User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:42:51

Sample: AE05701
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 3/13/02 00:08 Ended: 3/13/02 00:08 Analyst: BH
Result source: a:\0313b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		6.3
2	Surr - 4-BROMOFLUOROBENZ		4.1
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.78
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		0.13
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.3
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

Reviewed by, JB 5/10/02

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Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:42:51

Sample: AE05701
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 3/13/02 00:08 Ended: 3/13/02 00:08 Analyst: BH
Result source: a:\0313b1.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\02mar13\0313B1.D Vial: 1
Acq On : 13 Mar 2002 8:29 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 13 9:07 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1461288	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.72	117	1333976	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	568131	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	592371	6.27	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 125.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	482971	4.08	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 81.60%		
25) TOLUENE-D8	18.42	98	1703409	5.30	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 106.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	5846	0.78	ug/L	52
15) METHYL TERT BUTYL ETHER	9.91	73	11220	0.13	ug/L	80

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

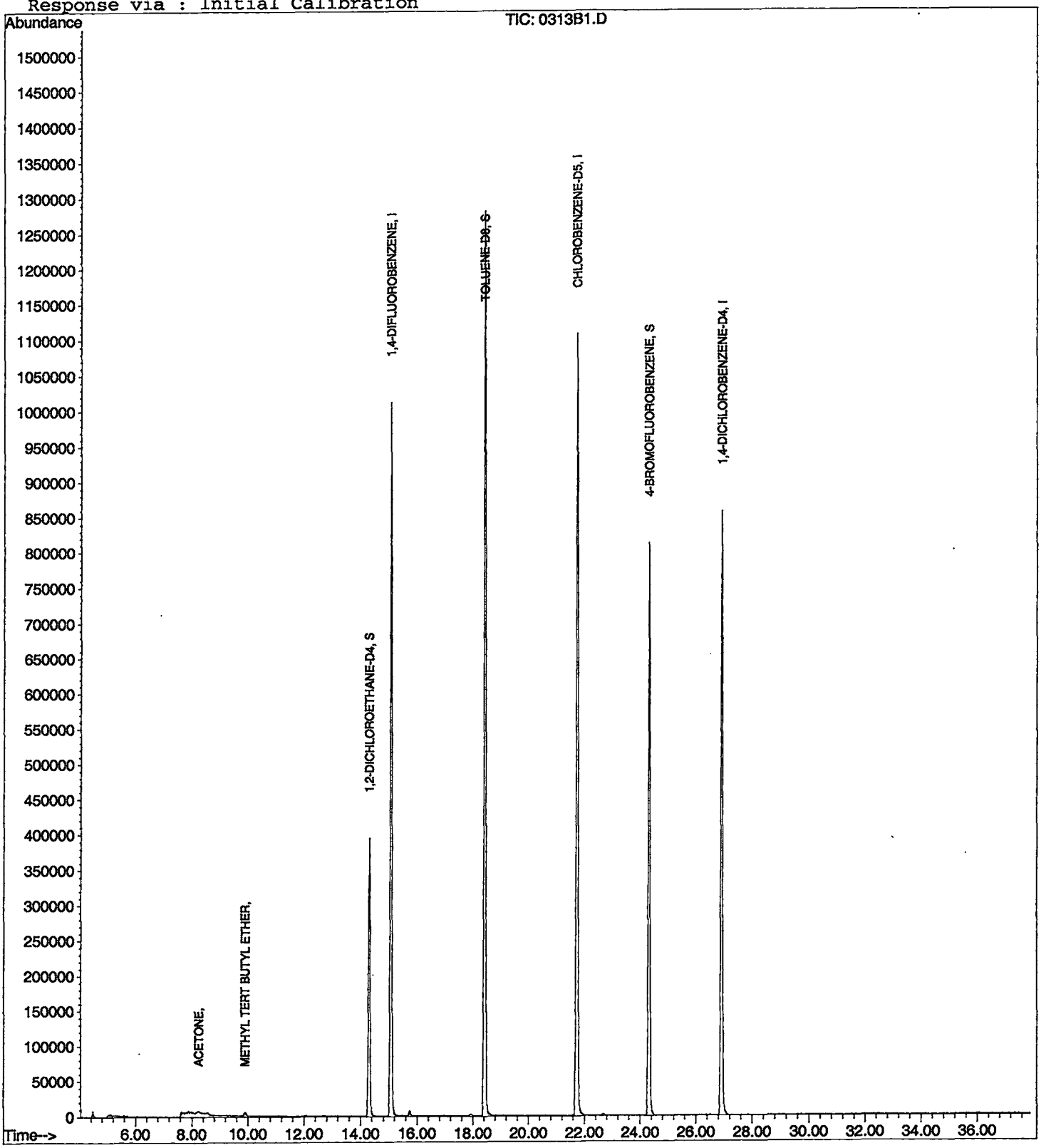
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar13\0313B1.D
Acq On : 13 Mar 2002 8:29 am
Sample : lab blank
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 13 9:07 2002

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

Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\0313B1.D Vial: 1
Acq On : 13 Mar 2002 8:29 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

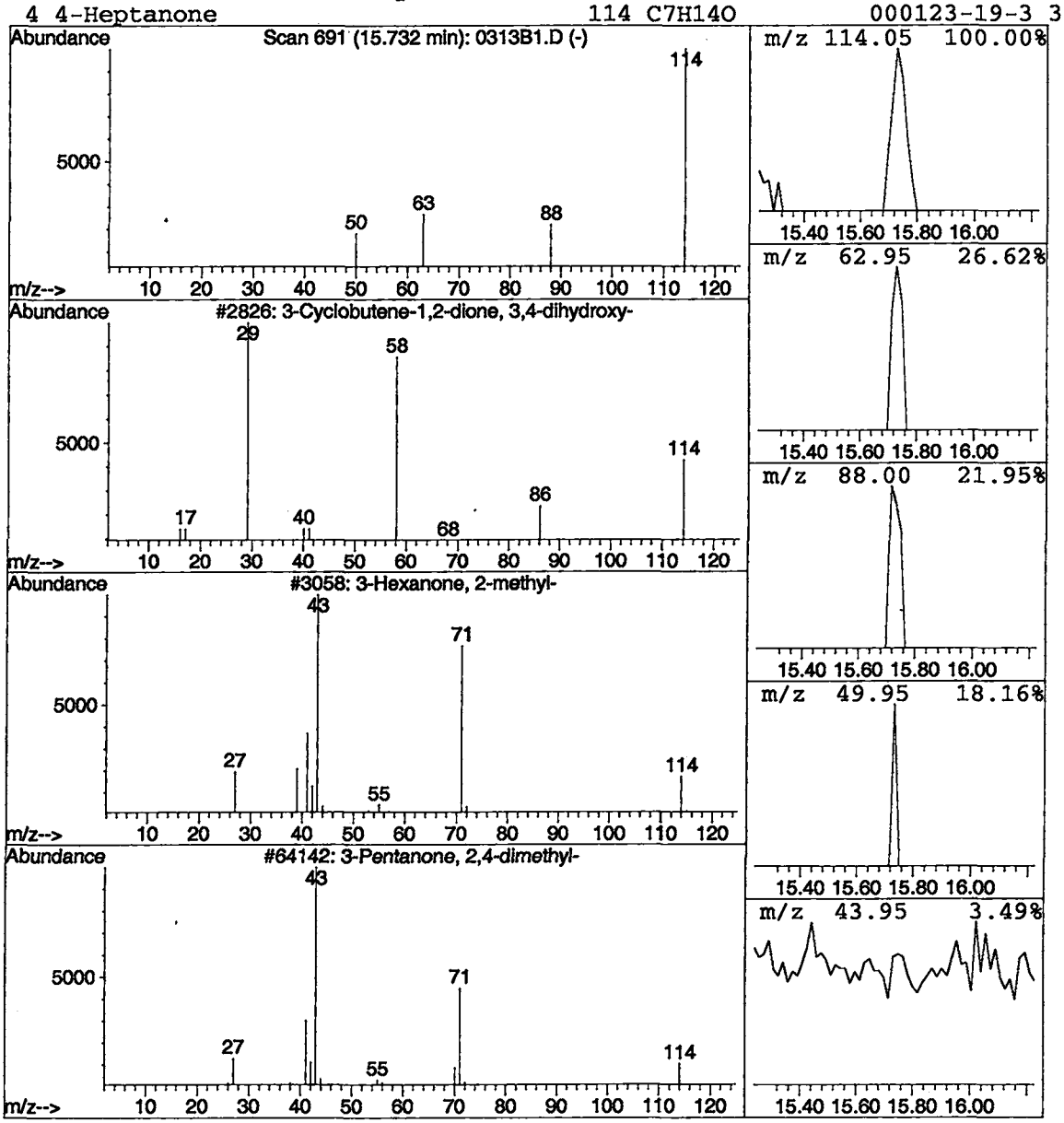
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	23805	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:43:08

Sample: AE05701
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/13/02 00:00 Ended: 3/13/02 00:00 Analyst: BH
Result source: a:\0313c10a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.4	.5
2	Surr_4-BROMOFLUOROBENZE		4.8	.5
3	Dichlorodifluoromethane		9.0	.5
4	Chloromethane		10	.5
5	Vinyl chloride		11	.5
6	Bromomethane		12	.5
7	Chloroethane		13	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene		13	.5
10	Methylene Chloride		10	.5
11	Methyl tert-butyl ether		10	1.0
12	trans-1,2-dichloroethene		9.8	.5
13	1,1-dichloroethane		9.4	.5
14	2-butanone (MEK)		8.4	2.0
15	2,2-dichloropropane		10	.5
16	cis-1,2-dichloroethene		9.4	.5
17	Chloroform		10	.5
18	Bromochloromethane		8.3	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		12	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		12	.5
24	Benzene		9.7	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		8.7	.5
27	Dibromomethane		10	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		8.6	1.0
30	cis-1,3-dichloropropene		9.7	.5
31	Toluene		9.5	.5
32	trans-1,3-dichloropropene		10	.5
33	1,1,2-trichloroethane		9.3	.5
34	Tetrachloroethene		9.9	.5
35	1,3-dichloropropane		9.4	.5
36	Dibromochloromethane		10	2.0
37	Chlorobenzene		9.3	.5
38	1,1,1,2-tetrachloroethane		10	.5
39	Ethylbenzene		9.9	.5
40	P & M-xylene		19	.5
41	O-xylene		10	.5
42	Styrene		9.4	.5
43	1,1,2,2-tetrachloroethane		8.3	.5
44	Bromoform		11	2.0
45	Isopropylbenzene		9.9	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		9.8	.5
48	Bromobenzene		9.7	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:43:08

Sample: AE05701
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/13/02 00:00 Ended: 3/13/02 00:00 Analyst: BH
Result source: a:\0313c10a.rr
Page: 2

	Component Name	Vial	Result	MDL
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		9.4	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		9.9	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		9.9	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		9.4	.5
57	1,4-dichlorobenzene		9.4	.5
58	N-butylbenzene		9.7	.5
59	1,2-dichlorobenzene		9.5	.5
60	1,2,4-trichlorobenzene		10	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		9.9	.5
63	1,2,3-trichlorobenzene		10	.5
64	Nitrobenzene		210	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10A.D Vial: 3
Acq On : 13 Mar 2002 10:21 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:13 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1515086	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1435027	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.93	152	754216	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	630093	6.43	ug/L	-0.09
Spiked Amount 5.000			Recovery =	128.60%		
3) 4-BROMOFLUOROBENZENE	24.33	174	583410	4.76	ug/L	-0.09
Spiked Amount 5.000			Recovery =	95.20%		
25) TOLUENE-D8	18.44	98	1800557	5.20	ug/L	-0.09
Spiked Amount 5.000			Recovery =	104.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	375095	9.00	ug/L	98
5) CHLOROMETHANE	5.49	50	460198	10.16	ug/L	97
6) VINYL CHLORIDE	5.59	62	329128	11.35	ug/L	94
7) BROMOMETHANE	6.58	94	352853	12.22	ug/L	94
8) CHLOROETHANE	6.72	64	320025	12.67	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	673664	12.12	ug/L	99
12) ACETONE	8.24	43	119116	15.37	ug/L	99
13) 1,1-DICHLOROETHENE	8.60	61	843028	12.78	ug/L	98
14) METHYLENE CHLORIDE	9.60	49	797478	10.25	ug/L	94
15) METHYL TERT BUTYL ETHER	9.91	73	910290	10.21	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.27	61	880318	9.84	ug/L	96
17) 1,1-DICHLOROETHANE	11.15	63	1039543	9.41	ug/L	97
18) 2-BUTANONE (MEK)	11.99	43	139346	8.39	ug/L	88
19) 2,2-DICHLOROPROPANE	12.38	77	854599	10.49	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.46	96	636882	9.37	ug/L	98
21) CHLOROFORM	12.80	83	1162822	10.02	ug/L	98
22) BROMOCHLOROMETHANE	13.18	49	474414	8.30	ug/L	87
23) 1,2-DICHLOROETHANE	14.52	62	824776	11.25	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.69	97	889266	11.58	ug/L	99
27) 1,1-DICHLOROPROPENE	14.01	75	811359	10.79	ug/L	98
28) CARBON TETRACHLORIDE	14.28	117	772372	11.99	ug/L	98
29) BENZENE	14.61	78	2053831	9.65	ug/L	100
30) TRICHLOROETHENE	15.89	95	647494	10.34	ug/L	96
31) 1,2-DICHLOROPROPANE	16.24	63	535117	8.67	ug/L	98
32) DIBROMOMETHANE	16.92	174	322887	9.96	ug/L	98
33) BROMODICHLOROMETHANE	16.77	83	838961	10.82	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	189547	9.68	ug/L	93
35) METHYL ISO-BUTYL KETONE	17.33	58	94371	8.57	ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.86	75	820189	9.73	ug/L	99
37) TOLUENE	18.61	91	2225947	9.52	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	621273	10.31	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.27	97	372429	9.27	ug/L	97
40) TETRACHLOROETHENE	20.06	166	661475	9.85	ug/L	98
41) 1,3-DICHLOROPROPANE	19.80	76	693406	9.41	ug/L	98
42) DIBROMOCHLOROMETHANE	20.50	129	501906	10.41	ug/L	98
43) 1,2-DIBROMOETHANE	20.96	107	394516	9.64	ug/L	100
44) CHLOROBENZENE	21.83	112	1497775	9.34	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	552358	10.39	ug/L	96
46) 2-HEXANONE	19.17	43	177569	6.34	ug/L	96
47) ETHYLBENZENE	21.88	91	2615111	9.85	ug/L	99
48) P & M-XYLENE	22.03	106	1819047	19.01	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10A.D Vial: 3
Acq On : 13 Mar 2002 10:21 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:13 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

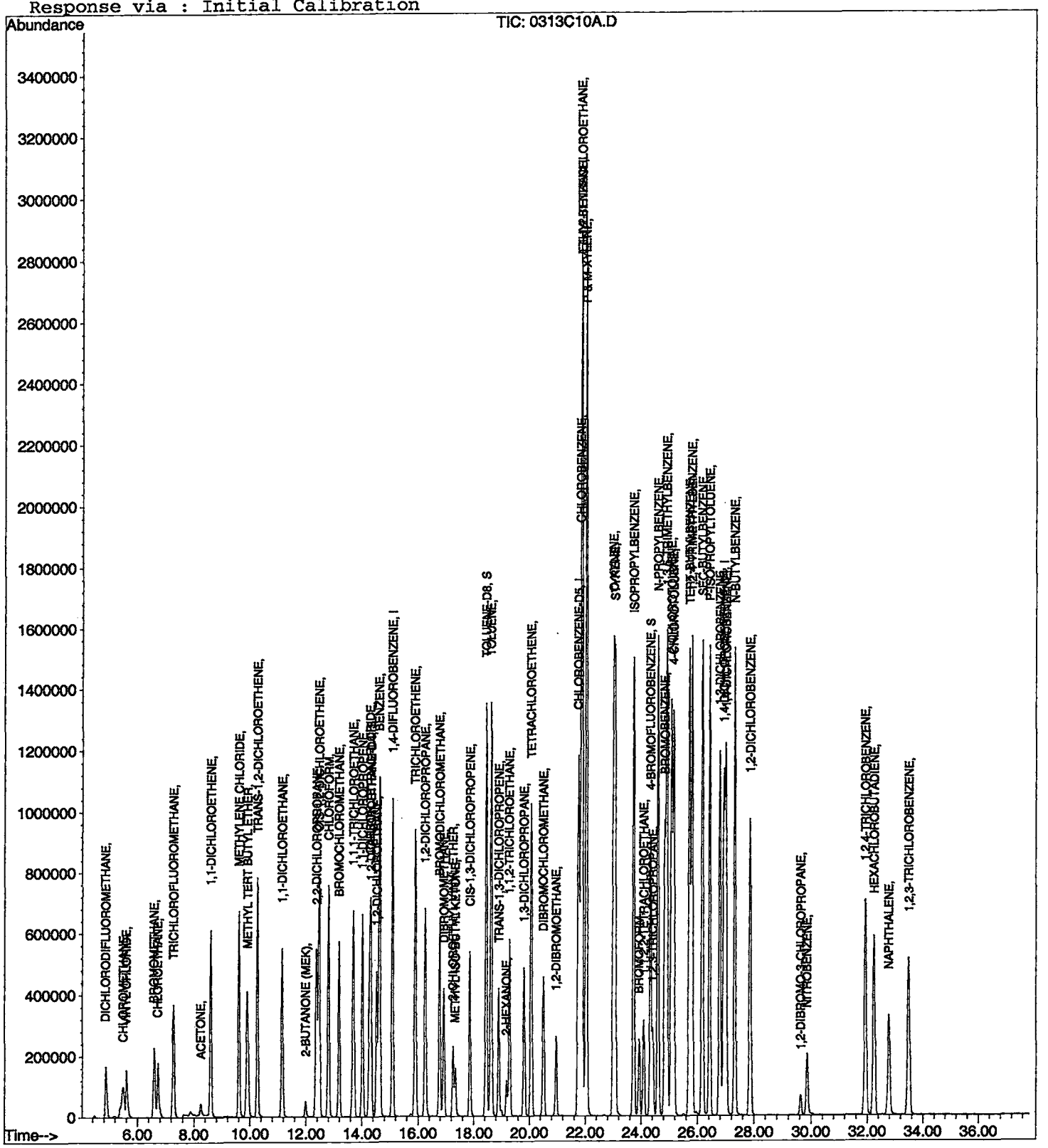
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	23.00	91	2121025	10.08 ug/L	96
50)	STYRENE	23.05	104	1504349	9.43 ug/L	92
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	383318	8.27 ug/L	99
53)	BROMOFORM	23.92	173	257993	10.95 ug/L	100
54)	ISOPROPYLBENZENE	23.73	105	2367689	9.94 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	127170	10.04 ug/L	94
56)	N-PROPYLBENZENE	24.60	91	3004030	9.76 ug/L	99
57)	BROMOBENZENE	24.84	156	645352	9.66 ug/L	99
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	2109285	10.31 ug/L	95
59)	2-CHLOROTOLUENE	25.08	91	1958474	9.43 ug/L	98
60)	4-CHLOROTOLUENE	25.15	91	1867724	10.14 ug/L	98
61)	TERT-BUTYLBENZENE	25.71	119	1921784	9.90 ug/L	91
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	2215643	10.30 ug/L	94
63)	SEC-BUTYLBENZENE	26.17	105	2577600	9.88 ug/L	97
64)	P-ISOPROPYLTOLUENE	26.42	119	2074036	10.10 ug/L	96
65)	1,3-DICHLOROBENZENE	26.78	146	1198745	9.44 ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	1215791	9.37 ug/L	97
67)	N-BUTYLBENZENE	27.31	91	2051654	9.67 ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	1033053	9.53 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	60864	10.17 ug/L	90
70)	1,2,4-TRICHLOROBENZENE	31.94	180	697399	10.16 ug/L	100
71)	HEXACHLOROBUTADIENE	32.25	225	354031	11.46 ug/L	96
72)	NAPHTHALENE	32.77	128	857302	9.93 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.49	180	565058	10.09 ug/L	97
74)	NITROBENZENE	29.85	77	311224	206.05 ug/L	93

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10A.D Vial: 3
Acq On : 13 Mar 2002 10:21 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:13 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:42:21

Sample: AE05701
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/13/02 00:01 Ended: 3/13/02 00:01 Analyst: BH
Result source: a:\0313r5.rr
Page: 1

	Component Name	Vial	Result	MDL	
1	1,2-DICHLOROETHANE-D4		6.4		
2	4-BROMOFLUOROBENZENE		4.7		
3	DICHLORODIFLUOROMETHAN		5.6	.5	
4	CHLOROMETHANE		5.8	.5	
5	VINYL CHLORIDE		6.2	.5	
6	BROMOMETHANE		6.0	.5	
7	CHLOROETHANE		6.0	.5	
8	TRICHLOROFLUOROMETHANE		6.2	.5	
9	ACETONE		7.7	.5	
10	1,1-DICHLOROETHENE		5.3	.5	
11	METHYLENE CHLORIDE		4.4	.5	
12	METHYL TERT BUTYL ETHER		4.1	1	
13	TRANS-1,2-DICHLOROETHEN		4.3	.5	
14	1,1-DICHLOROETHANE		4.1	.5	
15	2-BUTANONE (MEK)		3.0	.5	- low
16	2,2-DICHLOROPROPANE		4.5	.5	
17	CIS-1,2-DICHLOROETHENE		4.2	.5	
18	CHLOROFORM		4.4	.5	
19	BROMOCHLOROMETHANE		3.6	.5	
20	1,2-DICHLOROETHANE		4.9	.5	
21	TOLUENE-D8		5.3		
22	1,1,1-TRICHLOROETHANE		5.1	.5	
23	1,1-DICHLOROPROPENE		4.9	.5	
24	CARBON TETRACHLORIDE		5.3	.5	
25	BENZENE		4.4	.5	
26	TRICHLOROETHENE		4.7	.5	
27	1,2-DICHLOROPROPANE		3.9	.5	
28	DIBROMOMETHANE		4.2	.5	
29	BROMODICHLOROMETHANE		4.7	.5	
30	2-CHLOROETHYL VINYL ETHE		3.8	.5	
31	METHYL ISO-BUTYL KETONE		3.0	1	- low
32	CIS-1,3-DICHLOROPROPENE		4.1	.5	
33	TOLUENE		4.4	.5	
34	TRANS-1,3-DICHLOROPROPE		4.5	.5	
35	1,1,2-TRICHLOROETHANE		4.1	.5	
36	TETRACHLOROETHENE		4.4	.5	
37	1,3-DICHLOROPROPANE		4.0	.5	
38	DIBROMOCHLOROMETHANE		4.3	2	
39	1,2-DIBROMOETHANE		4.0	.5	
40	CHLOROBENZENE		4.3	.5	
41	1,1,1,2-TETRACHLOROETHA		4.5	.5	
42	2-HEXANONE		2.5	.5	
43	ETHYLBENZENE		4.5	.5	
44	P & M-XYLENE		8.8	.5	
45	O-XYLENE		4.6	.5	
46	STYRENE		4.1	.5	
47	1,1,2,2-TETRACHLOROETHA		3.4	.5	
48	BROMOFORM		4.2	2	

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:42:21

Sample: AE05701
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/13/02 00:01 Ended: 3/13/02 00:01 Analyst: BH
Result source: a:\0313r5.rr
Page: 2

	Component Name	Viol	Result	MDL
49	ISOPROPYLBENZENE		4.6	.5
50	1,2,3-TRICHLOROPROPANE		4.1	.5
51	N-PROPYLBENZENE		4.4	.5
52	BROMOBENZENE		4.2	.5
53	1,3,5-TRIMETHYLBENZENE		4.7	.5
54	2-CHLOROTOLUENE		4.1	.5
55	4-CHLOROTOLUENE		4.7	.5
56	TERT-BUTYLBENZENE		4.6	.5
57	1,2,4-TRIMETHYLBENZENE		4.6	.5
58	SEC-BUTYLBENZENE		4.6	.5
59	P-ISOPROPYLTOLUENE		4.8	.5
60	1,3-DICHLOROBENZENE		4.2	.5
61	1,4-DICHLOROBENZENE		4.1	.5
62	N-BUTYLBENZENE		4.5	.5
63	1,2-DICHLOROBENZENE		4.2	.5
64	1,2-DIBROMO-3-CHLOROPRO		4.1	.5
65	1,2,4-TRICHLOROBENZENE		4.4	.5
66	HEXACHLOROBUTADIENE		5.3	.5
67	NAPHTHALENE		4.2	.5
68	1,2,3-TRICHLOROBENZENE		4.4	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		73	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:42:36

