro-	62	C3H7F	000460-13-9	4
4		Propanal, 3-(methylthio)-	104	C4H8OS	003268-49-3	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 11:06:12

Sample: AE00738
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/15/02 00:04 Ended: 1/15/02 00:04 Analyst: BH
 Result source: a:\738.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY AN
 DATE 1/24/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 11:06:12

Sample: AE00738
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/15/02 00:04 Ended: 1/15/02 00:04 Analyst: BH
Result source: a:\738.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< MDL	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan15\738.D

Vial: 11

Acq On : 15 Jan 2002 4:23 pm

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 15 17:01 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	709549	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	578643	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	27.00	152	250691	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	454052	4.93	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	98.60%	
3) 4-BROMOFLUOROBENZENE	24.41	174	197007	4.10	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	82.00%	
25) TOLUENE-D8	18.52	98	838881	5.44	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	108.80%	
Target Compounds						
5) CHLOROMETHANE	5.57	50	2305	0.07	ug/L	Qvalue 82
7) BROMOMETHANE	6.63	94	1404	0.06	ug/L	60
12) ACETONE	8.31	43	45991	5.00	ug/L	87
14) METHYLENE CHLORIDE	9.68	49	5589	0.09	ug/L	82
18) 2-BUTANONE (MEK)	12.05	43	8669	0.39	ug/L	65

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

738.D HP010702.M Tue Jan 15 17:01:52 2002

Page 1

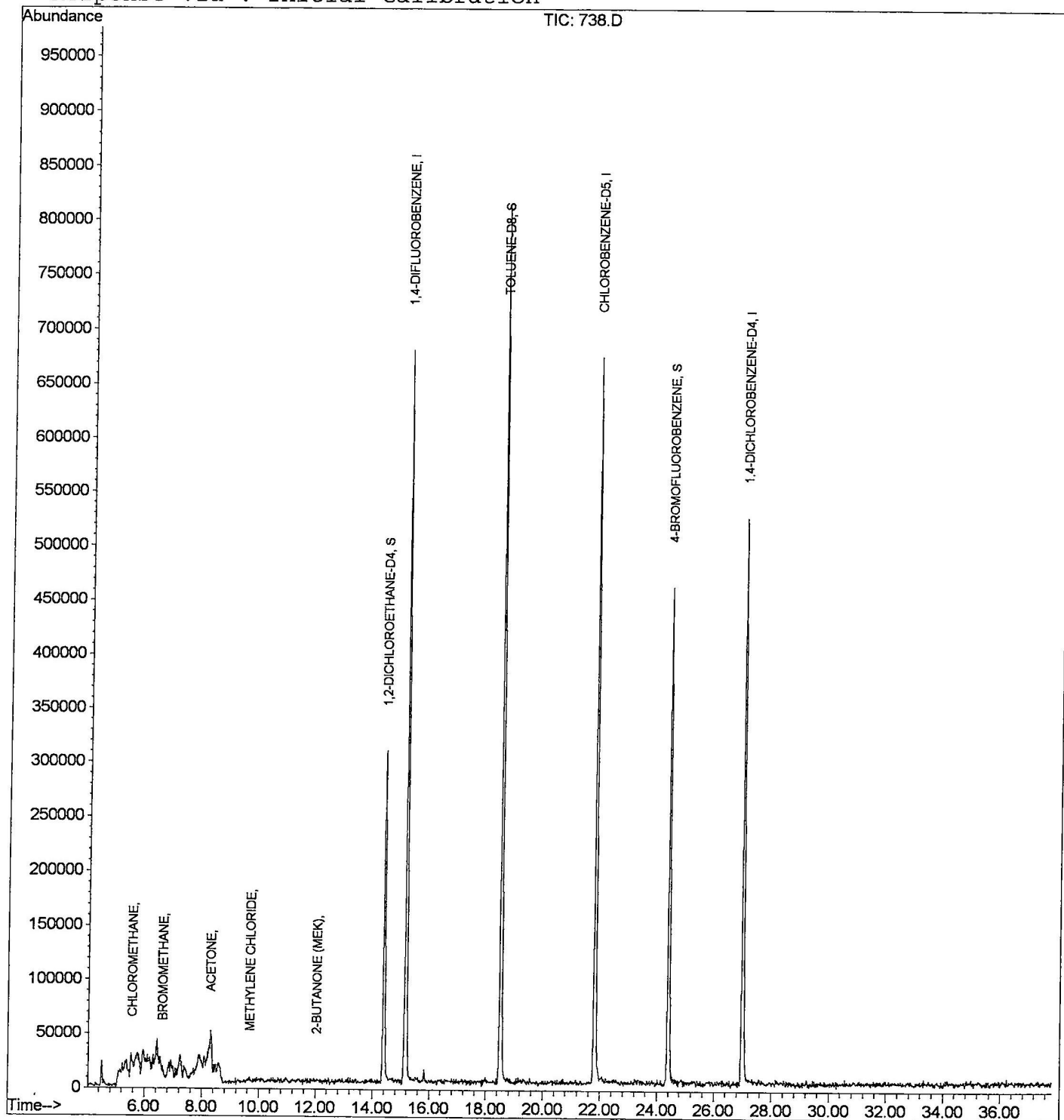
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan15\738.D
Acq On : 15 Jan 2002 4:23 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 15 17:01 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN15\738.D
Acq On : 15 Jan 2002 4:23 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Spiropentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.06 ug/L	30072	1,4-DIFLUOROBENZENE	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spiropentane	68	C5H8	000157-40-4	64
2		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	9
3		Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
4		Pyrrole	67	C4H5N	000109-97-7	9