Sample: AE05701
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/15/02 10:42 Ended: 3/15/02 10:42 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL	
1	Surr - 1,2-DICHLOROETHANE-		6.4	.5	
2	Surr - 4-BROMOFLUOROBENZ		4.7	.5	
3	Dichlorodifluoromethane		112	.5	
4	Chloromethane		116	.5	
5	Vinyl chloride		124	.5	
6	Bromomethane		120	.5	
7	Chloroethane		120	.5	
8	Trichlorofluoromethane		124	.5	
9	1,1-Dichloroethene		106	.5	
10	Methylene Chloride		88	.5	
11	Methyl tert butyl ether		82	1.0	
12	trans-1,2-dichloroethene		86	.5	
13	1,1-dichloroethane		82	.5	
14	2-butanone (MEK)		60	2.0	- low
15	2,2-dichloropropane		90	.5	
16	cis-1,2-dichloroethene		84	.5	
17	Chloroform		88	.5	
18	Bromochloromethane		72	.5	
19	1,2-dichloroethane		98	.5	
20	Surr - TOLUENE-D8		5.3	.5	
21	1,1,1-trichloroethane		102	.5	
22	1,1-dichloropropene		98	.5	
23	Carbon tetrachloride		106	.5	
24	Benzene		88	.5	
25	Trichloroethene		94	.5	
26	1,2-dichloropropane		78	.5	
27	Dibromomethane		84	.5	
28	Bromodichloromethane		94	.5	
29	Methyl iso-butyl ketone		60	1.0	- low
30	cis-1,3-dichloropropene		82	.5	
31	Toluene		88	.5	
32	trans-1,3-dichloropropene		90	.5	
33	1,1,2-trichloroethane		82	.5	
34	Tetrachloroethene		88	.5	
35	1,3-dichloropropane		80	.5	
36	Dibromochloromethane		86	2.0	
37	Chlorobenzene		86	.5	
38	1,1,1,2-tetrachloroethane		90	.5	
39	Ethylbenzene		90	.5	
40	P & M-xylene		88	.5	
41	O-xylene		92	.5	
42	Styrene		82	.5	
43					
44	Bromoform		84	2.0	
45	Isopropylbenzene		92	.5	
46	1,2,3-trichloropropane		82	.5	
47	N-propylbenzene		88	.5	
48	Bromobenzene		84	.5	

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:42:36

Sample: AE05701
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/15/02 10:42 Ended: 3/15/02 10:42 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		94	.5
50	2-chlorotoluene		82	.5
51	4-chlorotoluene		94	.5
52	TERT-butylbenzene		92	.5
53	1,2,4-trimethylbenzene		92	.5
54	SEC-butylbenzene		92	.5
55	P-isopropyltoluene		96	.5
56	1,3-dichlorobenzene		84	.5
57	1,4-dichlorobenzene		82	.5
58	N-butylbenzene		90	.5
59	1,2-dichlorobenzene		84	.5
60	1,2,4-trichlorobenzene		88	.5
61	Hexachlorobutadiene		106	.5
62	Naphthalene		84	.5
63	1,2,3-trichlorobenzene		88	.5
64	Ethanol		< MDL	
65	Nitrobenzene		73	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313R5.D Vial: 4
Acq On : 13 Mar 2002 11:21 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:20 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1799265	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1706438	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.94	152	895855	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	749202	6.44	ug/L	-0.09
Spiked Amount 5.000			Recovery =	128.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	689555	4.73	ug/L	-0.09
Spiked Amount 5.000			Recovery =	94.60%		
25) TOLUENE-D8	18.44	98	2162502	5.26	ug/L	-0.09
Spiked Amount 5.000			Recovery =	105.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	266329	5.60	ug/L	100
5) CHLOROMETHANE	5.47	50	305916	5.83	ug/L	99
6) VINYL CHLORIDE	5.60	62	241079	7.00	ug/L	98
7) BROMOMETHANE	6.58	94	194447	6.03	ug/L	90
8) CHLOROETHANE	6.71	64	198568	6.80	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.28	101	409678	6.21	ug/L	98
12) ACETONE	8.24	43	70468	7.65	ug/L	90
13) 1,1-DICHLOROETHENE	8.60	61	413834	5.28	ug/L	94
14) METHYLENE CHLORIDE	9.60	49	406084	4.40	ug/L	95
15) METHYL TERT BUTYL ETHER	9.91	73	431142	4.07	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.27	61	456900	4.30	ug/L	98
17) 1,1-DICHLOROETHANE	11.15	63	543676	4.14	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	58783	2.98	ug/L	88
19) 2,2-DICHLOROPROPANE	12.38	77	431759	4.46	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.46	96	339820	4.21	ug/L	97
21) CHLOROFORM	12.80	83	604614	4.39	ug/L	97
22) BROMOCHLOROMETHANE	13.18	49	243527	3.59	ug/L	95
23) 1,2-DICHLOROETHANE	14.52	62	426060	4.89	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.71	97	463712	5.08	ug/L	97
27) 1,1-DICHLOROPROPENE	14.03	75	435993	4.87	ug/L	99
28) CARBON TETRACHLORIDE	14.29	117	402575	5.26	ug/L	96
29) BENZENE	14.63	78	1100710	4.35	ug/L	98
30) TRICHLOROETHENE	15.89	95	348660	4.68	ug/L	95
31) 1,2-DICHLOROPROPANE	16.26	63	283410	3.86	ug/L	97
32) DIBROMOMETHANE	16.92	174	160618	4.17	ug/L	98
33) BROMODICHLOROMETHANE	16.77	83	430179	4.67	ug/L	95
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	88211	3.79	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.33	58	39079	2.99	ug/L	92
36) CIS-1,3-DICHLOROPROPENE	17.86	75	408892	4.08	ug/L	99
37) TOLUENE	18.63	91	1220332	4.39	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	322274	4.50	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.29	97	195495	4.09	ug/L	98
40) TETRACHLOROETHENE	20.07	166	354757	4.44	ug/L	99
41) 1,3-DICHLOROPROPANE	19.82	76	352059	4.02	ug/L	99
42) DIBROMOCHLOROMETHANE	20.50	129	248968	4.34	ug/L	100
43) 1,2-DIBROMOETHANE	20.96	107	196021	4.03	ug/L	94
44) CHLOROBENZENE	21.85	112	814399	4.27	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	287277	4.54	ug/L	97
46) 2-HEXANONE	19.19	43	83357	2.50	ug/L	91
47) ETHYLBENZENE	21.88	91	1435500	4.55	ug/L	98
48) P & M-XYLENE	22.03	106	999625	8.79	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313R5.D Vial: 4
Acq On : 13 Mar 2002 11:21 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:20 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

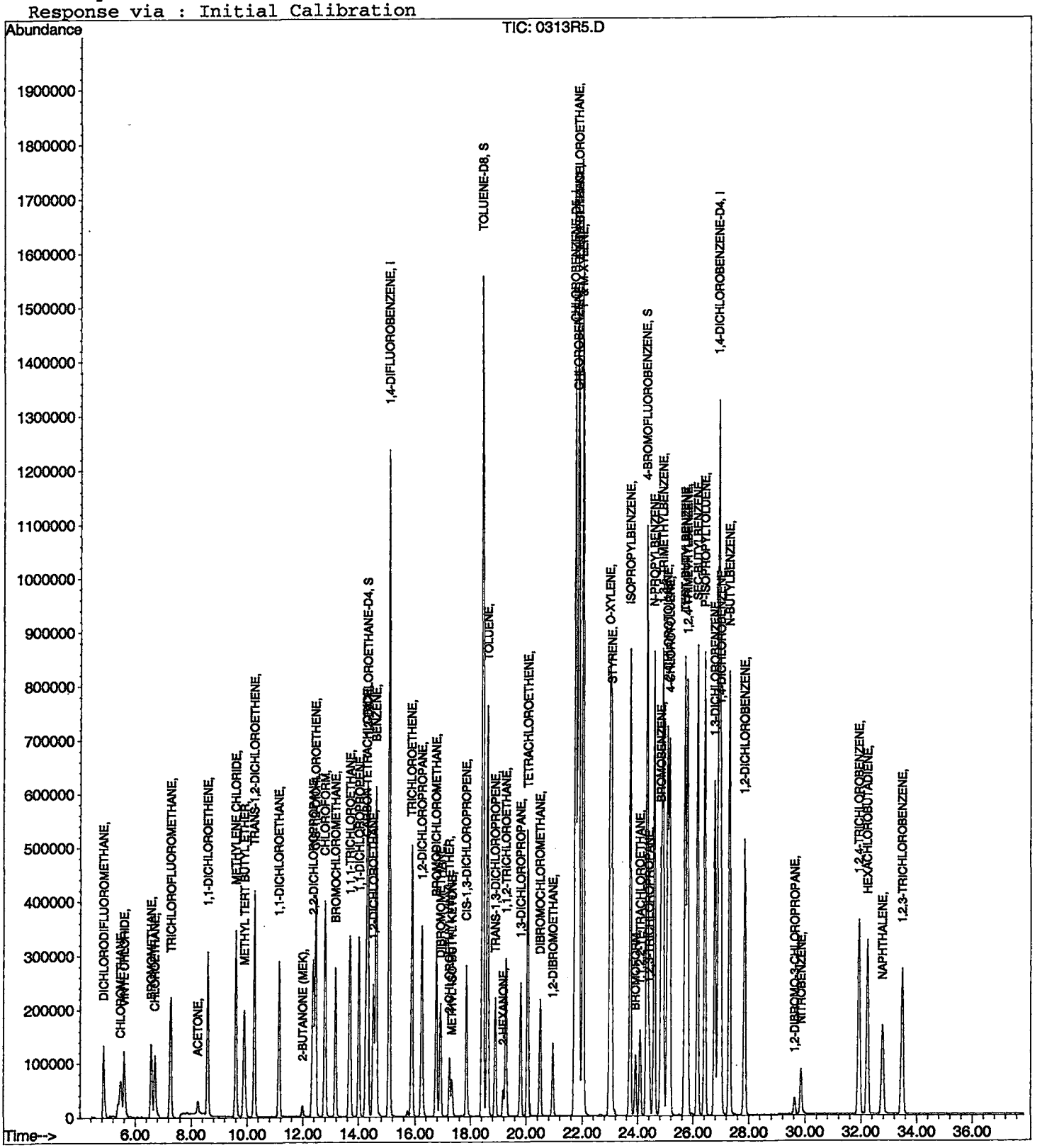
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.00	91	1146490	4.58	ug/L	96
50)	STYRENE	23.07	104	769676	4.06	ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	188290	3.42	ug/L	98
53)	BROMOFORM	23.92	173	116652	4.17	ug/L	99
54)	ISOPROPYLBENZENE	23.73	105	1288083	4.55	ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.42	110	60994	4.05	ug/L	92
56)	N-PROPYLBENZENE	24.60	91	1591026	4.35	ug/L	99
57)	BROMOBENZENE	24.84	156	333435	4.20	ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1136115	4.67	ug/L	95
59)	2-CHLOROTOLUENE	25.08	91	1010665	4.09	ug/L	97
60)	4-CHLOROTOLUENE	25.16	91	1037931	4.75	ug/L	99
61)	TERT-BUTYLBENZENE	25.71	119	1052592	4.56	ug/L	92
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	1175187	4.60	ug/L	94
63)	SEC-BUTYLBENZENE	26.17	105	1413822	4.56	ug/L	97
64)	P-ISOPROPYLTOLUENE	26.42	119	1160907	4.76	ug/L	95
65)	1,3-DICHLOROBENZENE	26.78	146	631561	4.19	ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	636450	4.13	ug/L	98
67)	N-BUTYLBENZENE	27.31	91	1139000	4.52	ug/L	98
68)	1,2-DICHLOROBENZENE	27.85	146	536105	4.16	ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	28985	4.08	ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.94	180	356411	4.37	ug/L	96
71)	HEXACHLOROBUTADIENE	32.25	225	195973	5.34	ug/L	97
72)	NAPHTHALENE	32.78	128	426919	4.16	ug/L	96
73)	1,2,3-TRICHLOROBENZENE	33.49	180	290999	4.37	ug/L	99
74)	NITROBENZENE	29.86	77	131731	73.43	ug/L	93

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\0313R5.D Vial: 4
Acq On : 13 Mar 2002 11:21 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:20 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313GR5.D Vial: 6
Acq On : 13 Mar 2002 2:06 pm Operator: 201-wb
Sample : gas ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 13 14:51 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1874670	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.76	117	1709154	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	819715	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	739702	6.10	ug/L	-0.07
Spiked Amount 5.000			Recovery	= 122.00%		
3) 4-BROMOFLUOROBENZENE	24.35	174	651371	4.29	ug/L	-0.07
Spiked Amount 5.000			Recovery	= 85.80%		
25) TOLUENE-D8	18.46	98	2191789	5.32	ug/L	-0.07
Spiked Amount 5.000			Recovery	= 106.40%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	227573	4.65	ug/L	98
5) CHLOROMETHANE	5.49	50	262747	4.83	ug/L	97
6) VINYL CHLORIDE	5.62	62	223403	6.23	ug/L	97
7) BROMOMETHANE	6.60	94	175869	5.33	ug/L	94
8) CHLOROETHANE	6.73	64	180166	5.97	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.28	101	353713	5.14	ug/L	98
12) ACETONE	8.26	43	7669	0.80	ug/L	52

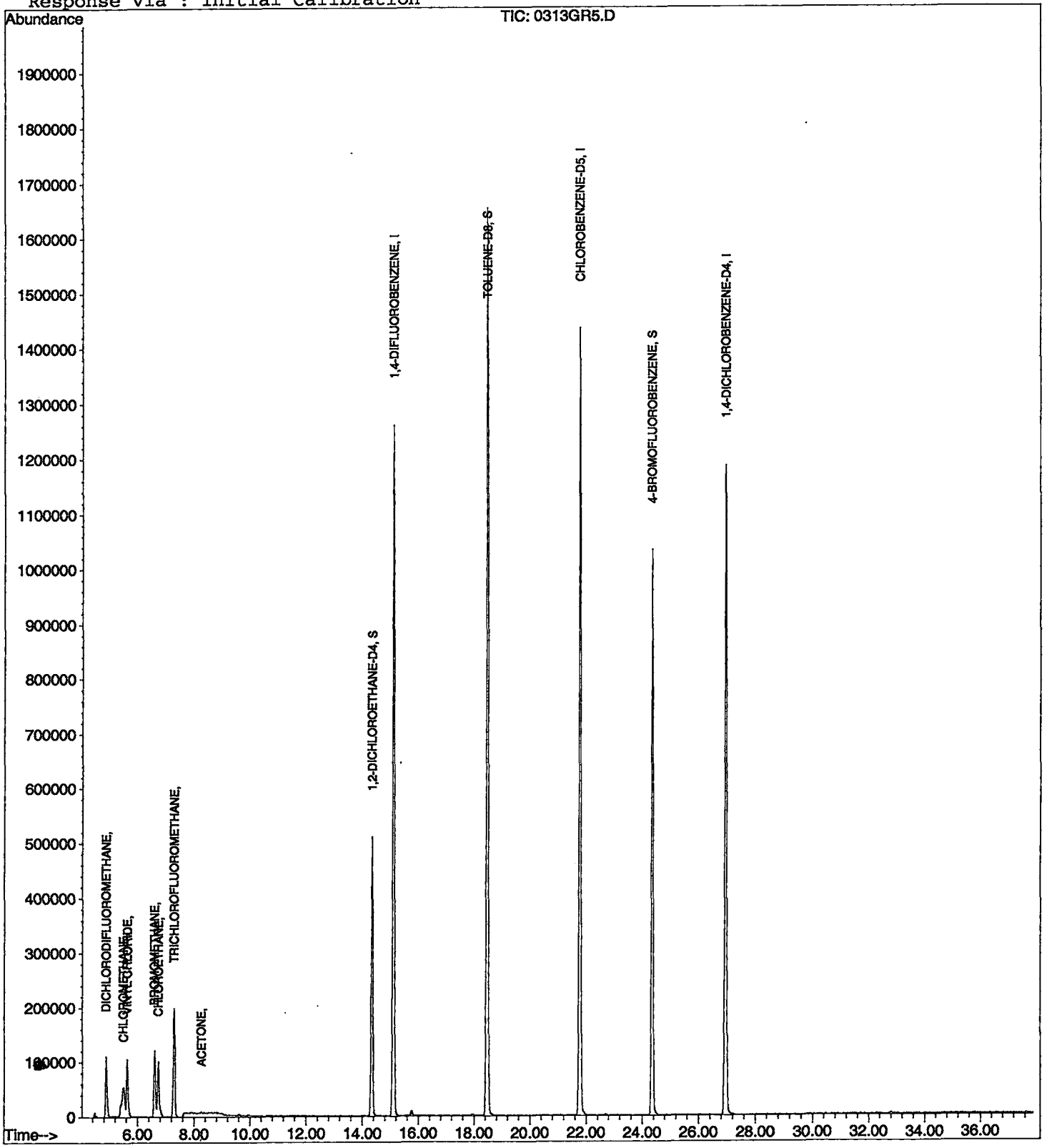
(#) = qualifier out of range (m) = manual integration
0313GR5.D HP022702.M Wed Mar 13 14:52:10 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\0313GR5.D
Acq On : 13 Mar 2002 2:06 pm
Sample : gas ref 5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 13 14:51 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:40:03

Sample: AE05701
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:04 Ended: 3/13/02 00:04 Analyst: BH
Result source: a:\5701a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0	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 AV
DATE 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:40:03

Sample: AE05701
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:04 Ended: 3/13/02 00:04 Analyst: BH
Result source: a:\5701a.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

Comments for Sample AE05701 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:40:59

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5701A.D Vial: 7
Acq On : 13 Mar 2002 4:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:21 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1405341	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.78	117	1265128	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.95	152	587828	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	542613	5.97	ug/L	-0.07
Spiked Amount 5.000			Recovery =	119.40%		
3) 4-BROMOFLUOROBENZENE	24.36	174	467035	4.10	ug/L	-0.05
Spiked Amount 5.000			Recovery =	82.00%		
25) TOLUENE-D8	18.46	98	1639440	5.37	ug/L	-0.07
Spiked Amount 5.000			Recovery =	107.40%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	35005	4.87	ug/L	97

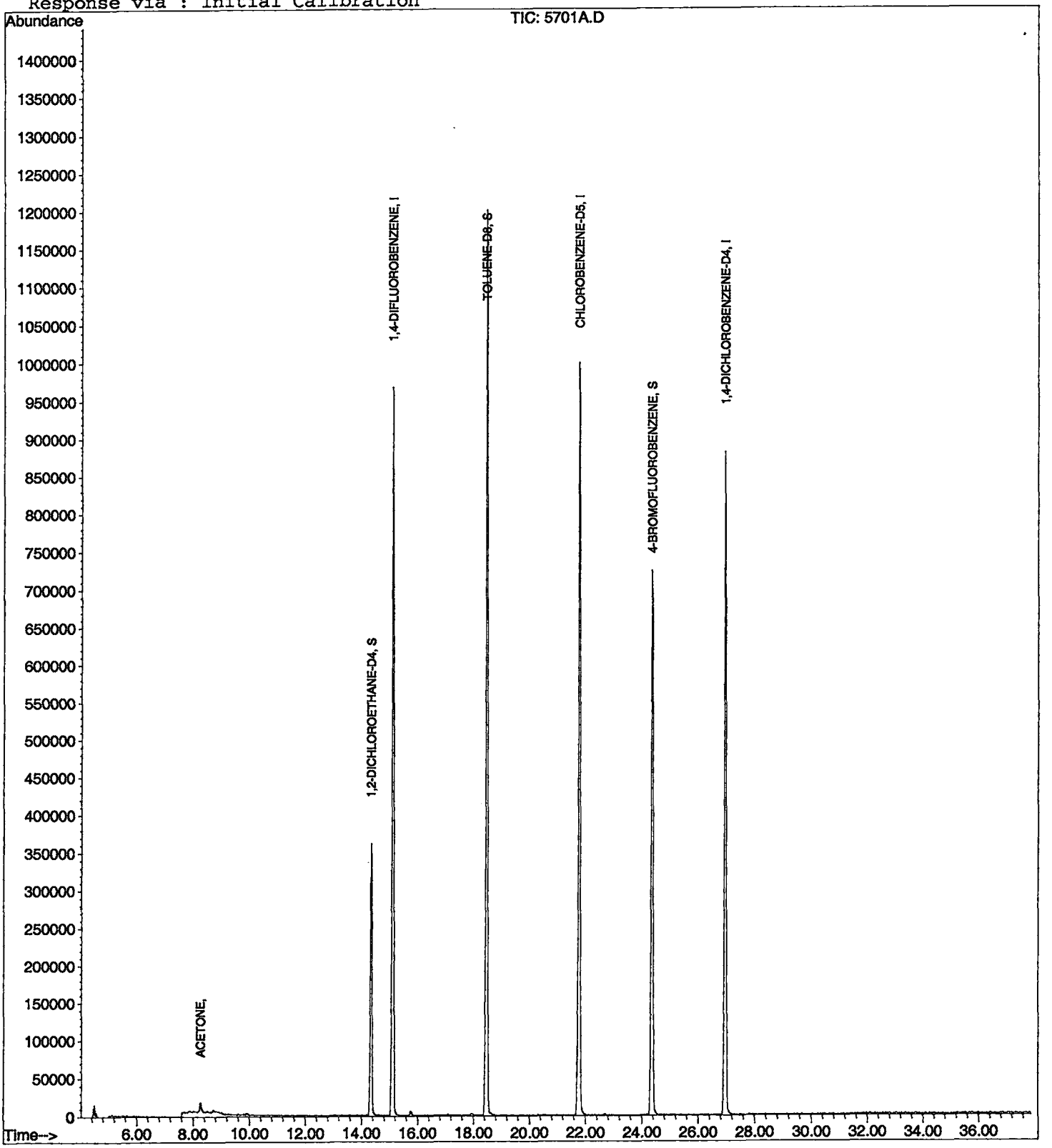
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5701A.D
Acq On : 13 Mar 2002 4:13 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:21 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5701A.D Vial: 7
Acq On : 13 Mar 2002 4:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

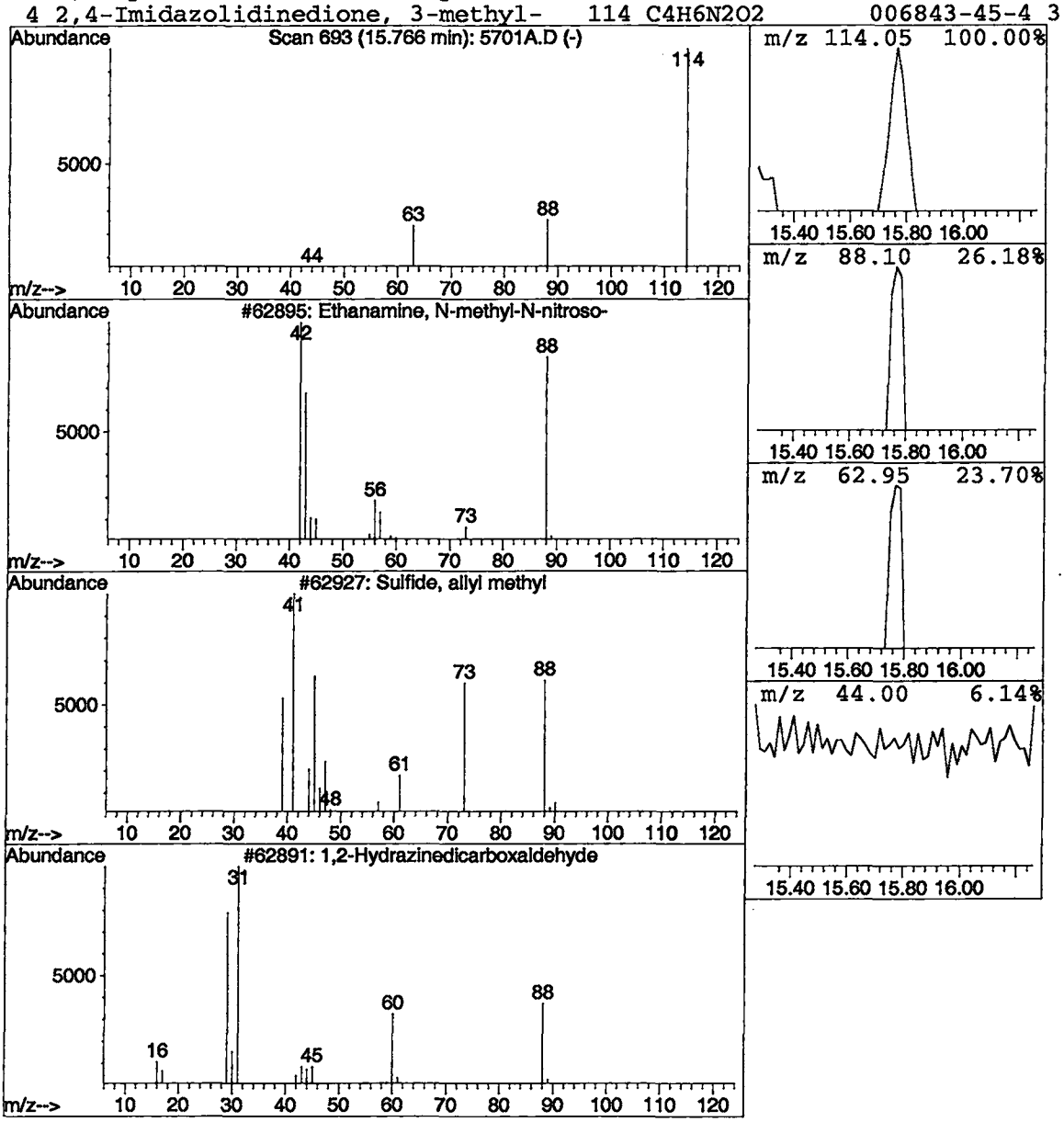
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	21883	1,4-DIFLUOROBENZENE	15.10

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



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar12\05701.D Vial: 19
Acq On : 12 Mar 2002 10:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 12 22:59 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1506890	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1213905	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	555598	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	603186	6.19	ug/L	-0.09
Spiked Amount 5.000			Recovery =	123.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	434846	3.56	ug/L	-0.09
Spiked Amount 5.000			Recovery =	71.20%		
25) TOLUENE-D8	18.44	98	1595711	5.45	ug/L	-0.09
Spiked Amount 5.000			Recovery =	109.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	38520	5.00	ug/L	90

Cal failed

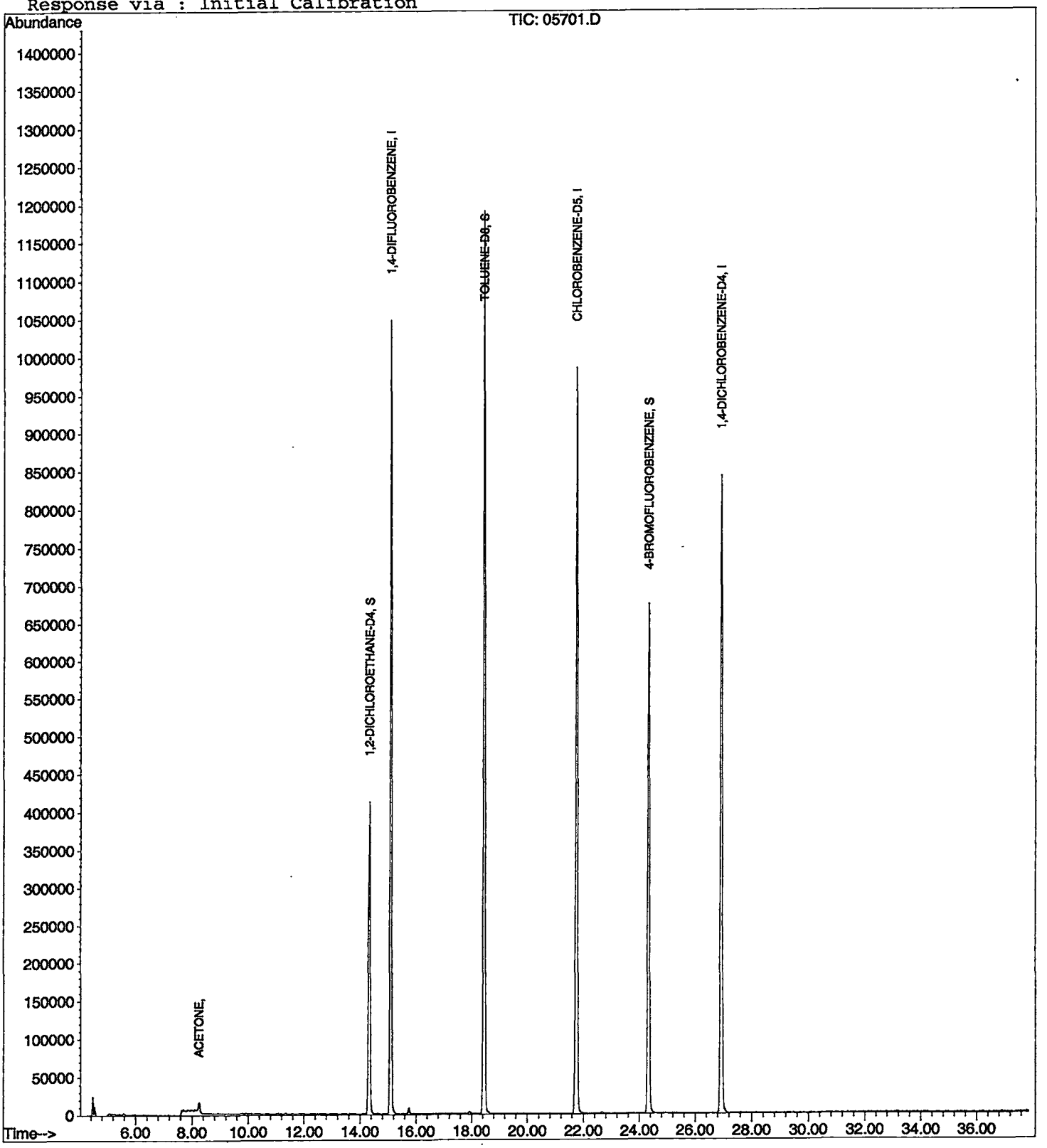
(#) = qualifier out of range (m) = manual integration
05701.D HP022702.M Tue Mar 12 22:59:44 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar12\05701.D
Acq On : 12 Mar 2002 10:21 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 12 22:59 2002

Vial: 19
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:40:28

Sample: AE05701
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/13/02 00:04 Ended: 3/13/02 00:04 Analyst: BH
Result source: a:\5701d.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.2 6.0	.5
2	Surr - 4-BROMOFLUOROBENZ		4.2 4.1	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.4 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
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5
48	Bromobenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:40:28

Sample: AE05701
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/13/02 00:04 Ended: 3/13/02 00:04 Analyst: BH
Result source: a:\5701d.rr
Page: 2

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

Comments for Sample AE05701 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:45:08

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:40:39

Sample: AE05701
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/13/02 00:04 Ended: 3/13/02 00:04 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.20
2	Surr - 4-BROMOFLUOROBENZ		0.10
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		0.0
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: 03/15/2002 Time: 10:40:39

Sample: AE05701
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/13/02 00:04 Ended: 3/13/02 00:04 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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5701D.D Vial: 8
Acq On : 13 Mar 2002 4:56 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:22 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1565516	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.79	117	1410441	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	660296	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	630346	6.23	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 124.60%		
3) 4-BROMOFLUOROBENZENE	24.38	174	534917	4.22	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 84.40%		
25) TOLUENE-D8	18.49	98	1846967	5.43	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 108.60%		
Target Compounds						Qvalue
12) ACETONE	8.28	43	36087	4.51	ug/L	99

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

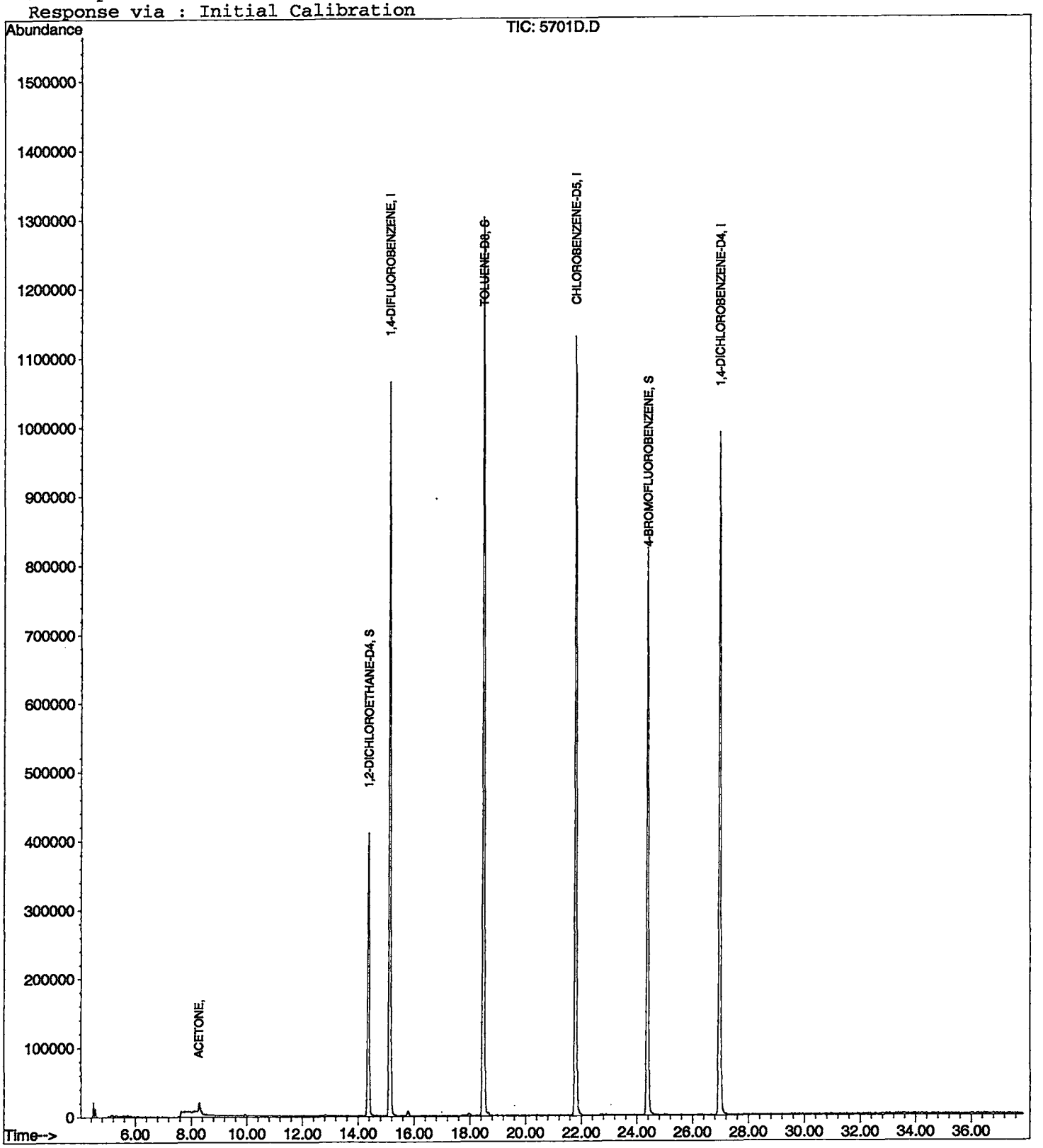
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5701D.D
Acq On : 13 Mar 2002 4:56 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:22 2002

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

Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5701D.D Vial: 8
Acq On : 13 Mar 2002 4:56 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

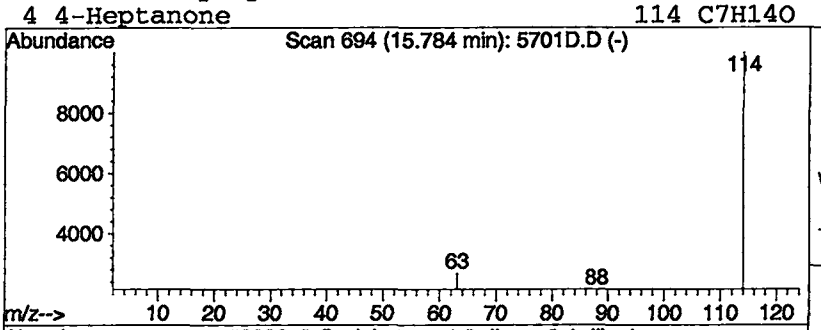
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

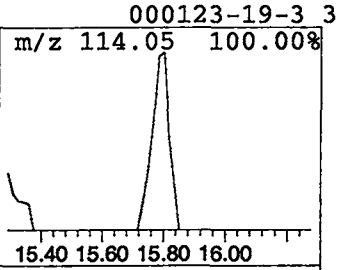
****

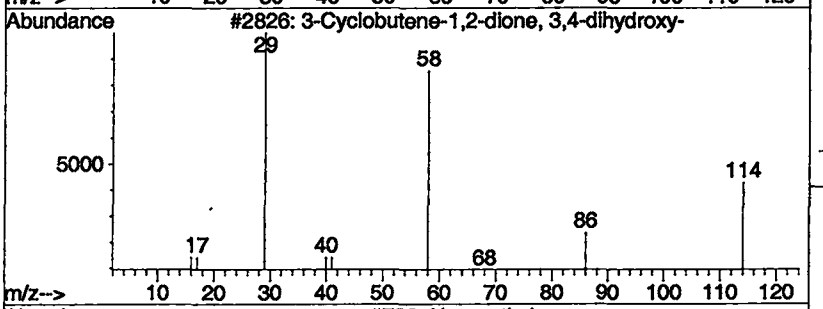
Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 2

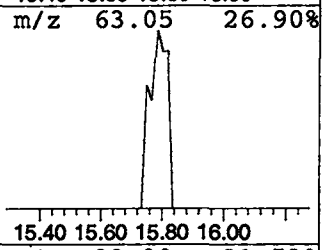
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	24931	1,4-DIFLUOROBENZENE	15.12

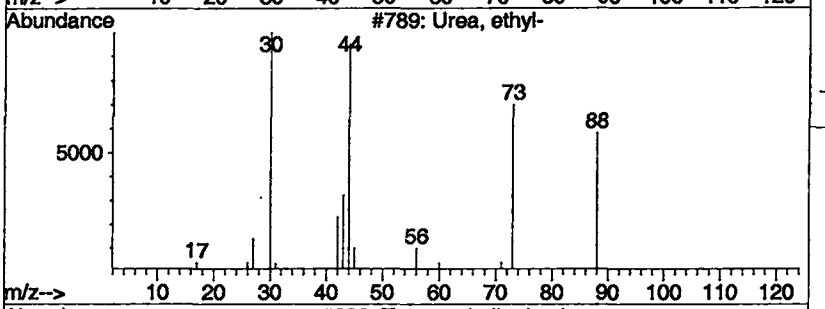
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
4	4-Heptanone	114	C7H14O	000123-19-3	3

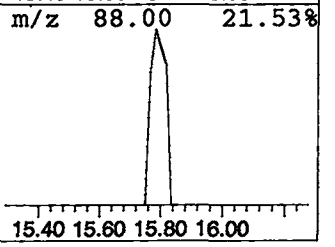


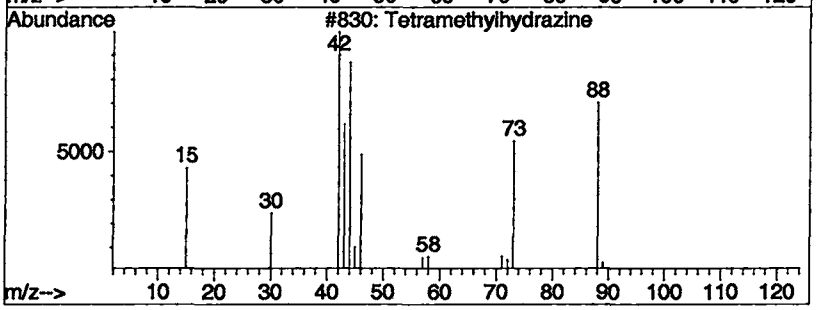












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:44:36

Sample: AE05702
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:05 Ended: 3/13/02 00:05 Analyst: BH
Result source: a:\5702a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.2	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		5.4	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 _____
DATE _____

REVIEWED BY _____
DATE 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:44:36

Sample: AE05702
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:05 Ended: 3/13/02 00:05 Analyst: BH
Result source: a:\5702a.rr
Page: 2

	Component Name	Vial	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

Comments for Sample AE05702 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:41:09

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5702A.D Vial: 9
Acq On : 13 Mar 2002 5:40 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:23 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1725868	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.79	117	1560072	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	734902	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	696294	6.24	ug/L	-0.03
Spiked Amount 5.000			Recovery	= 124.80%		
3) 4-BROMOFLUOROBENZENE	24.38	174	588105	4.21	ug/L	-0.03
Spiked Amount 5.000			Recovery	= 84.20%		
25) TOLUENE-D8	18.49	98	2040549	5.42	ug/L	-0.03
Spiked Amount 5.000			Recovery	= 108.40%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	37410	4.24	ug/L	92
18) 2-BUTANONE (MEK)	12.09	43	2161	0.11	ug/L	60

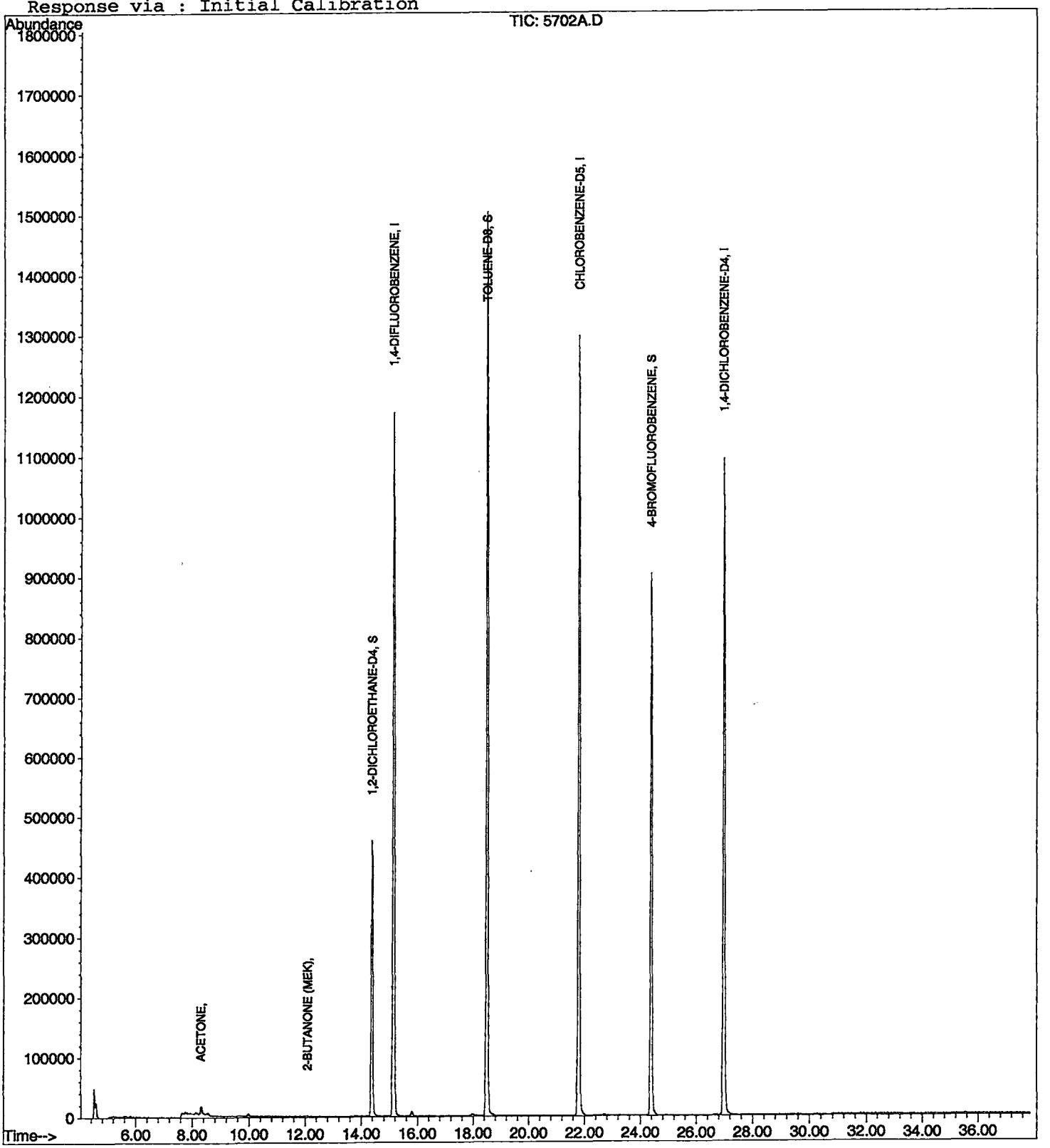
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5702A.D
Acq On : 13 Mar 2002 5:40 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:23 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5702A.D Vial: 9
Acq On : 13 Mar 2002 5:40 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

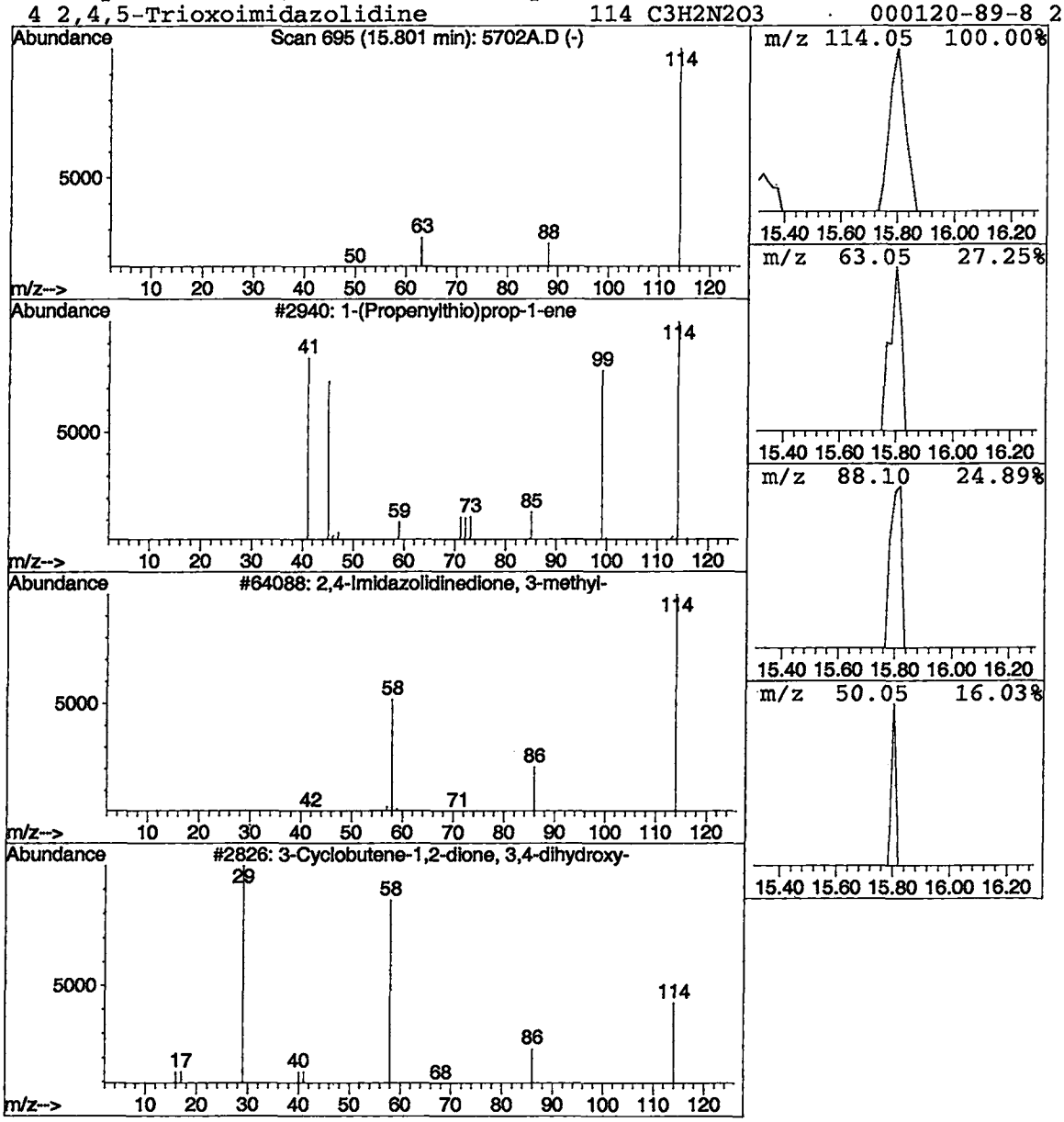
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	28497	1,4-DIFLUOROBENZENE	15.14

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



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar12\05702.D Vial: 20
Acq On : 12 Mar 2002 11:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 12 23:43 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1525957	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1213210	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	547019	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	600829	6.09	ug/L	-0.09
Spiked Amount 5.000			Recovery	= 121.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	435632	3.53	ug/L	-0.09
Spiked Amount 5.000			Recovery	= 70.60%		
25) TOLUENE-D8	18.44	98	1598310	5.46	ug/L	-0.09
Spiked Amount 5.000			Recovery	= 109.20%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	40240	5.15	ug/L	98
18) 2-BUTANONE (MEK)	12.02	43	1441	0.09	ug/L	60

Cal failed

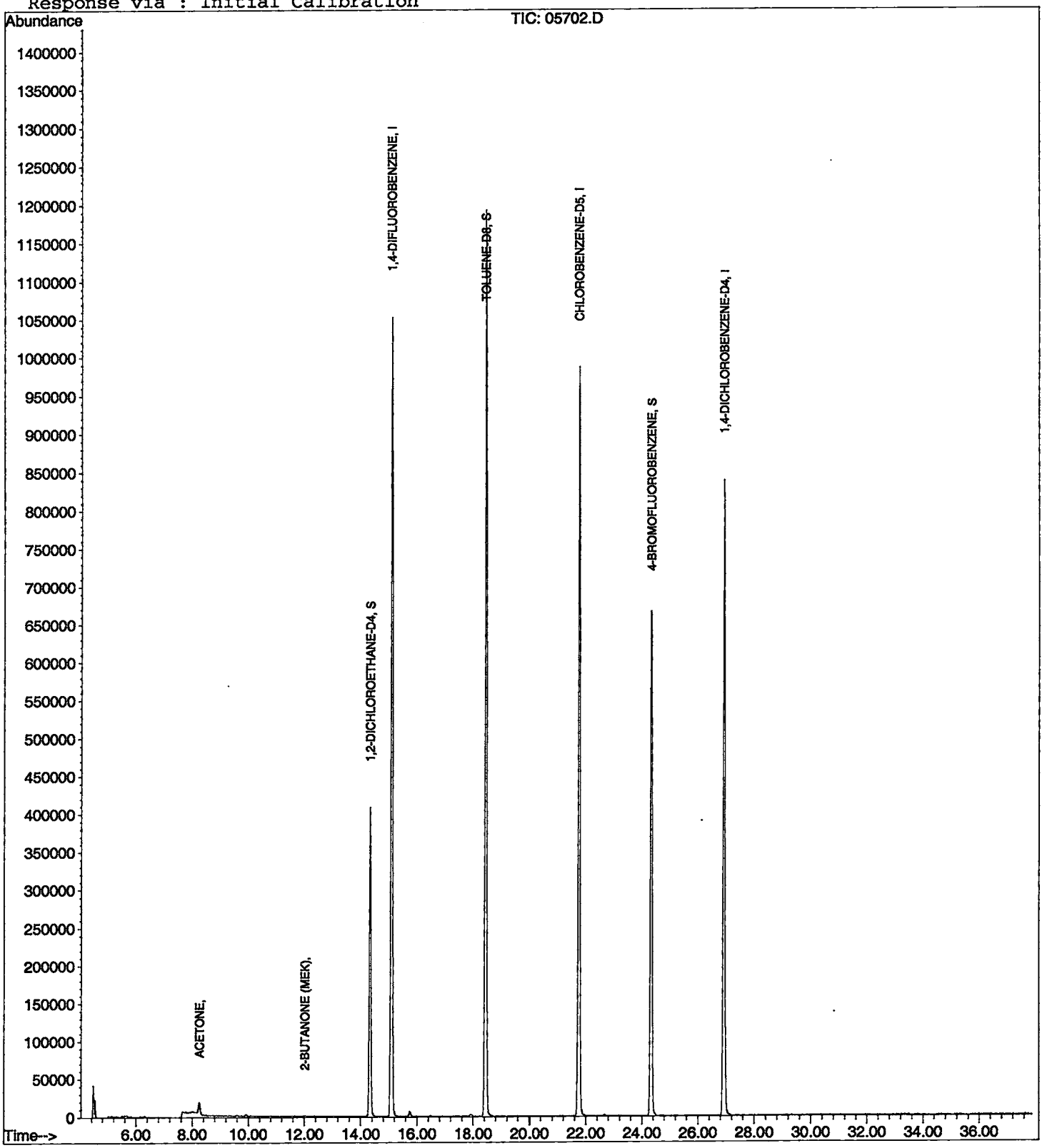
(#) = qualifier out of range (m) = manual integration
05702.D HP022702.M Tue Mar 12 23:43:42 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar12\05702.D
Acq On : 12 Mar 2002 11:04 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 12 23:43 2002

Vial: 20
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:45:51

Sample: AE05895
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:06 Ended: 3/13/02 00:06 Analyst: BH
Result source: a:\5895a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		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 3/19/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:45:51

Sample: AE05895
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:06 Ended: 3/13/02 00:06 Analyst: BH
Result source: a:\5895a.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 AE05895 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:41:18

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5895A.D Vial: 10
Acq On : 13 Mar 2002 6:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:25 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1757140	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	1589322	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	761494	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	710674	6.25	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 125.00%		
3) 4-BROMOFLUOROBENZENE	24.38	174	609892	4.29	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 85.80%		
25) TOLUENE-D8	18.49	98	2078184	5.42	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 108.40%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	47172	5.25	ug/L	100
65) 1,3-DICHLOROBENZENE	27.04	146	6422	0.05	ug/L	82

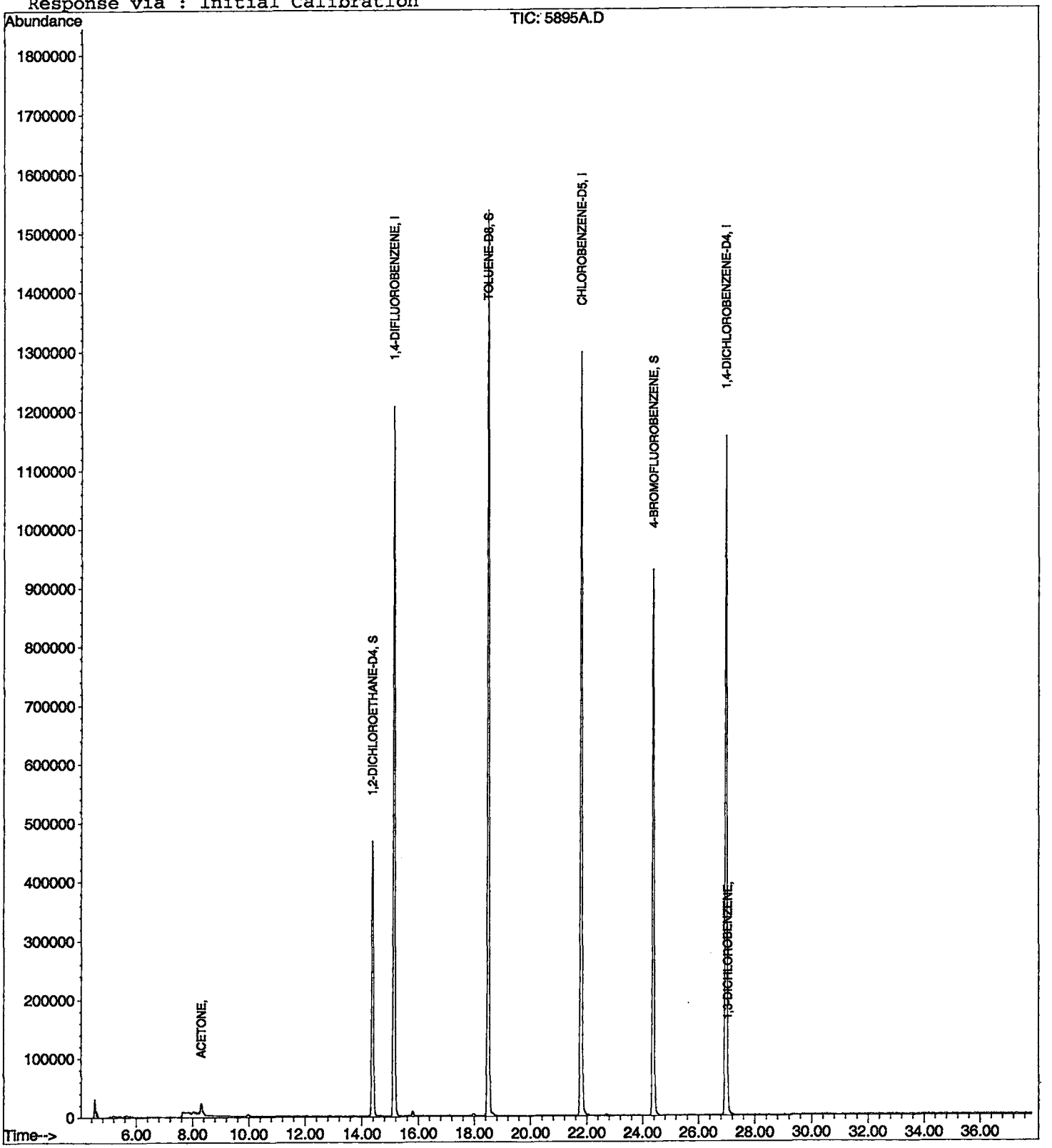
(#) = qualifier out of range (m) = manual integration
5895A.D HP022702.M Thu Mar 14 11:25:40 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5895A.D
Acq On : 13 Mar 2002 6:23 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:25 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5895A.D Vial: 10
Acq On : 13 Mar 2002 6:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

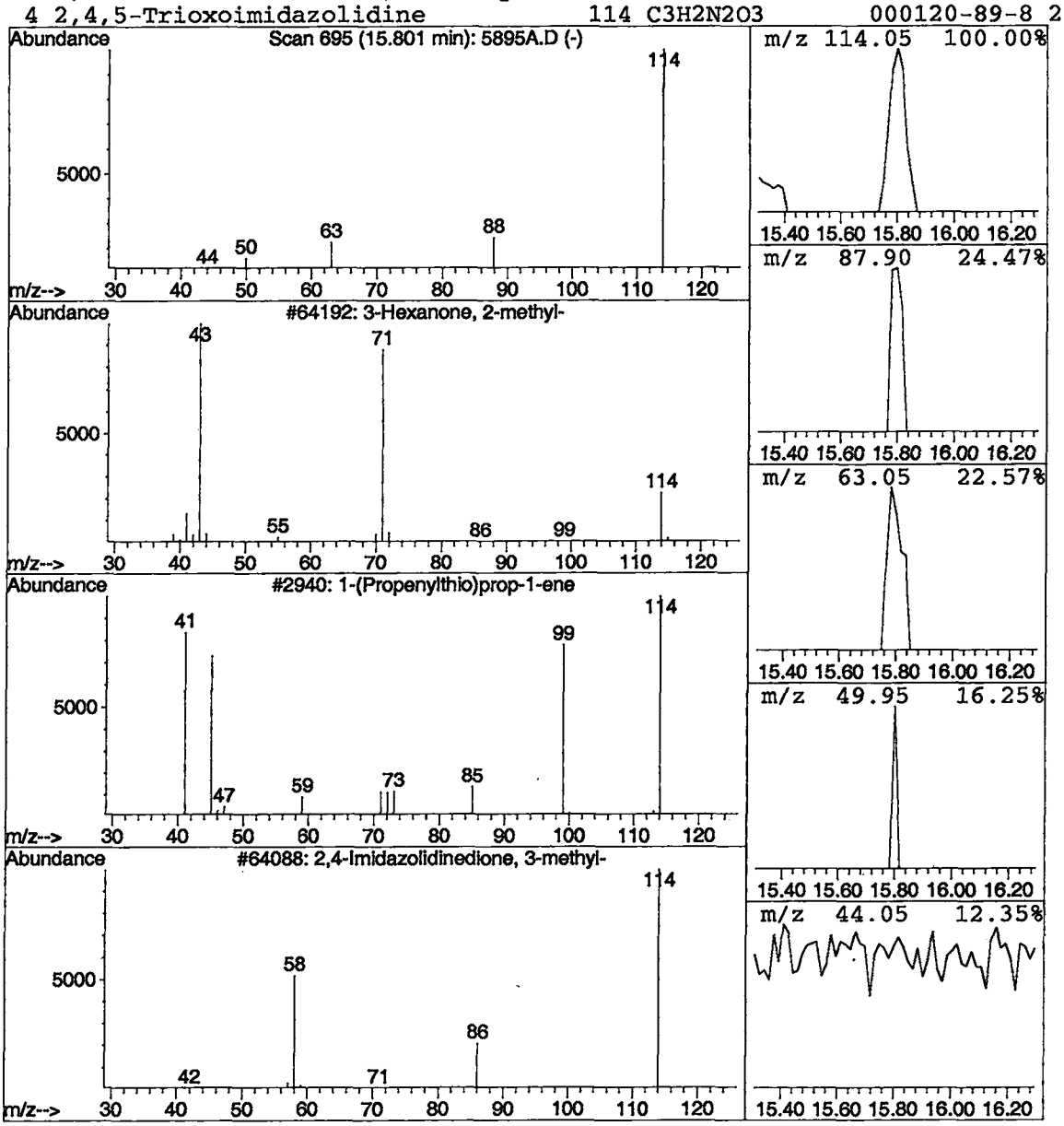
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	32530	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar12\05895.D Vial: 21
Acq On : 12 Mar 2002 11:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 13 0:26 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1470600	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1171120	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	538973	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	589861	6.20	ug/L	-0.09
Spiked Amount 5.000			Recovery = 124.00%			
3) 4-BROMOFLUOROBENZENE	24.33	174	429764	3.61	ug/L	-0.09
Spiked Amount 5.000			Recovery = 72.20%			
25) TOLUENE-D8	18.44	98	1548435	5.48	ug/L	-0.09
Spiked Amount 5.000			Recovery = 109.60%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	44807	5.95	ug/L	95
65) 1,3-DICHLOROBENZENE	26.99	146	4734	0.05	ug/L	84
66) 1,4-DICHLOROBENZENE	26.99	146	4734	0.05	ug/L	80

Cal failed

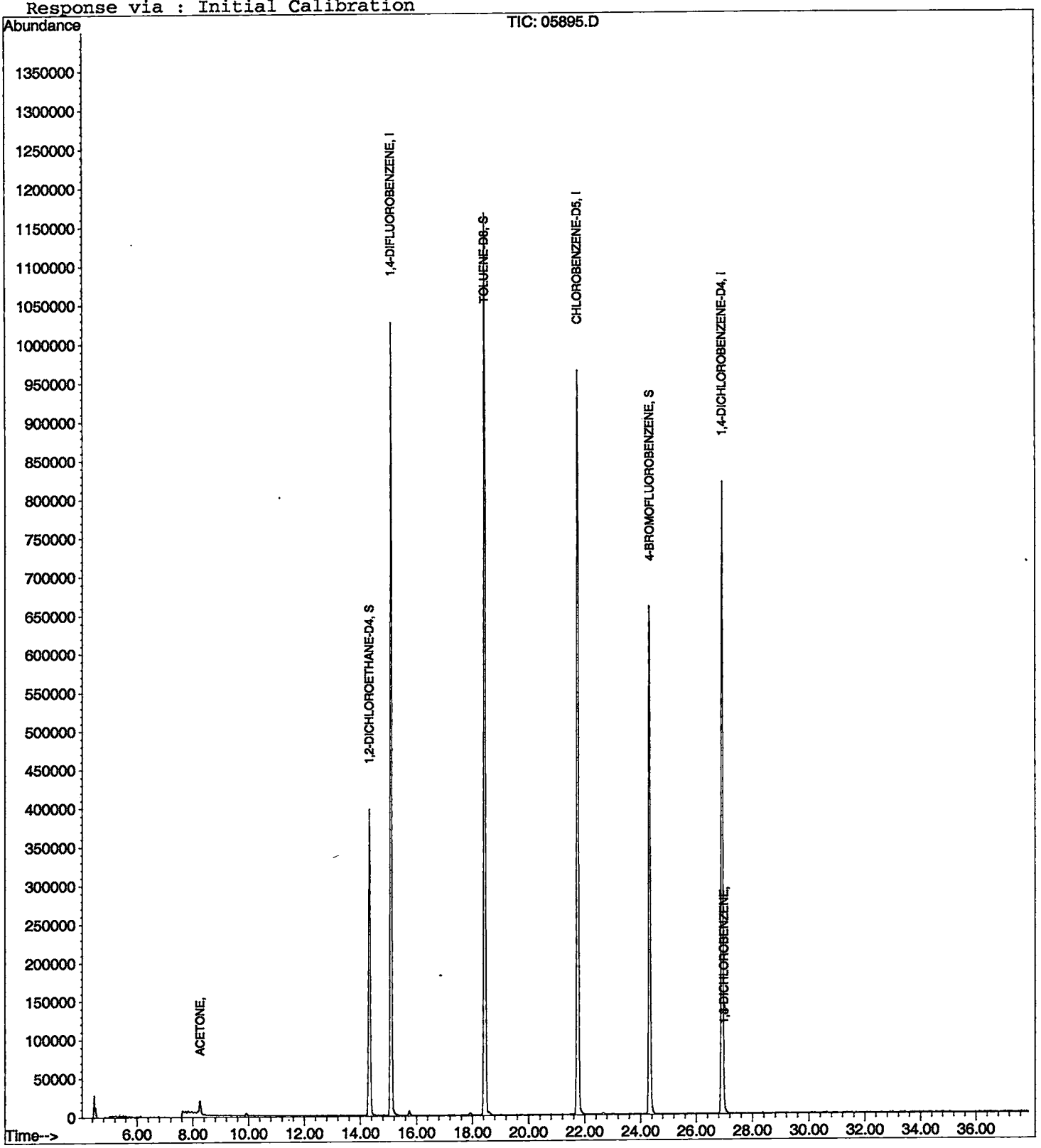
(#) = qualifier out of range (m) = manual integration
05895.D HP022702.M Wed Mar 13 00:26:15 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar12\05895.D
Acq On : 12 Mar 2002 11:47 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 13 0:26 2002

Vial: 21
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:46:24

Sample: AE05896
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:07 Ended: 3/13/02 00:07 Analyst: BH
Result source: a:\5896a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		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 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:46:24

Sample: AE05896
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:07 Ended: 3/13/02 00:07 Analyst: BH
Result source: a:\5896a.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 AE05896 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:41:27

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5896A.D Vial: 11
Acq On : 13 Mar 2002 7:07 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:26 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1690033	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.79	117	1515181	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	710786	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	691247	6.32	ug/L	-0.03
Spiked Amount 5.000			Recovery	= 126.40%		
3) 4-BROMOFLUOROBENZENE	24.38	174	570329	4.17	ug/L	-0.03
Spiked Amount 5.000			Recovery	= 83.40%		
25) TOLUENE-D8	18.49	98	1987566	5.44	ug/L	-0.03
Spiked Amount 5.000			Recovery	= 108.80%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	57728	6.68	ug/L	92
18) 2-BUTANONE (MEK)	12.04	43	2713	0.15	ug/L	60

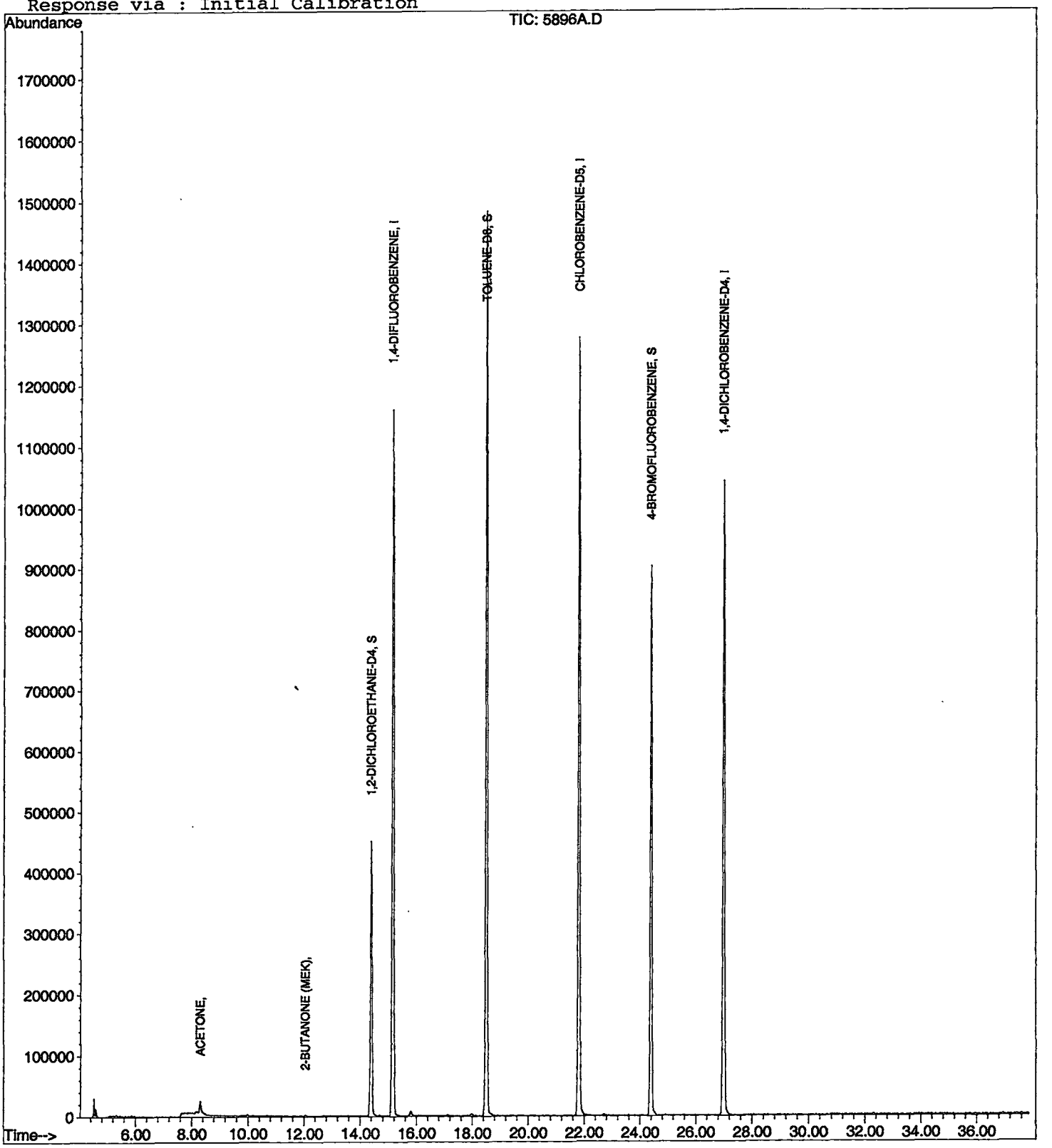
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5896A.D
Acq On : 13 Mar 2002 7:07 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:26 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5896A.D Vial: 11
Acq On : 13 Mar 2002 7:07 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

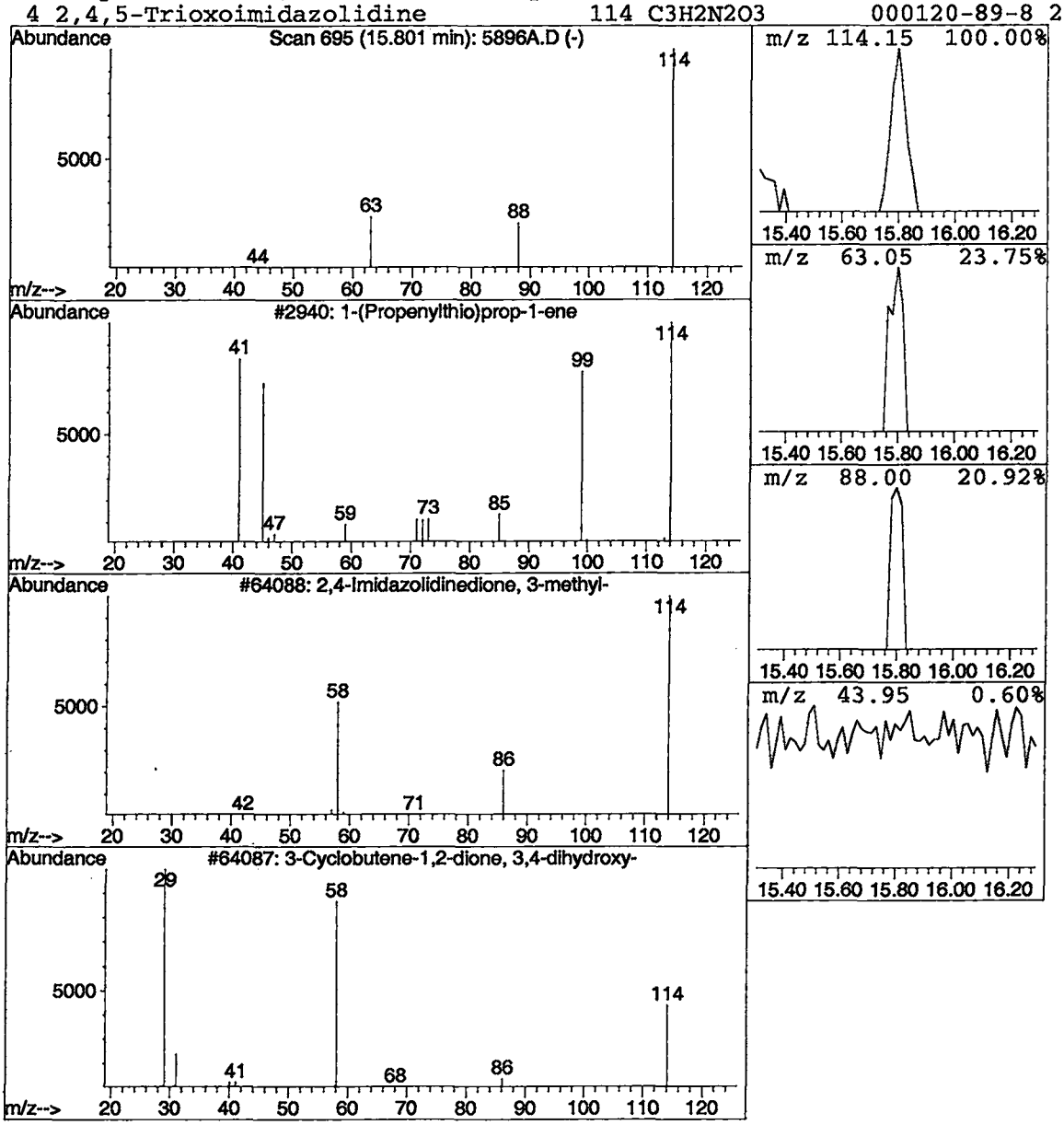
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	25857	1,4-DIFLUOROBENZENE	15.14

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



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar12\05896.D Vial: 22
Acq On : 13 Mar 2002 12:31 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 13 1:09 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1286167	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1140358	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	518095	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	575663	6.92	ug/L	-0.09
Spiked Amount 5.000			Recovery = 138.40%			
3) 4-BROMOFLUOROBENZENE	24.33	174	413493	3.97	ug/L	-0.09
Spiked Amount 5.000			Recovery = 79.40%			
25) TOLUENE-D8	18.44	98	1514630	5.51	ug/L	-0.09
Spiked Amount 5.000			Recovery = 110.20%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	57655	8.76	ug/L	98

cal failed

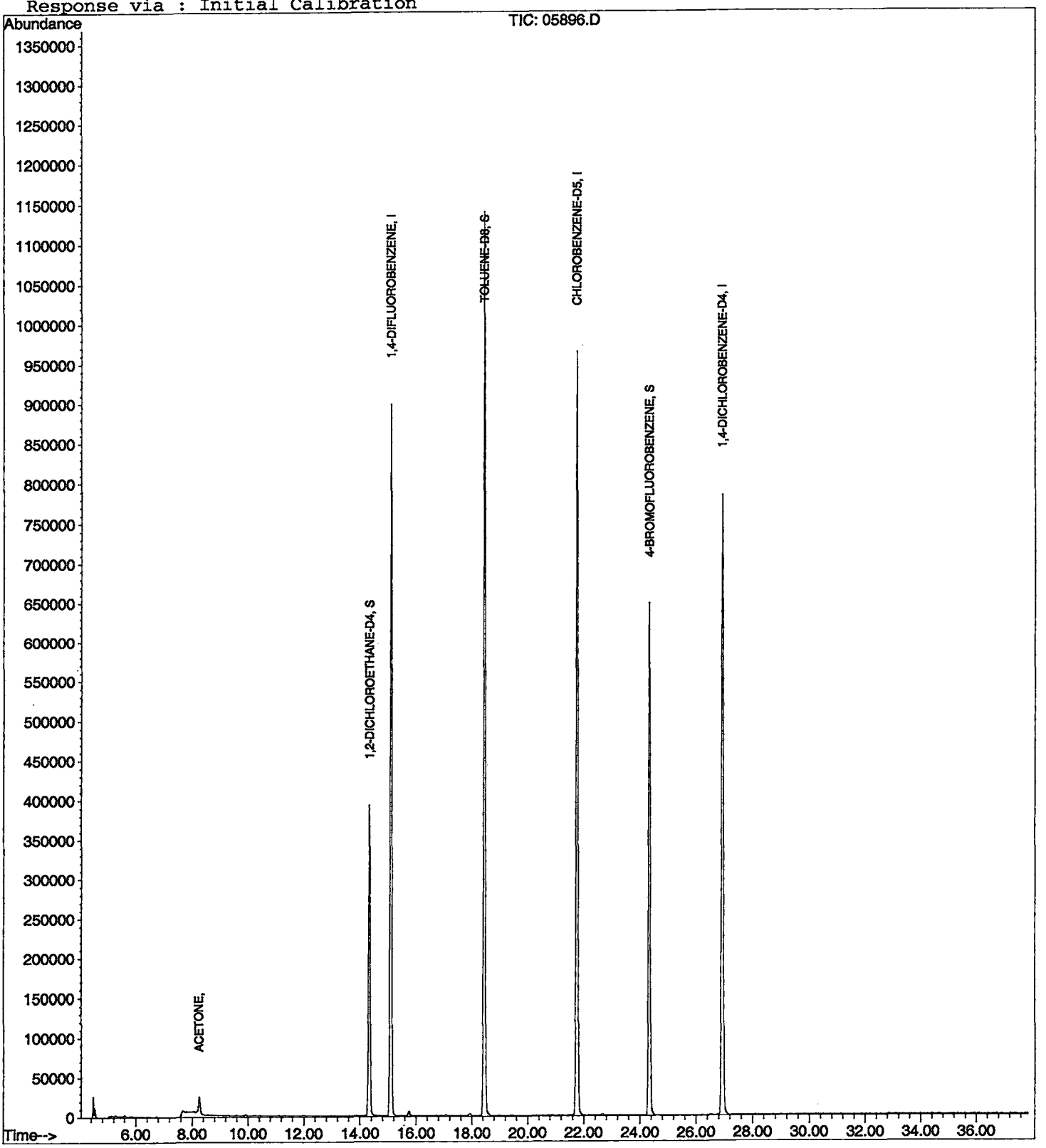
(#) = qualifier out of range (m) = manual integration
05896.D HP022702.M Wed Mar 13 01:09:41 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar12\05896.D
Acq On : 13 Mar 2002 12:31 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 13 1:09 2002

Vial: 22
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:47:07

Sample: AE05897
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:07 Ended: 3/13/02 00:07 Analyst: BH
Result source: a:\5897a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		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 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:47:07

Sample: AE05897
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/13/02 00:07 Ended: 3/13/02 00:07 Analyst: BH
Result source: a:\5897a.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 AE05897 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:41:37

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5897A.D Vial: 12
Acq On : 13 Mar 2002 7:49 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:28 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1738130	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.79	117	1576615	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	739744	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	710068	6.32	ug/L	-0.02
Spiked Amount 5.000			Recovery =	126.40%		
3) 4-BROMOFLUOROBENZENE	24.38	174	588357	4.18	ug/L	-0.04
Spiked Amount 5.000			Recovery =	83.60%		
25) TOLUENE-D8	18.49	98	2041794	5.37	ug/L	-0.04
Spiked Amount 5.000			Recovery =	107.40%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	31312	3.52	ug/L	92
18) 2-BUTANONE (MEK)	12.04	43	1412	0.07	ug/L	60

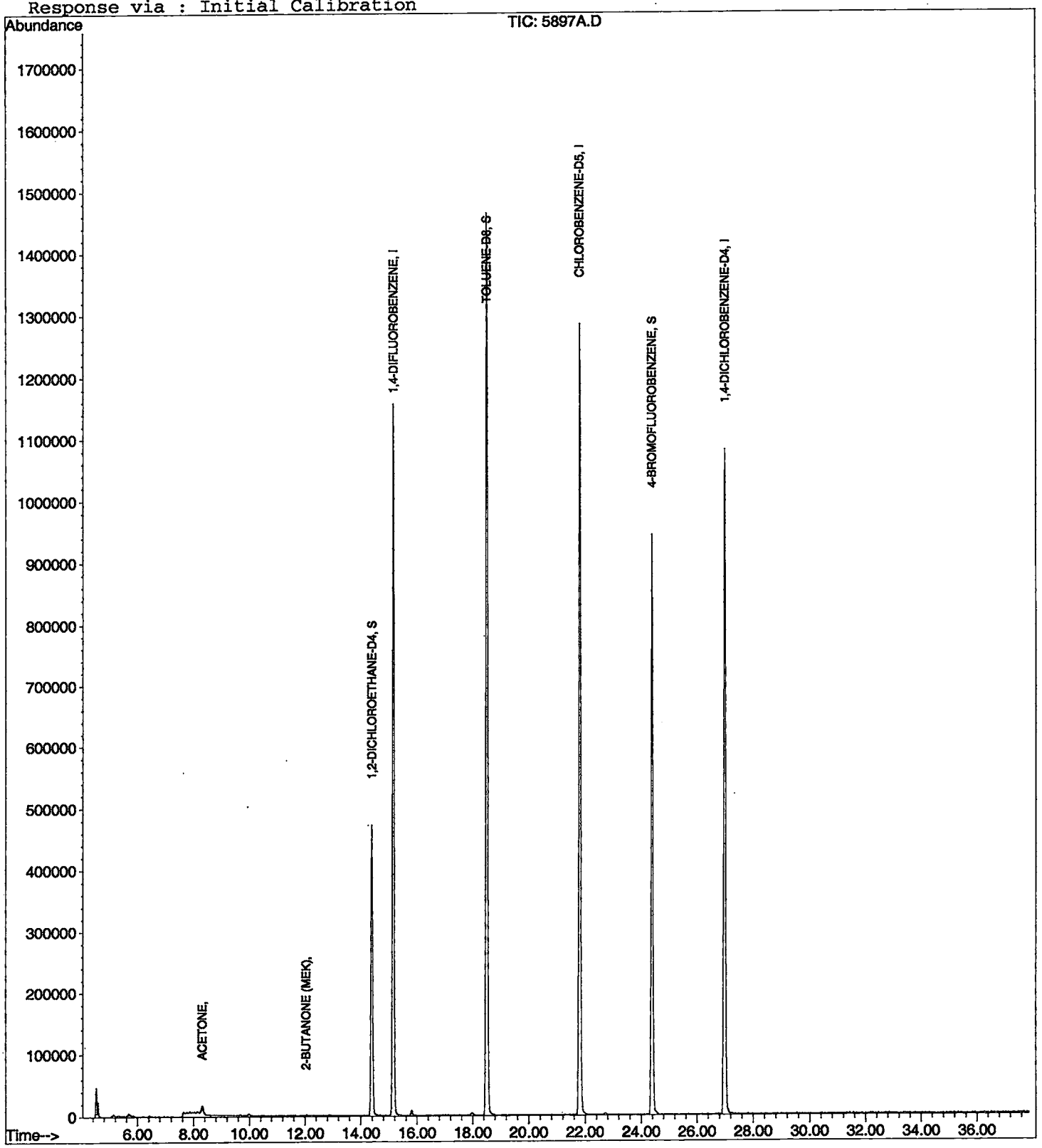
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5897A.D
Acq On : 13 Mar 2002 7:49 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:28 2002

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5897A.D Vial: 12
Acq On : 13 Mar 2002 7:49 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

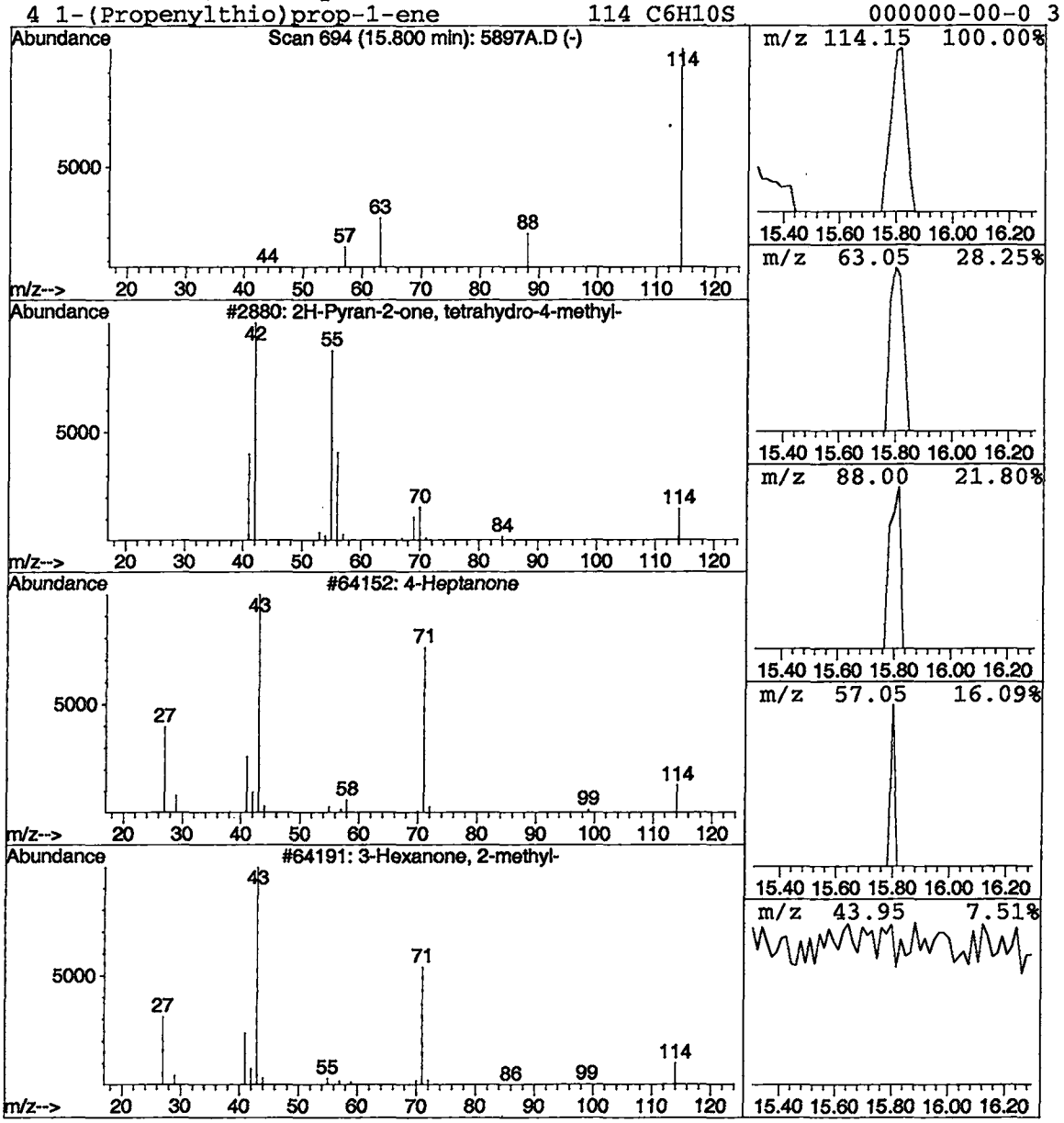
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	28542	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar12\05897.D Vial: 23
Acq On : 13 Mar 2002 1:14 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 13 1:52 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1333495	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1179218	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	543315	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	596430	6.92	ug/L	-0.09
Spiked Amount 5.000			Recovery = 138.40%			
3) 4-BROMOFLUOROBENZENE	24.33	174	421389	3.90	ug/L	-0.09
Spiked Amount 5.000			Recovery = 78.00%			
25) TOLUENE-D8	18.44	98	1556810	5.48	ug/L	-0.09
Spiked Amount 5.000			Recovery = 109.60%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	26708	3.91	ug/L	99

Cal failed

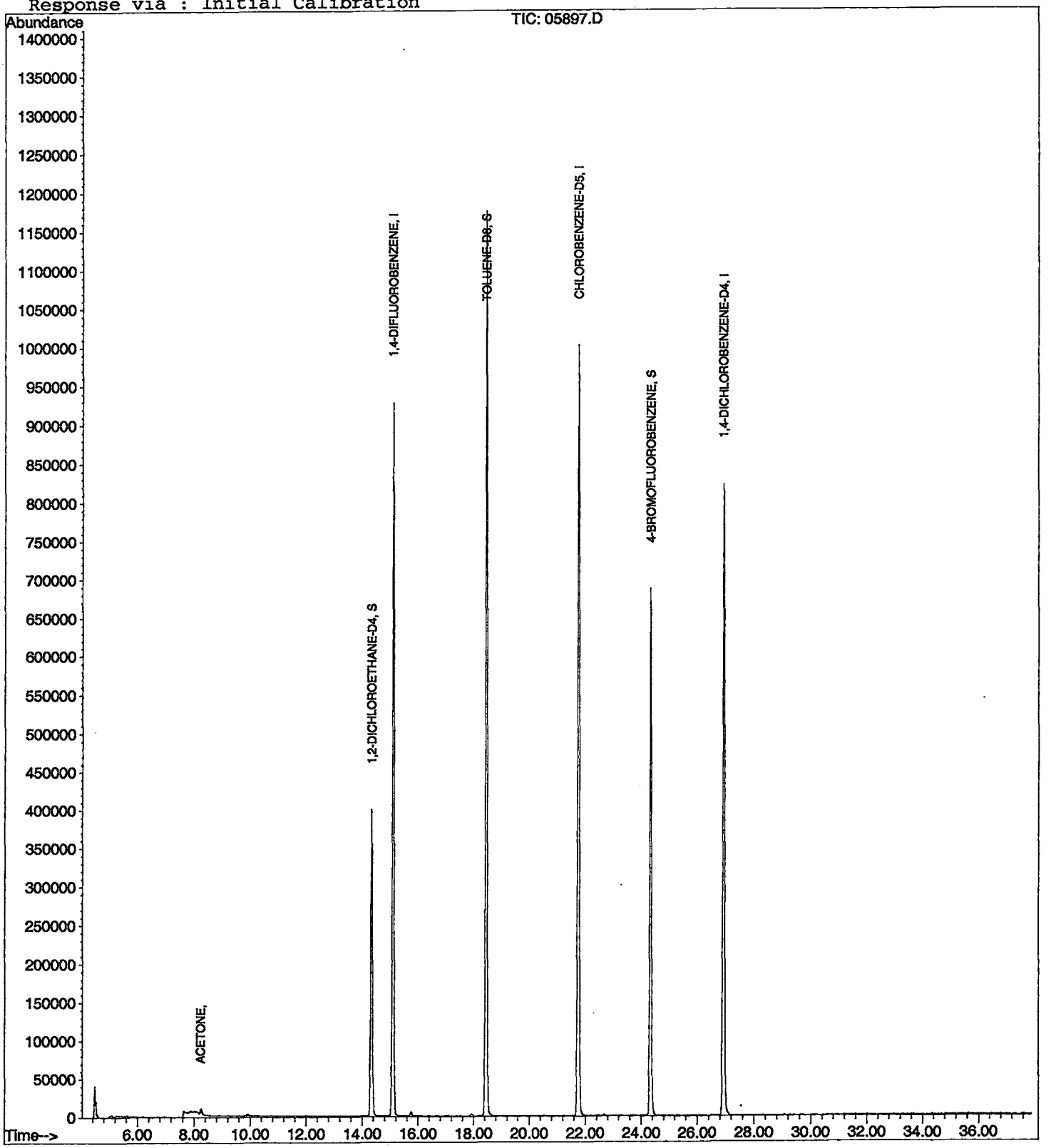
(#) = qualifier out of range (m) = manual integration
05897.D HP022702.M Wed Mar 13 01:53:05 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar12\05897.D
Acq On : 13 Mar 2002 1:14 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 13 1:52 2002

Vial: 23
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 11 11:11:58 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 16:07:40

Sample: AE05701
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/13/2002 00:09 Ended: 3/13/2002 00:09 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D	USPEC	6.5	.5
2	Surr_4-BROMOFLUOROBENZE		4.5	.5
3	Dichlorodifluoromethane	USPEC	16	.5
4	Chloromethane	USPEC	18	.5
5	Vinyl chloride	USPEC	24	.5
6	Bromomethane	USPEC	20	.5
7	Chloroethane	USPEC	22	.5
8	Trichlorofluoromethane	USPEC	20	.5
9	1,1-Dichloroethene	USPEC	18	.5
10	Methylene Chloride	USPEC	14	.5
11	Methyl tert-butyl ether (MTBE)		12	1.0
12	trans-1,2-dichloroethene	USPEC	14	.5
13	1,1-dichloroethane		13	.5
14	2-butanone (MEK)		8.7	2.0
15	2,2-dichloropropane		12	.5
16	cis-1,2-dichloroethene		13	.5
17	Chloroform		13	.5
18	Bromochloromethane		10	.5
19	1,2-dichloroethane	USPEC	14	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1-trichloroethane	USPEC	16	.5
22	1,1-dichloropropene	USPEC	15	.5
23	Carbon tetrachloride	USPEC	16	.5
24	Benzene		13	.5
25	Trichloroethene	USPEC	14	.5
26	1,2-dichloropropane		11	.5
27	Dibromomethane		12	.5
28	Bromodichloromethane		13	.5
29	Methyl iso-butyl ketone		9.2	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		13	.5
32	trans-1,3-dichloropropene		12	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		13	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		12	.5
38	1,1,1,2-tetrachloroethane		13	.5
39	Ethylbenzene		13	.5
40	P & M-xylene		25	.5
41	O-xylene		13	.5
42	Styrene		12	.5
43	1,1,2,2-tetrachloroethane		9.7	.5
44	Bromoform		13	2.0
45	Isopropylbenzene		13	.5
46	1,2,3-trichloropropane		12	.5
47	N-propylbenzene		13	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 16:07:40

Sample: AE05701
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/13/2002 00:09 Ended: 3/13/2002 00:09 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		13	.5
49	1,3,5-trimethylbenzene	USPEC	14	.5
50	2-chlorotoluene		12	.5
51	4-chlorotoluene		13	.5
52	TERT-butylbenzene		13	.5
53	1,2,4-trimethylbenzene		13	.5
54	SEC-butylbenzene		13	.5
55	P-isopropyltoluene		13	.5
56	1,3-dichlorobenzene		12	.5
57	1,4-dichlorobenzene		12	.5
58	N-butylbenzene		13	.5
59	1,2-dichlorobenzene		12	.5
60	1,2,4-trichlorobenzene		12	.5
61	Hexachlorobutadiene	USPEC	15	.5
62	Naphthalene		9.6	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene		190	5.0

Comments for Sample AE05701 - Analysis $C2524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 16:13:49

The sample run before this CCV and the two samples run after this CCV will be rerun.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10B.D Vial: 3
Acq On : 13 Mar 2002 9:16 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:15 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	842163	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.79	117	777073	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	393545	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	356326	6.54	ug/L	-0.02
Spiked Amount 5.000			Recovery	= 130.80%		
3) 4-BROMOFLUOROBENZENE	24.38	174	305932	4.49	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 89.80%		
25) TOLUENE-D8	18.49	98	988849	5.28	ug/L	-0.04
Spiked Amount 5.000			Recovery	= 105.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.90	85	395967	15.82	ug/L	100
5) CHLOROMETHANE	5.56	50	465031	17.73	ug/L	99
6) VINYL CHLORIDE	5.66	62	392349	24.35	ug/L	96
7) BROMOMETHANE	6.63	94	326063	19.87	ug/L	91
8) CHLOROETHANE	6.78	64	312342	21.97	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.34	101	620517	20.09	ug/L	99
12) ACETONE	8.31	43	67387	15.64	ug/L	99
13) 1,1-DICHLOROETHENE	8.67	61	658969	17.97	ug/L	98
14) METHYLENE CHLORIDE	9.67	49	592756	13.71	ug/L	94
15) METHYL TERT BUTYL ETHER	9.98	73	573790	11.58	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.33	61	685973	13.80	ug/L	100
17) 1,1-DICHLOROETHANE	11.22	63	780930	12.72	ug/L	98
18) 2-BUTANONE (MEK)	12.05	43	80033	8.67	ug/L	87
19) 2,2-DICHLOROPROPANE	12.43	77	553974	12.23	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.53	96	476950	12.62	ug/L	98
21) CHLOROFORM	12.87	83	854392	13.25	ug/L	99
22) BROMOCHLOROMETHANE	13.25	49	329190	10.36	ug/L	86
23) 1,2-DICHLOROETHANE	14.59	62	567950	13.94	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.76	97	659666	15.87	ug/L	98
27) 1,1-DICHLOROPROPENE	14.08	75	595932	14.63	ug/L	99
28) CARBON TETRACHLORIDE	14.34	117	571717	16.40	ug/L	100
29) BENZENE	14.68	78	1515962	13.16	ug/L	98
30) TRICHLOROETHENE	15.95	95	467127	13.78	ug/L	99
31) 1,2-DICHLOROPROPANE	16.31	63	375270	11.22	ug/L	94
32) DIBROMOMETHANE	16.97	174	210127	11.97	ug/L	89
33) BROMODICHLOROMETHANE	16.82	83	564733	13.46	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.30	63	118541	11.18	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.38	58	55026	9.23	ug/L	100
36) CIS-1,3-DICHLOROPROPENE	17.91	75	531403	11.65	ug/L	98
37) TOLUENE	18.68	91	1613207	12.74	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.95	75	392026	12.01	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.34	97	247770	11.39	ug/L	98
40) TETRACHLOROETHENE	20.12	166	473965	13.03	ug/L	99
41) 1,3-DICHLOROPROPANE	19.87	76	458495	11.49	ug/L	99
42) DIBROMOCHLOROMETHANE	20.55	129	322176	12.34	ug/L	98
43) 1,2-DIBROMOETHANE	21.01	107	253099	11.42	ug/L	97
44) CHLOROBENZENE	21.88	112	1064455	12.26	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.93	131	368855	12.81	ug/L	95
46) 2-HEXANONE	19.24	43	95610	6.30	ug/L	98
47) ETHYLBENZENE	21.93	91	1879103	13.07	ug/L	100
48) P & M-XYLENE	22.08	106	1280614	24.72	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10B.D Vial: 3
Acq On : 13 Mar 2002 9:16 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:15 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	23.05	91	1455933	12.78 ug/L	95
50)	STYRENE	23.12	104	1026364	11.88 ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.14	83	242395	9.66 ug/L	97
53)	BROMOFORM	23.97	173	155451	12.64 ug/L	97
54)	ISOPROPYLBENZENE	23.78	105	1654630	13.32 ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.47	110	80011	12.11 ug/L	97
56)	N-PROPYLBENZENE	24.65	91	2070149	12.89 ug/L	100
57)	BROMOBENZENE	24.89	156	436009	12.51 ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.96	105	1462658	13.70 ug/L	94
59)	2-CHLOROTOLUENE	25.13	91	1349036	12.44 ug/L	98
60)	4-CHLOROTOLUENE	25.20	91	1295093	13.48 ug/L	98
61)	TERT-BUTYLBENZENE	25.76	119	1330777	13.13 ug/L	91
62)	1,2,4-TRIMETHYLBENZENE	25.84	105	1504267	13.40 ug/L	94
63)	SEC-BUTYLBENZENE	26.22	105	1790116	13.15 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.47	119	1412421	13.18 ug/L	94
65)	1,3-DICHLOROBENZENE	26.83	146	794372	11.99 ug/L	97
66)	1,4-DICHLOROBENZENE	27.05	146	806772	11.91 ug/L	96
67)	N-BUTYLBENZENE	27.36	91	1394771	12.60 ug/L	98
68)	1,2-DICHLOROBENZENE	27.90	146	686754	12.14 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.69	157	36273	11.62 ug/L	96
70)	1,2,4-TRICHLOROBENZENE	31.99	180	422338	11.79 ug/L	97
71)	HEXACHLOROBUTADIENE	32.30	225	239020	14.82 ug/L	98
72)	NAPHTHALENE	32.84	128	432554	9.60 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.54	180	347649	11.89 ug/L	98
74)	NITROBENZENE	29.91	77	153486	194.75 ug/L	93

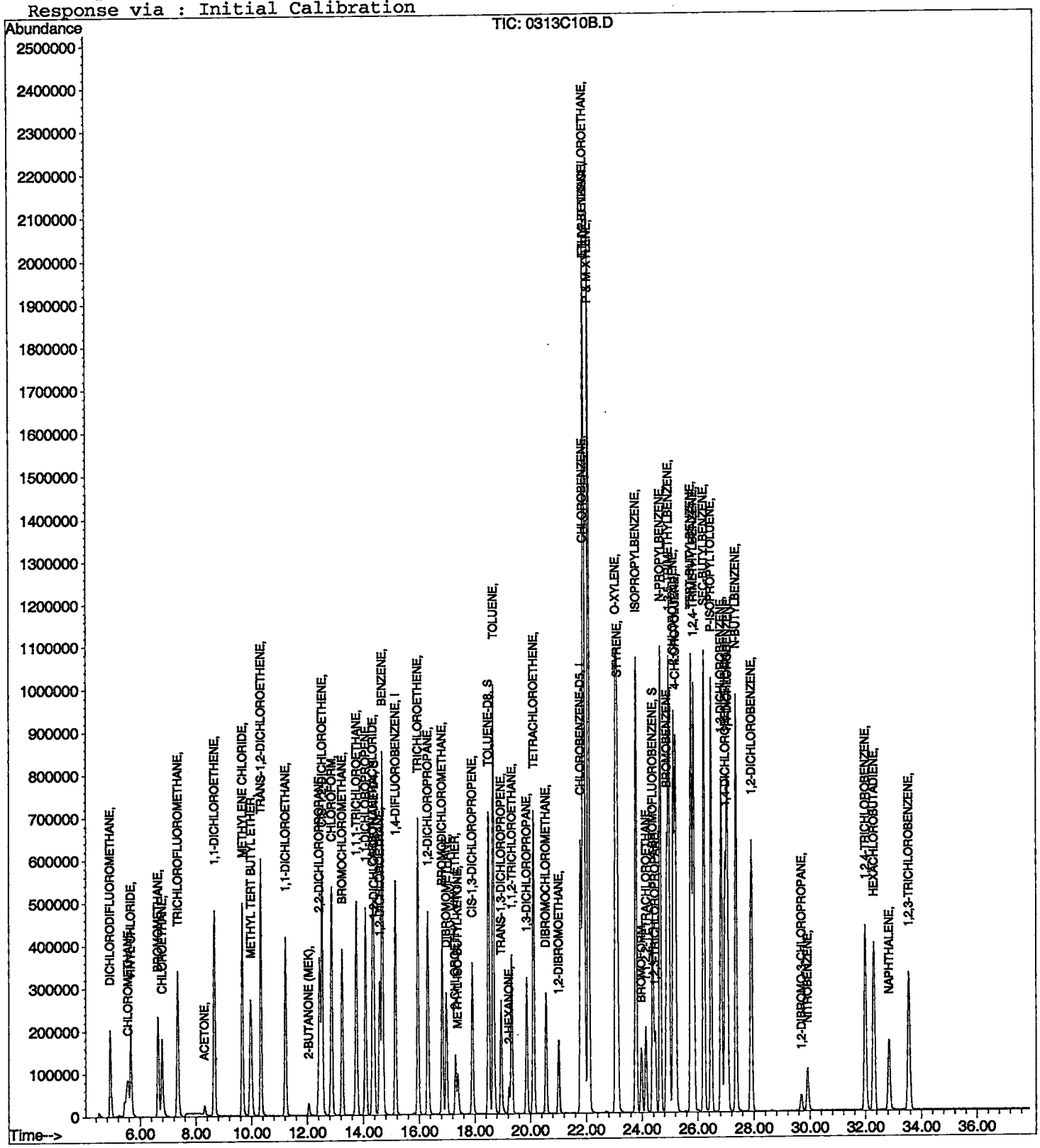
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10B.D
Acq On : 13 Mar 2002 9:16 pm
Sample : cal 10
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:15 2002

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313BL3.D Vial: 4
Acq On : 13 Mar 2002 9:59 pm Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:08 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.17
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.83
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-27.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	0.00	65	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
3) 4-BROMOFLUOROBENZENE	0.00	174	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
25) TOLUENE-D8	0.00	98	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		

Target Compounds Qvalue

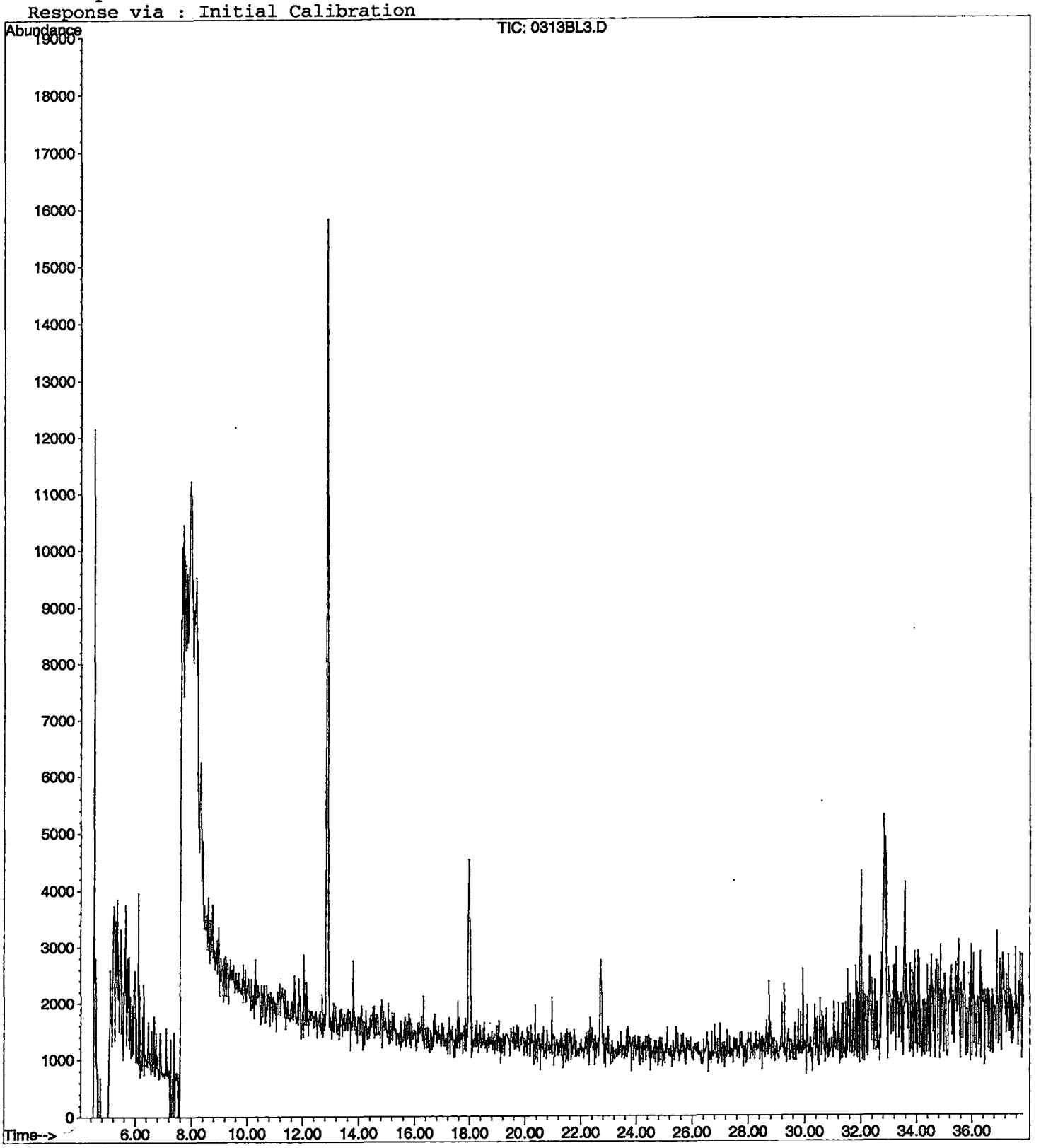
no IS/surr added

(#) = qualifier out of range (m) = manual integration
0313BL3.D HP022702.M Thu Mar 14 12:08:58 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\0313BL3.D Vial: 4
Acq On : 13 Mar 2002 9:59 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:08 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:44:49

Sample: AE05702
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:02 Ended: 3/14/02 00:02 Analyst: BH
Result source: a:\5702f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.2	.5
2	Surr_4-BROMOFLUOROBENZE		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	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.5	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5
48	Bromobenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:44:49

Sample: AE05702
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:02 Ended: 3/14/02 00:02 Analyst: BH
Result source: a:\5702f.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	Hexachlobutadiene		< MDL	.5
62	Naphthalene		< MDL	.5
63	1,2,3-trichlorobenzene		< MDL	.5

Comments for Sample AE05702 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-19-2002 Time: 17:12:09

The CCV associated with this sample was high.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5702F.D Vial: 14
Acq On : 14 Mar 2002 12:09 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:24 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1695869	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	1533687	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.99	152	717700	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	681029	6.21	ug/L	-0.02
Spiked Amount 5.000			Recovery = 124.20%			
3) 4-BROMOFLUOROBENZENE	24.38	174	574542	4.18	ug/L	-0.04
Spiked Amount 5.000			Recovery = 83.60%			
25) TOLUENE-D8	18.51	98	2016033	5.45	ug/L	-0.02
Spiked Amount 5.000			Recovery = 109.00%			
Target Compounds						Qvalue
12) ACETONE	8.31	43	126647	14.60	ug/L	92
18) 2-BUTANONE (MEK)	12.07	43	5558	0.30	ug/L	60

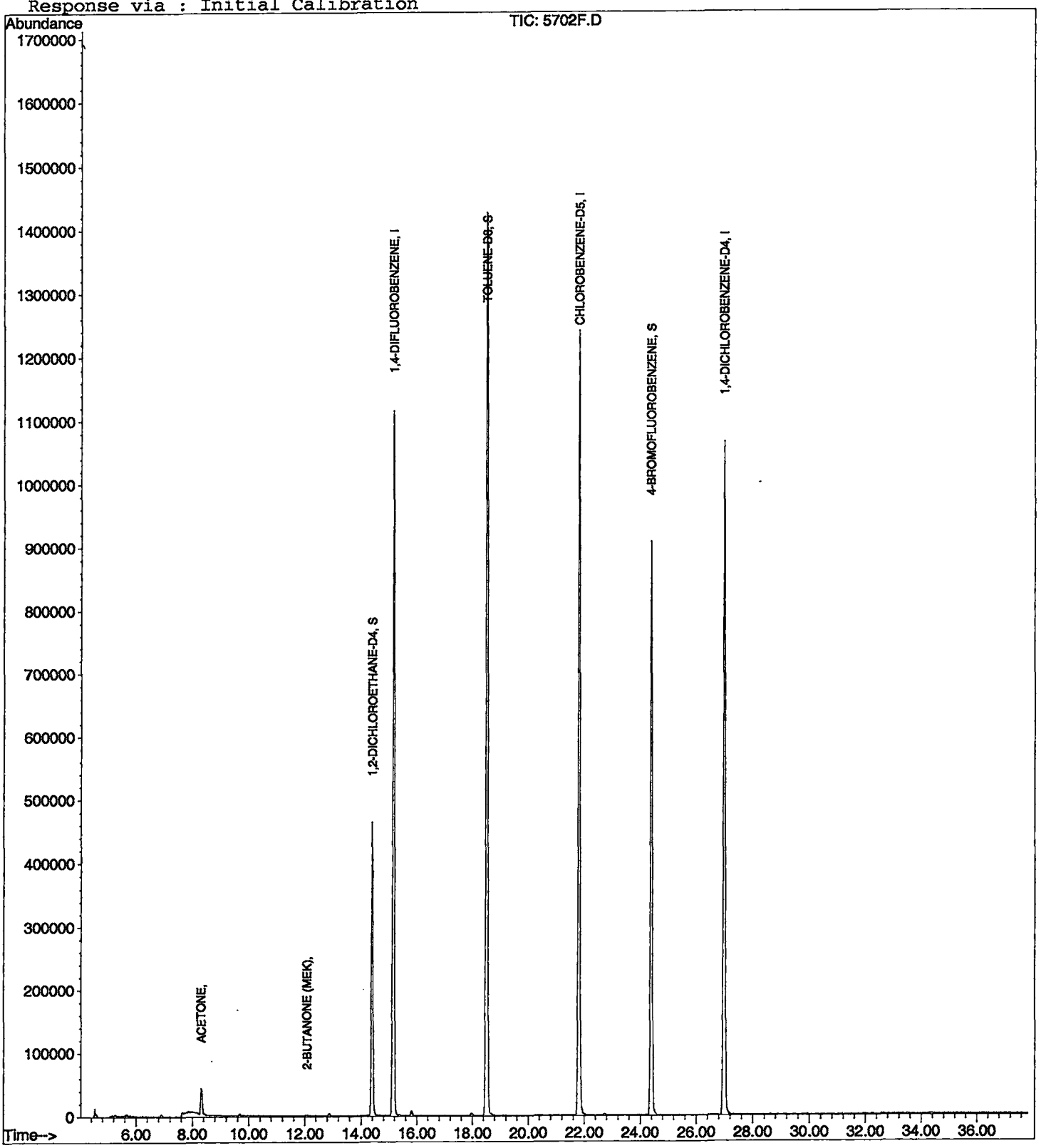
(#) = qualifier out of range (m) = manual integration
5702F.D HP022702.M Thu Mar 14 11:24:38 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5702F.D
Acq On : 14 Mar 2002 12:09 am
Sample : nyc; fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:24 2002

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5702F.D Vial: 14
Acq On : 14 Mar 2002 12:09 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

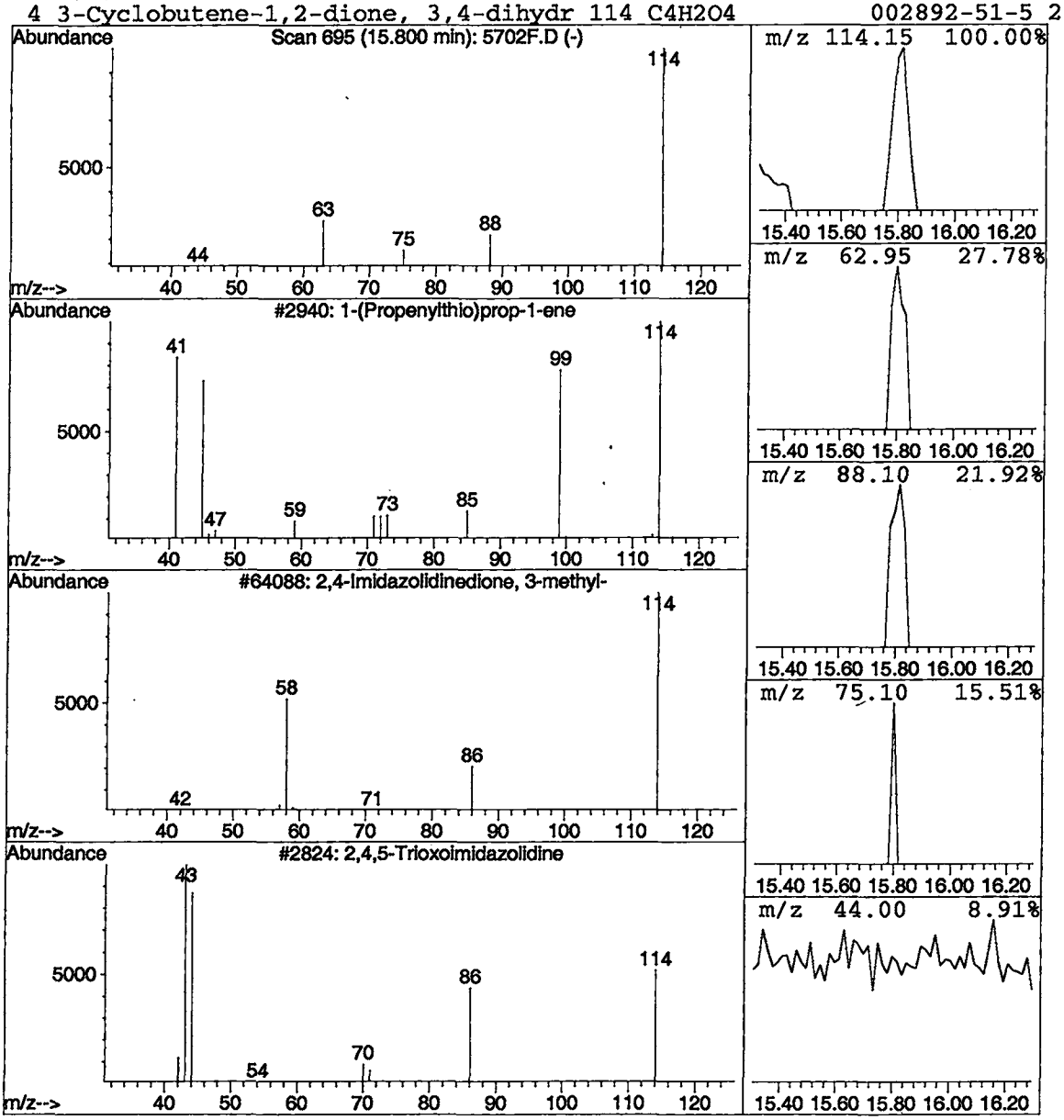
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	28900	1,4-DIFLUOROBENZENE	15.15

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:46:41

Sample: AE05896
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:02 Ended: 3/14/02 00:02 Analyst: BH
Result source: a:\5896f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.2		.5
2	Surr_4-BROMOFLUOROBENZE		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	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	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:46:41

Sample: AE05896
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:02 Ended: 3/14/02 00:02 Analyst: BH
Result source: a:\5896f.rr

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

Comments for Sample AE05896 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-19-2002 Time: 17:12:16

The CCV associated with this sample was high.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5896F.D Vial: 15
Acq On : 14 Mar 2002 12:52 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:27 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1717785	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.79	117	1555655	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.99	152	728676	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	690587	6.22	ug/L	-0.02
Spiked Amount 5.000			Recovery	= 124.40%		
3) 4-BROMOFLUOROBENZENE	24.38	174	581812	4.18	ug/L	-0.03
Spiked Amount 5.000			Recovery	= 83.60%		
25) TOLUENE-D8	18.51	98	2028177	5.41	ug/L	-0.02
Spiked Amount 5.000			Recovery	= 108.20%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	211676	24.08	ug/L	97
18) 2-BUTANONE (MEK)	12.06	43	3743	0.20	ug/L	60

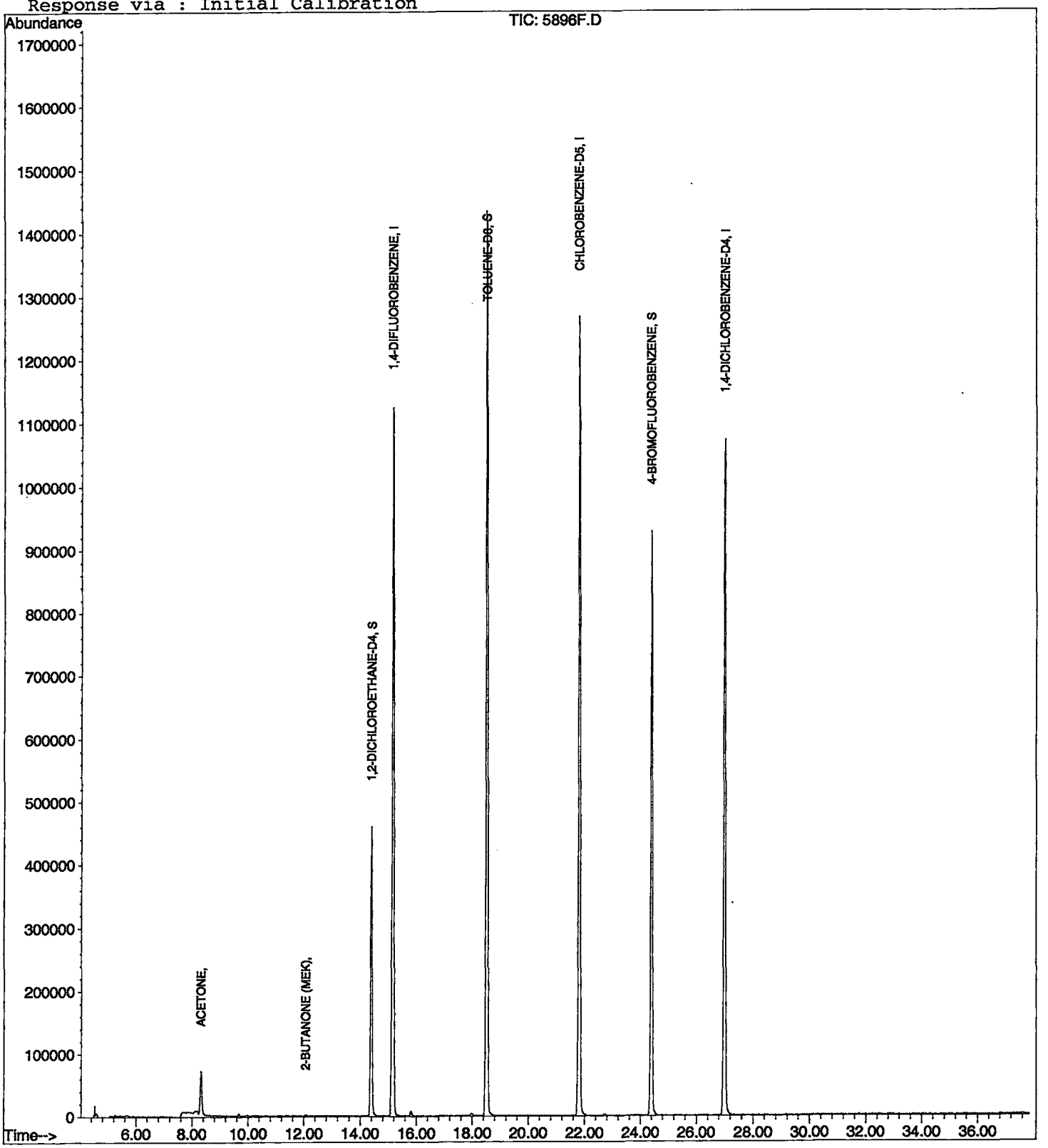
(#) = qualifier out of range (m) = manual integration
5896F.D HP022702.M Thu Mar 14 11:27:46 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5896F.D
Acq On : 14 Mar 2002 12:52 am
Sample : nyc; fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:27 2002

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5896F.D Vial: 15
Acq On : 14 Mar 2002 12:52 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

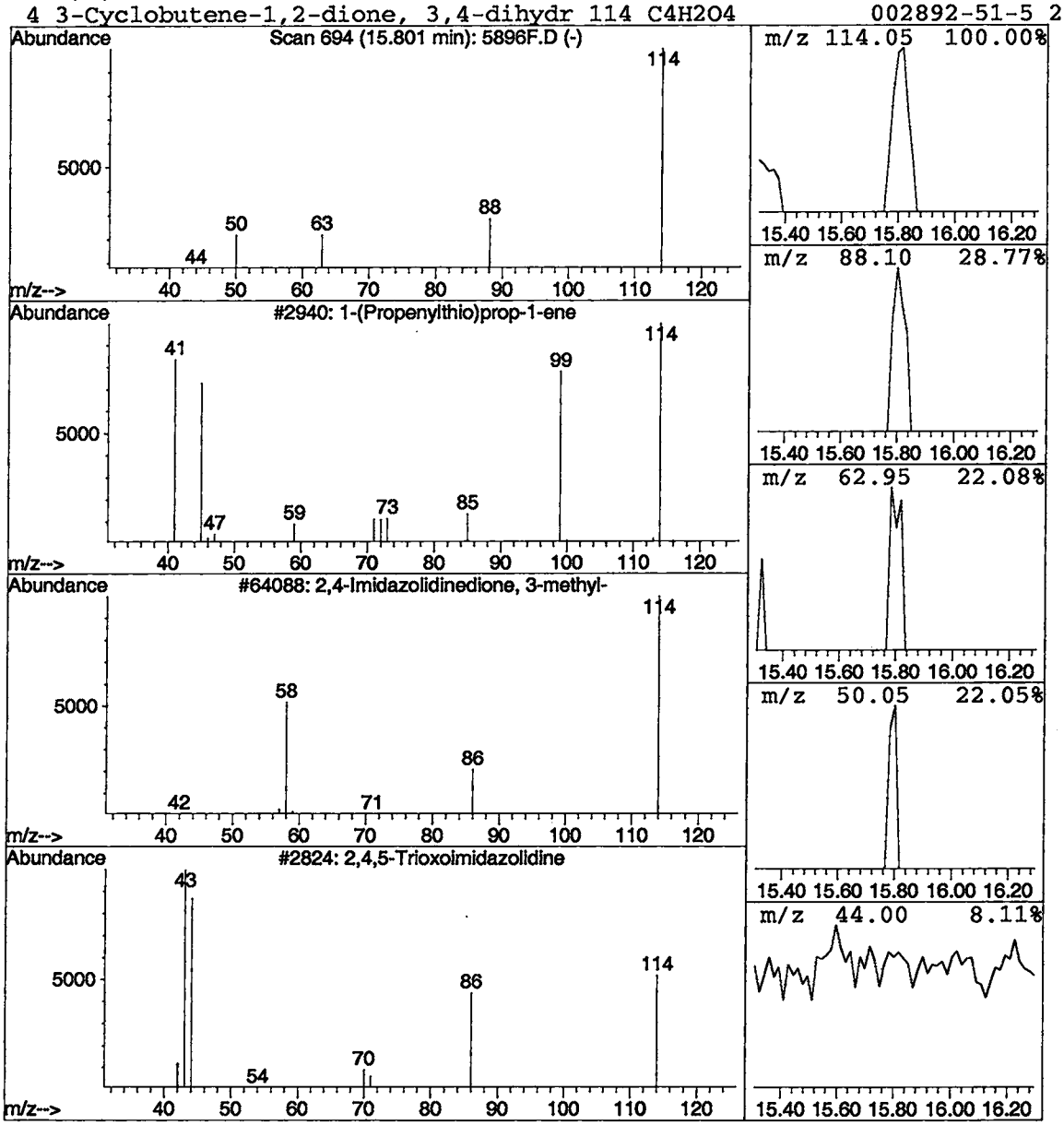
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	27770	1,4-DIFLUOROBENZENE	15.15

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 11:28:07

Sample: AE05900
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:01 Ended: 3/14/02 00:01 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.3		.5
2	Surr_4-BROMOFLUOROBENZE		4.3		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 11:28:07

Sample: AE05900
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:01 Ended: 3/14/02 00:01 Analyst: BH
Result source: manual entry
Page: 2

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

Comments for Sample AE05900 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-19-2002 Time: 17:12:22

The CCV associated with this sample was high.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\5900F.D Vial: 16
Acq On : 14 Mar 2002 1:35 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:32 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1736638	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.79	117	1595941	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.99	152	750412	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	708185	6.30	ug/L	-0.02
Spiked Amount 5.000			Recovery =	126.00%		
3) 4-BROMOFLUOROBENZENE	24.38	174	601692	4.28	ug/L	-0.03
Spiked Amount 5.000			Recovery =	85.60%		
25) TOLUENE-D8	18.51	98	2052315	5.33	ug/L	-0.02
Spiked Amount 5.000			Recovery =	106.60%		
Target Compounds						Qvalue
12) ACETONE	8.33	43	208750	23.49	ug/L	97
18) 2-BUTANONE (MEK)	12.06	43	3956	0.21	ug/L	60

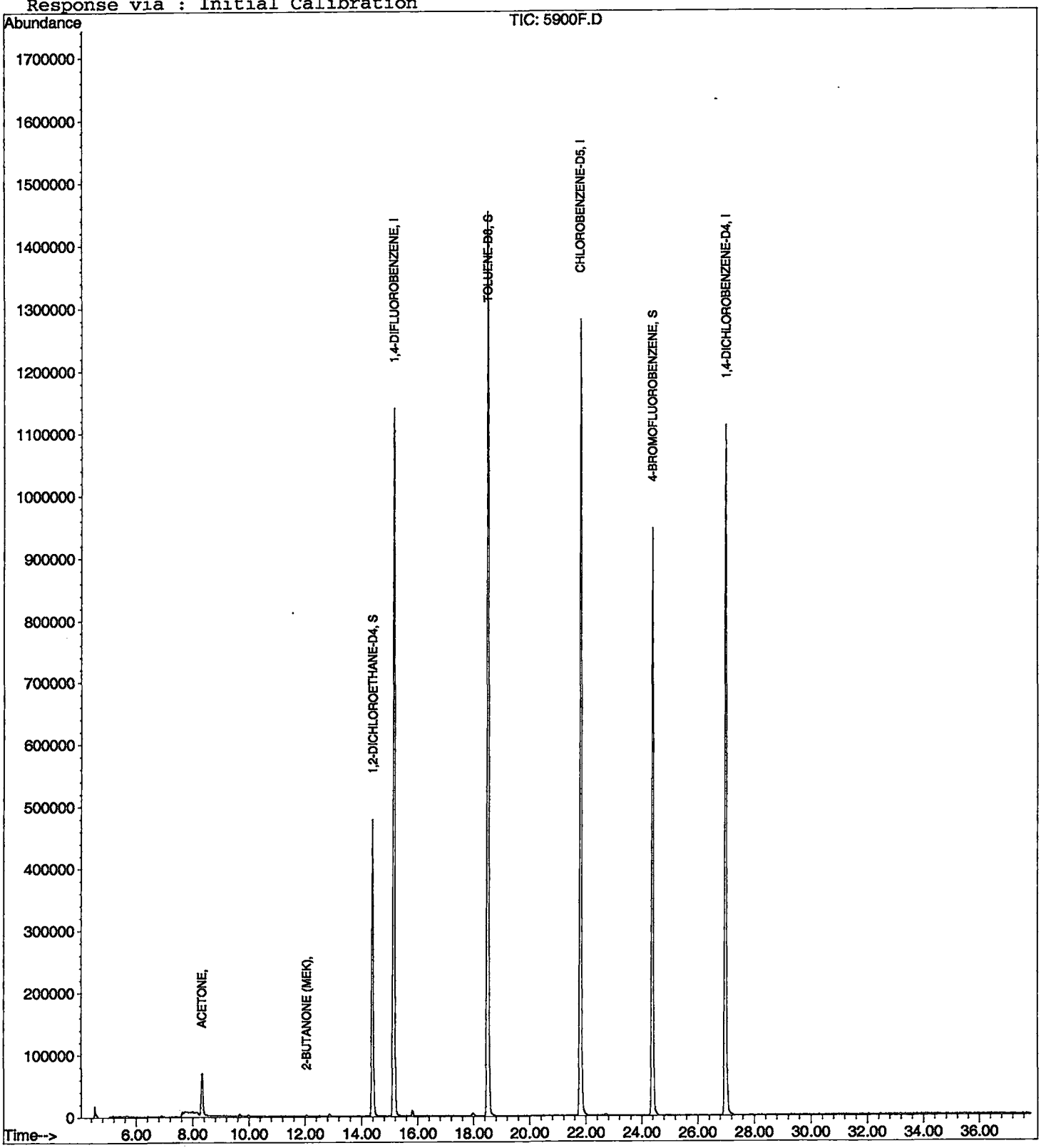
(#) = qualifier out of range (m) = manual integration
5900F.D HP022702.M Thu Mar 14 11:32:10 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5900F.D
Acq On : 14 Mar 2002 1:35 am
Sample : nyc; fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:32 2002

Vial: 16
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\5900F.D Vial: 16
Acq On : 14 Mar 2002 1:35 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

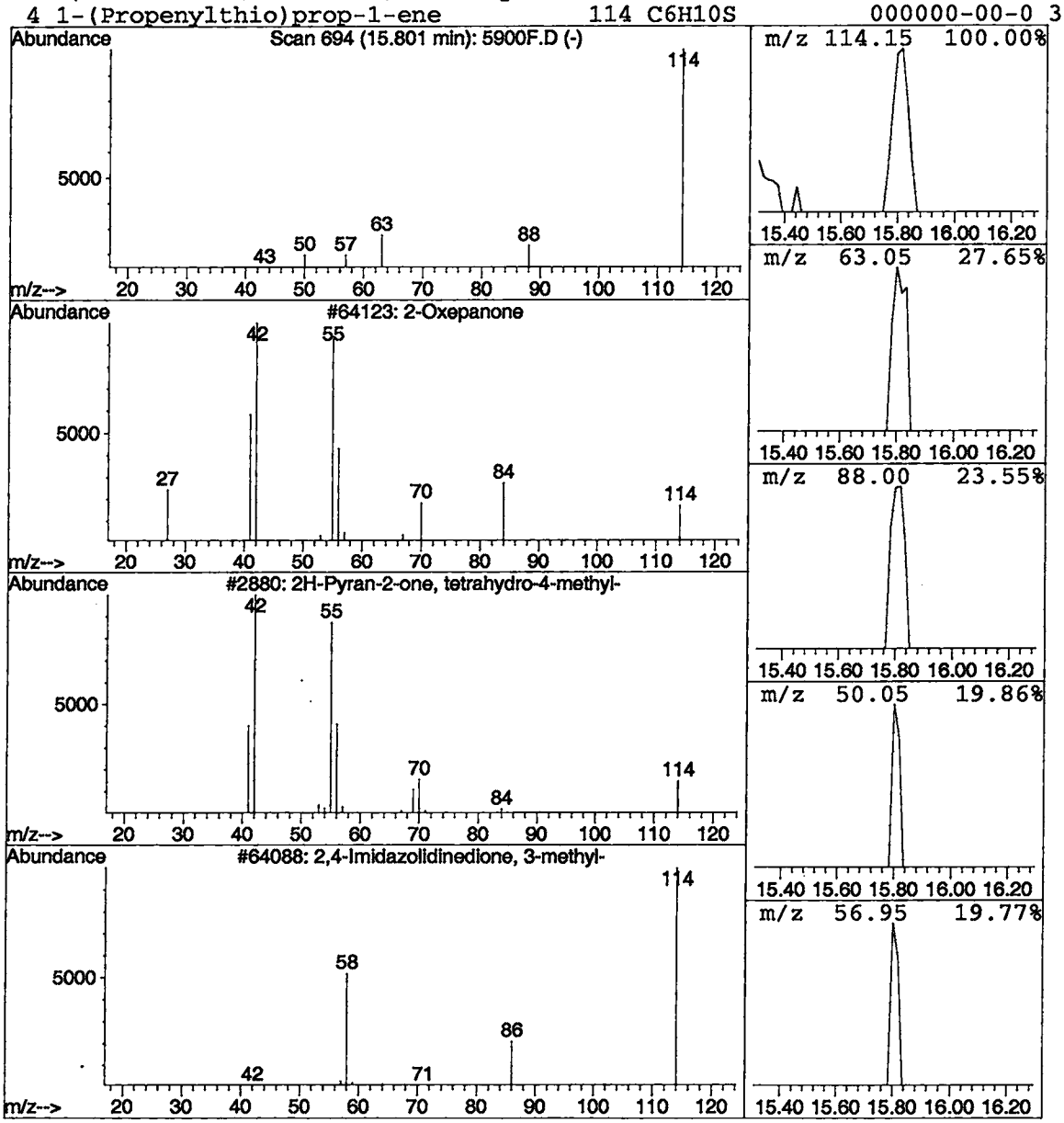
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	31920	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:50:29

Sample: AE06047
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:02 Ended: 3/14/02 00:02 Analyst: BH
Result source: a:\6047f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.3		.5
2	Surr_4-BROMOFLUOROBENZE		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	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	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:50:29

Sample: AE06047
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/14/02 00:02 Ended: 3/14/02 00:02 Analyst: BH
Result source: a:\6047f.rr
Page: 2

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

Comments for Sample AE06047 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-19-2002 Time: 17:12:34

The CCV associated with this sample was high.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\6047F.D Vial: 17
Acq On : 14 Mar 2002 2:18 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:36 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1767440	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.79	117	1591557	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.98	152	743904	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	721387	6.31	ug/L	-0.02
Spiked Amount 5.000			Recovery =	126.20%		
3) 4-BROMOFLUOROBENZENE	24.38	174	599796	4.19	ug/L	-0.04
Spiked Amount 5.000			Recovery =	83.80%		
25) TOLUENE-D8	18.51	98	2073205	5.40	ug/L	-0.02
Spiked Amount 5.000			Recovery =	108.00%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	155724	17.22	ug/L	98
18) 2-BUTANONE (MEK)	12.07	43	4984	0.26	ug/L	60

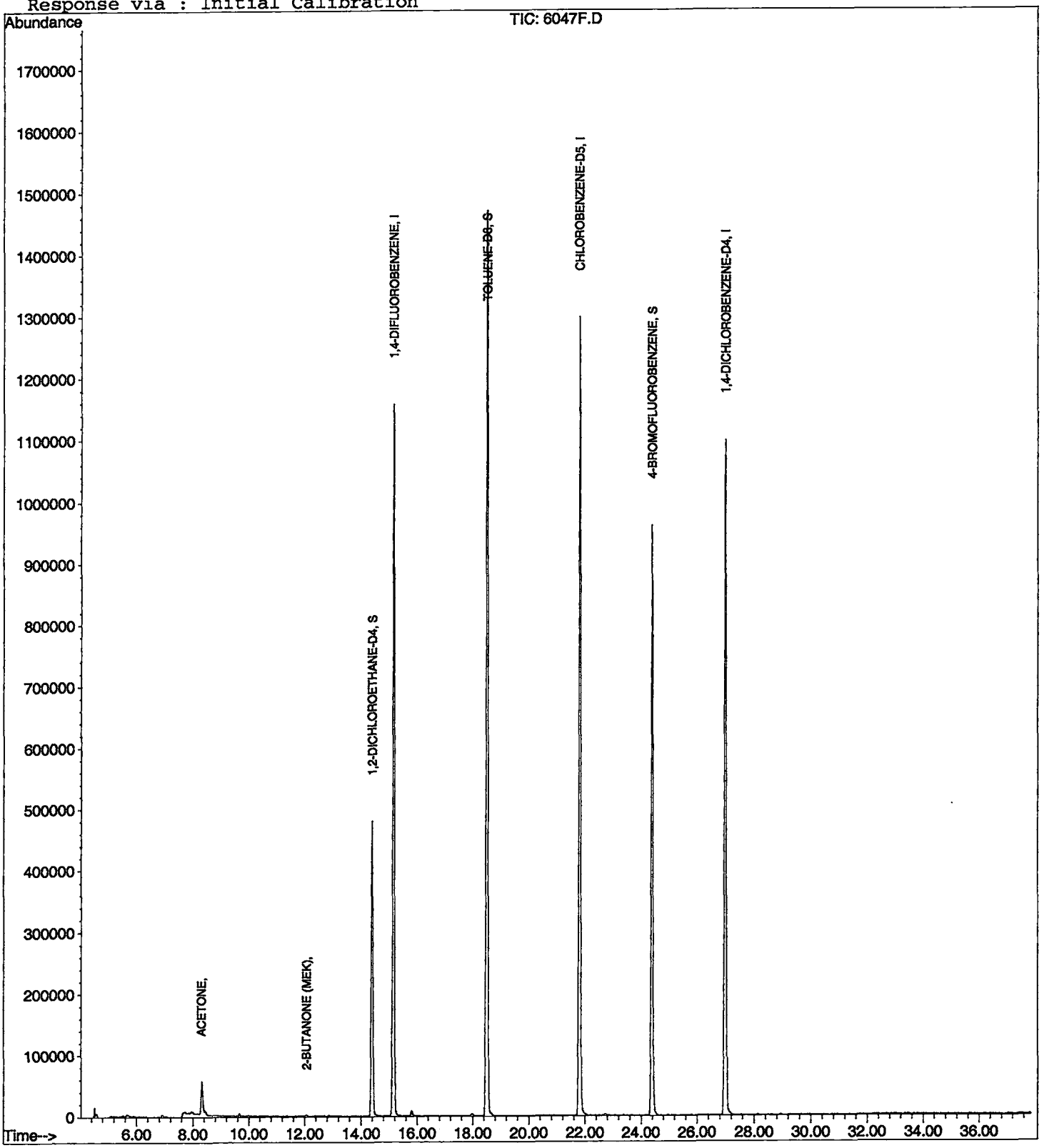
(#) = qualifier out of range (m) = manual integration
6047F.D HP022702.M Thu Mar 14 11:36:34 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\6047F.D
Acq On : 14 Mar 2002 2:18 am
Sample : nyc; fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:36 2002

Vial: 17
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\6047F.D Vial: 17
Acq On : 14 Mar 2002 2:18 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

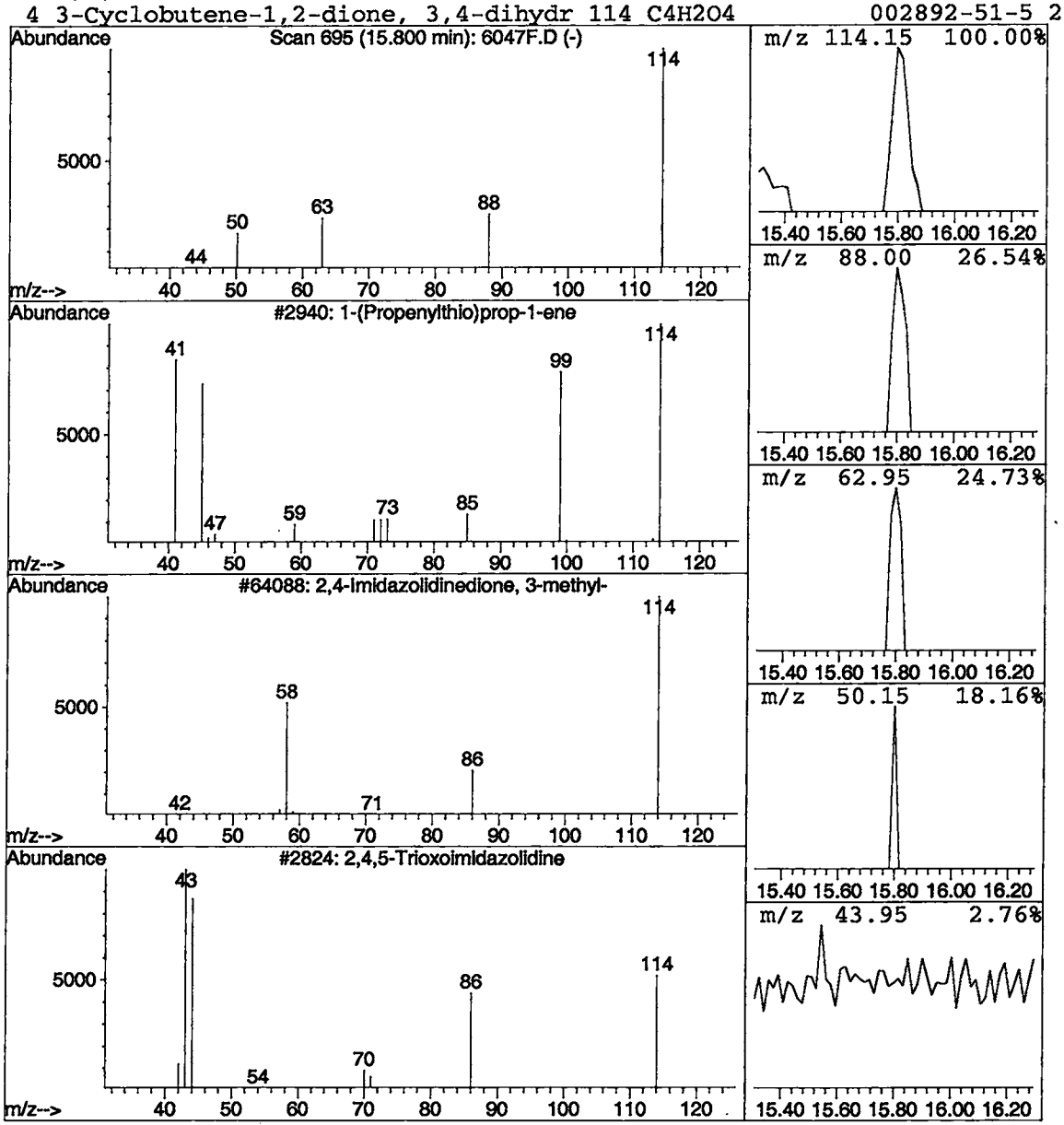
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	30299	1,4-DIFLUOROBENZENE	15.15

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:50:14

Sample: AE06047
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/14/02 00:03 Ended: 3/14/02 00:03 Analyst: BH
Result source: a:\6047.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.5		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 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:50:14

Sample: AE06047
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/14/02 00:03 Ended: 3/14/02 00:03 Analyst: BH
Result source: a:\6047.rr
Page: 2

	Component Name	Vial	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 AE06047 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:42:39

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\6047.D Vial: 18
Acq On : 14 Mar 2002 3:44 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:35 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1736476	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	1600188	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	753361	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	729879	6.50	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	130.00%	
3) 4-BROMOFLUOROBENZENE	24.38	174	605383	4.31	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	86.20%	
25) TOLUENE-D8	18.49	98	2090679	5.42	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	108.40%	
Target Compounds						Qvalue
12) ACETONE	8.31	43	66958	7.54	ug/L	94
18) 2-BUTANONE (MEK)	12.05	43	2678	0.14	ug/L	60

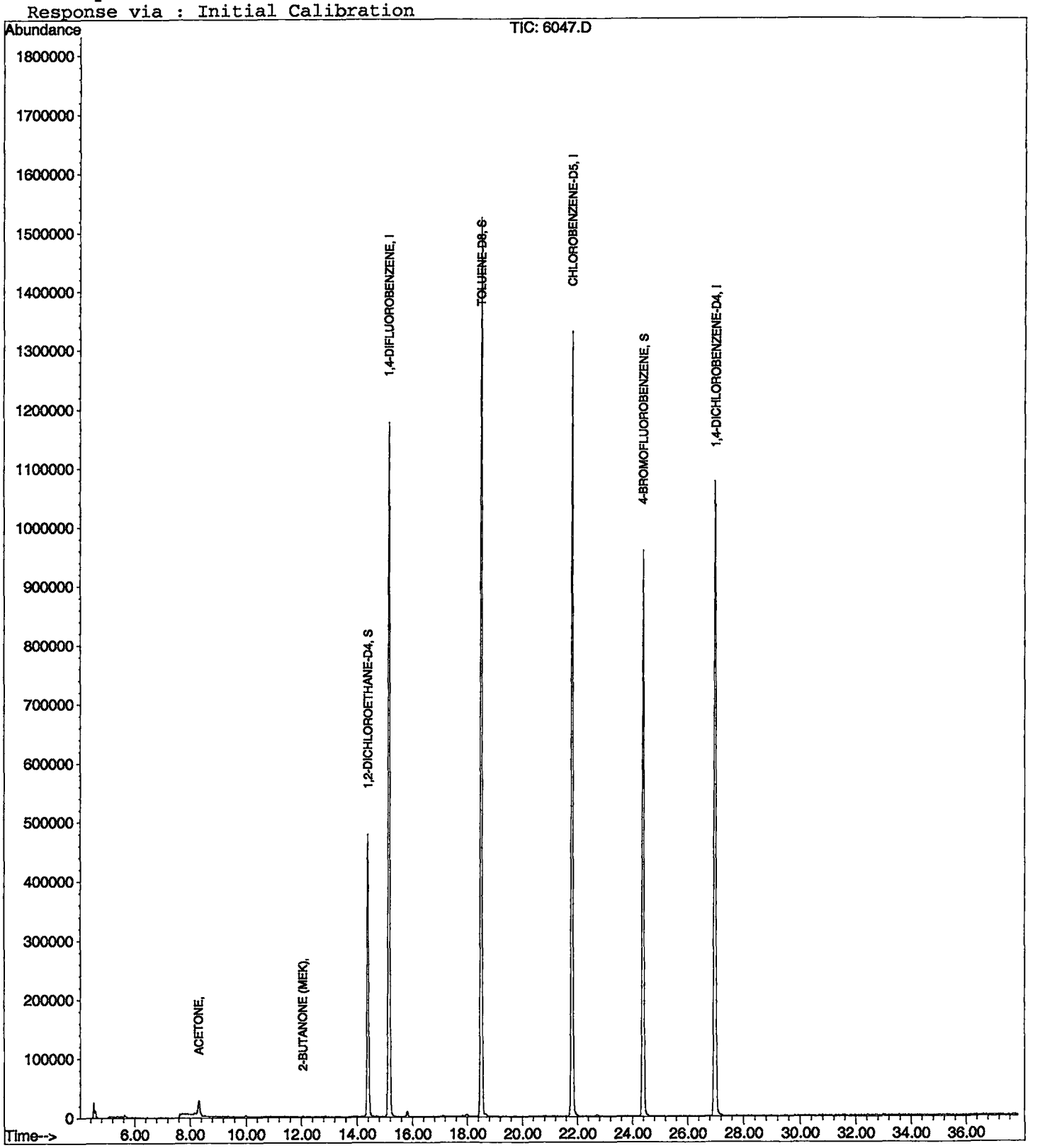
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\6047.D
Acq On : 14 Mar 2002 3:44 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:35 2002

Vial: 18
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\6047.D Vial: 18
Acq On : 14 Mar 2002 3:44 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

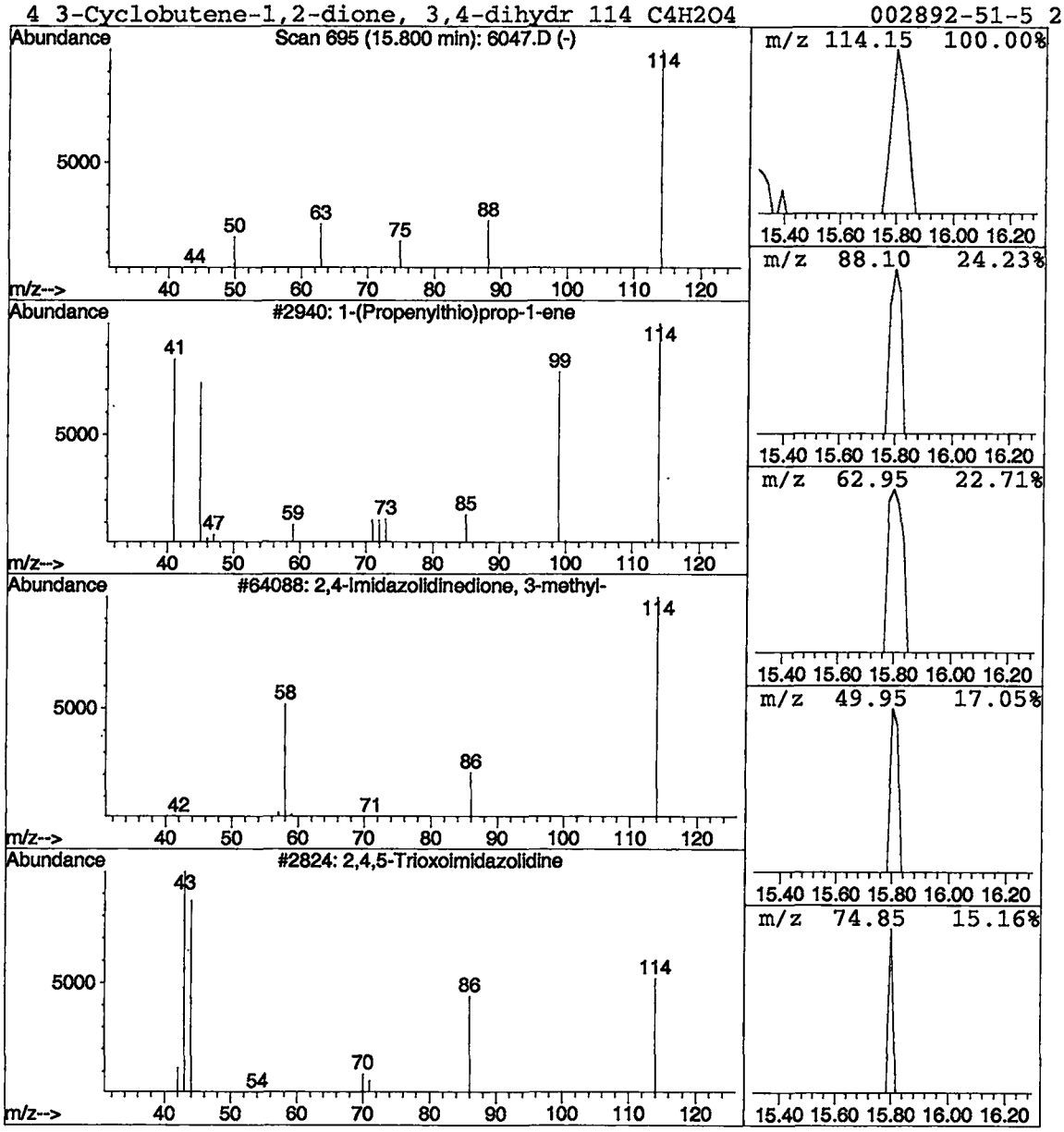
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	29945	1,4-DIFLUOROBENZENE	15.14

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



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR20\6047A.D Vial: 13
Acq On : 20 Mar 2002 10:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : March 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 20 23:10 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 20 10:26:47 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

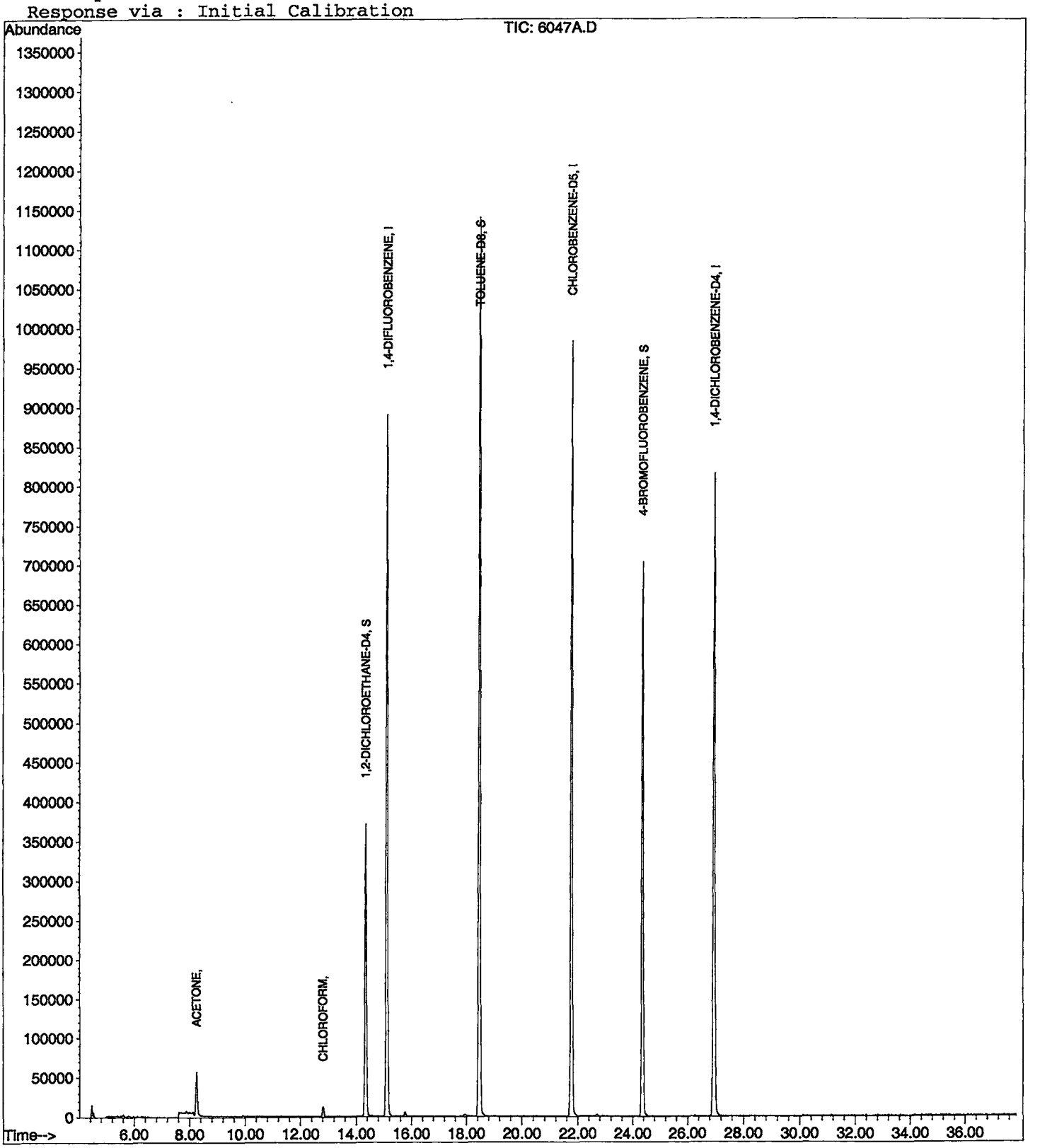
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1289046	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	1121576	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	535836	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	565990	5.33	ug/L	0.07
Spiked Amount 5.000			Recovery =	106.60%		
3) 4-BROMOFLUOROBENZENE	24.36	174	441978	4.24	ug/L	0.07
Spiked Amount 5.000			Recovery =	84.80%		
25) TOLUENE-D8	18.47	98	1500982	5.53	ug/L	0.07
Spiked Amount 5.000			Recovery =	110.60%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	156853	18.75	ug/L	98
21) CHLOROFORM	12.82	83	20587	0.21	ug/L	100

(#) = qualifier out of range (m) = manual integration
6047A.D HP031802.M Fri Mar 22 09:50:31 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR20\6047A.D Vial: 13
Acq On : 20 Mar 2002 10:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : March 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 20 23:10 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR20\6047A.D Vial: 13
Acq On : 20 Mar 2002 10:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : March 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

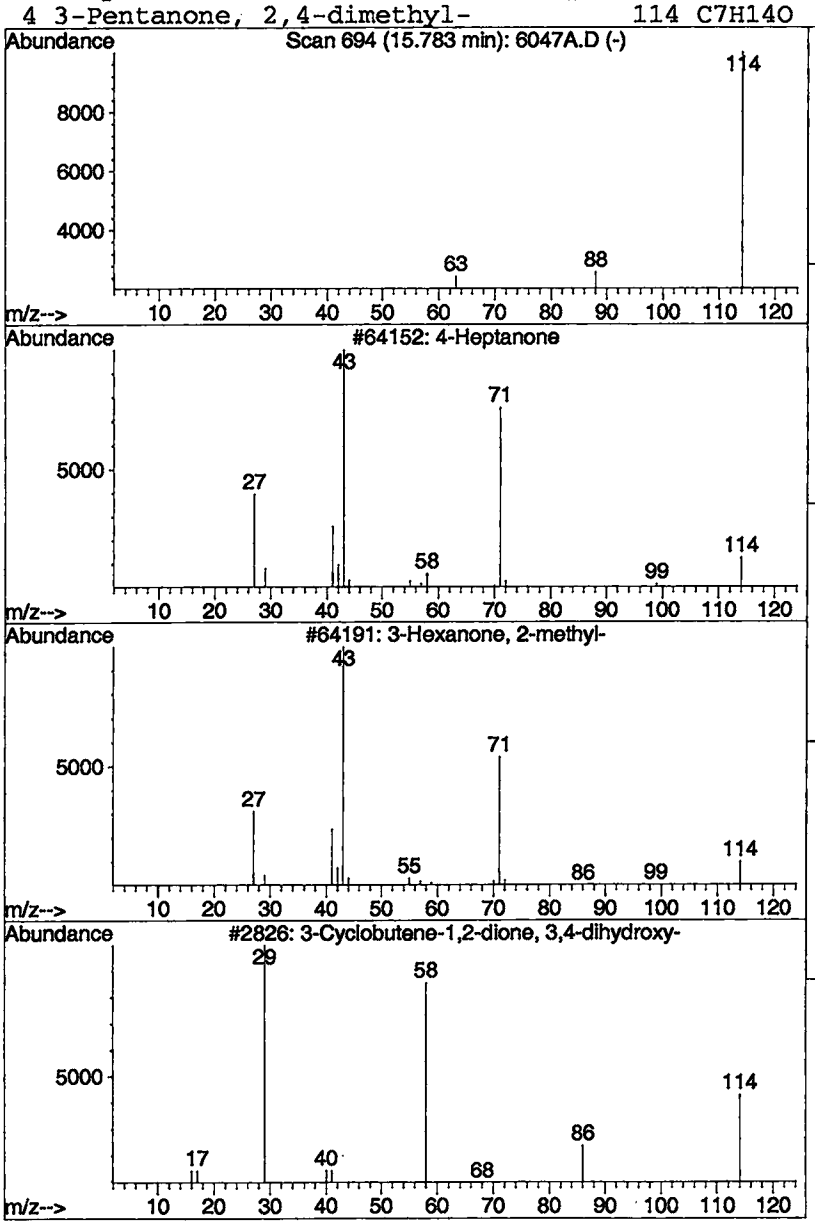
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

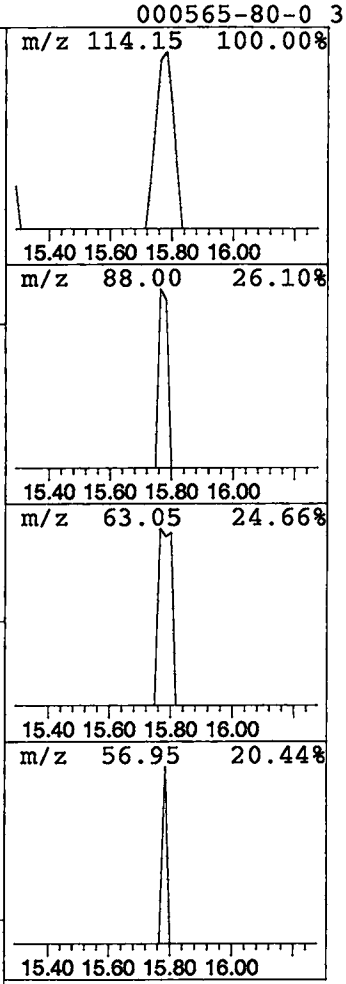
****

Peak Number 1 4-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	19204	1,4-DIFLUOROBENZENE	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:50:56

Sample: AE06048
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/14/02 00:04 Ended: 3/14/02 00:04 Analyst: BH
Result source: a:\6048.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.5		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 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:50:56

Sample: AE06048
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/14/02 00:04 Ended: 3/14/02 00:04 Analyst: BH
Result source: a:\6048.rr

	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 AE06048 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 15:42:48

The recovery of 2-butanone and methylisobutyl ketone in the QC sample was 60%.
The recovery of 1,1,2,2-tetrachloroethane in the QC sample was 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\6048.D Vial: 19
Acq On : 14 Mar 2002 4:27 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:37 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

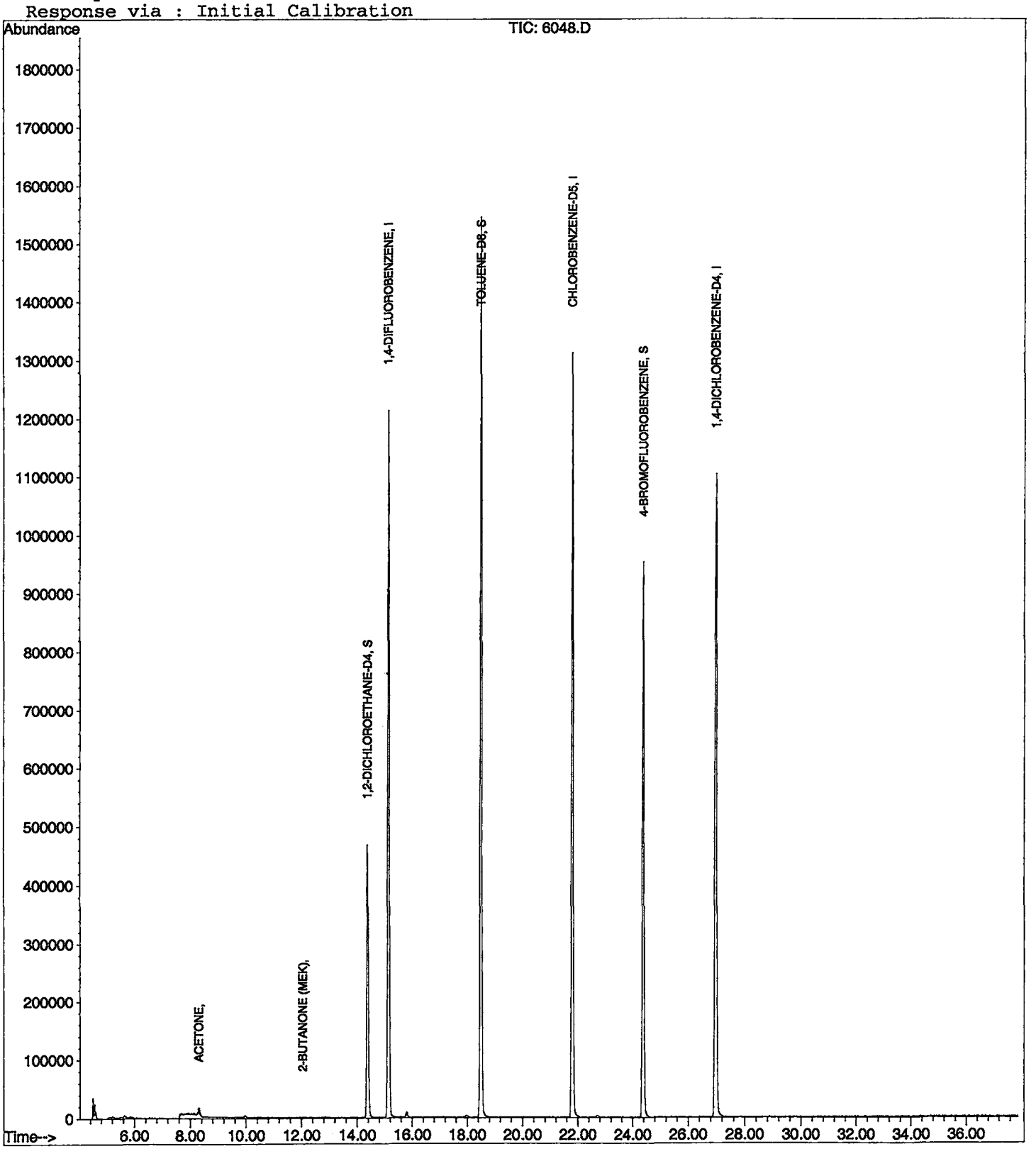
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1753220	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	1589019	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	740103	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	732933	6.46	ug/L	-0.04
Spiked Amount 5.000			Recovery =	129.20%		
3) 4-BROMOFLUOROBENZENE	24.38	174	597180	4.21	ug/L	-0.04
Spiked Amount 5.000			Recovery =	84.20%		
25) TOLUENE-D8	18.49	98	2075382	5.42	ug/L	-0.04
Spiked Amount 5.000			Recovery =	108.40%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	45891	5.12	ug/L	90
18) 2-BUTANONE (MEK)	12.05	43	1454	0.08	ug/L	60

(#) = qualifier out of range (m) = manual integration
6048.D HP022702.M Thu Mar 14 11:37:36 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\6048.D Vial: 19
Acq On : 14 Mar 2002 4:27 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:37 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR13\6048.D Vial: 19
Acq On : 14 Mar 2002 4:27 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

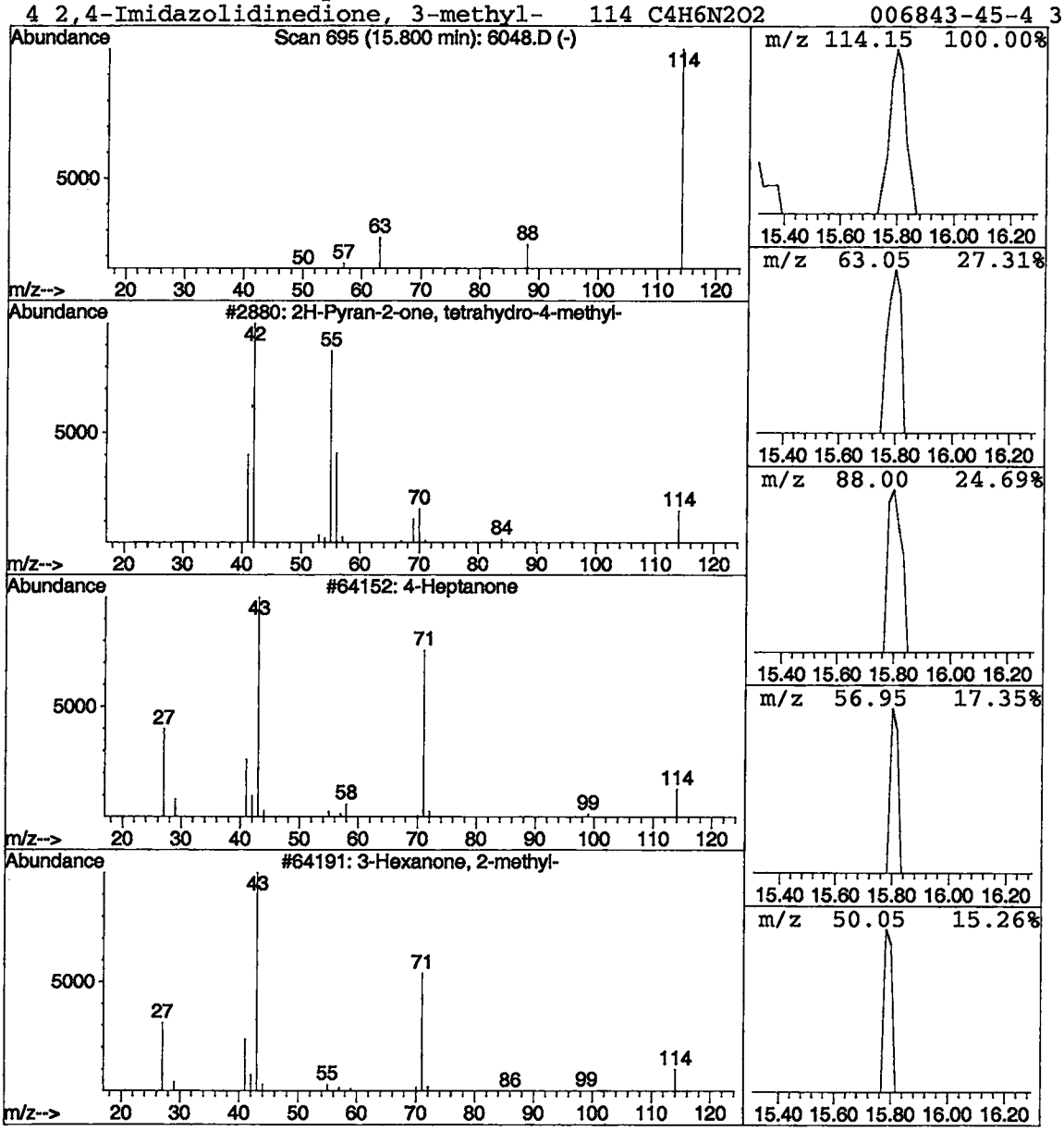
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	32574	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR20\6048A.D Vial: 14
Acq On : 20 Mar 2002 11:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : March 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 20 23:53 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 20 10:26:47 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

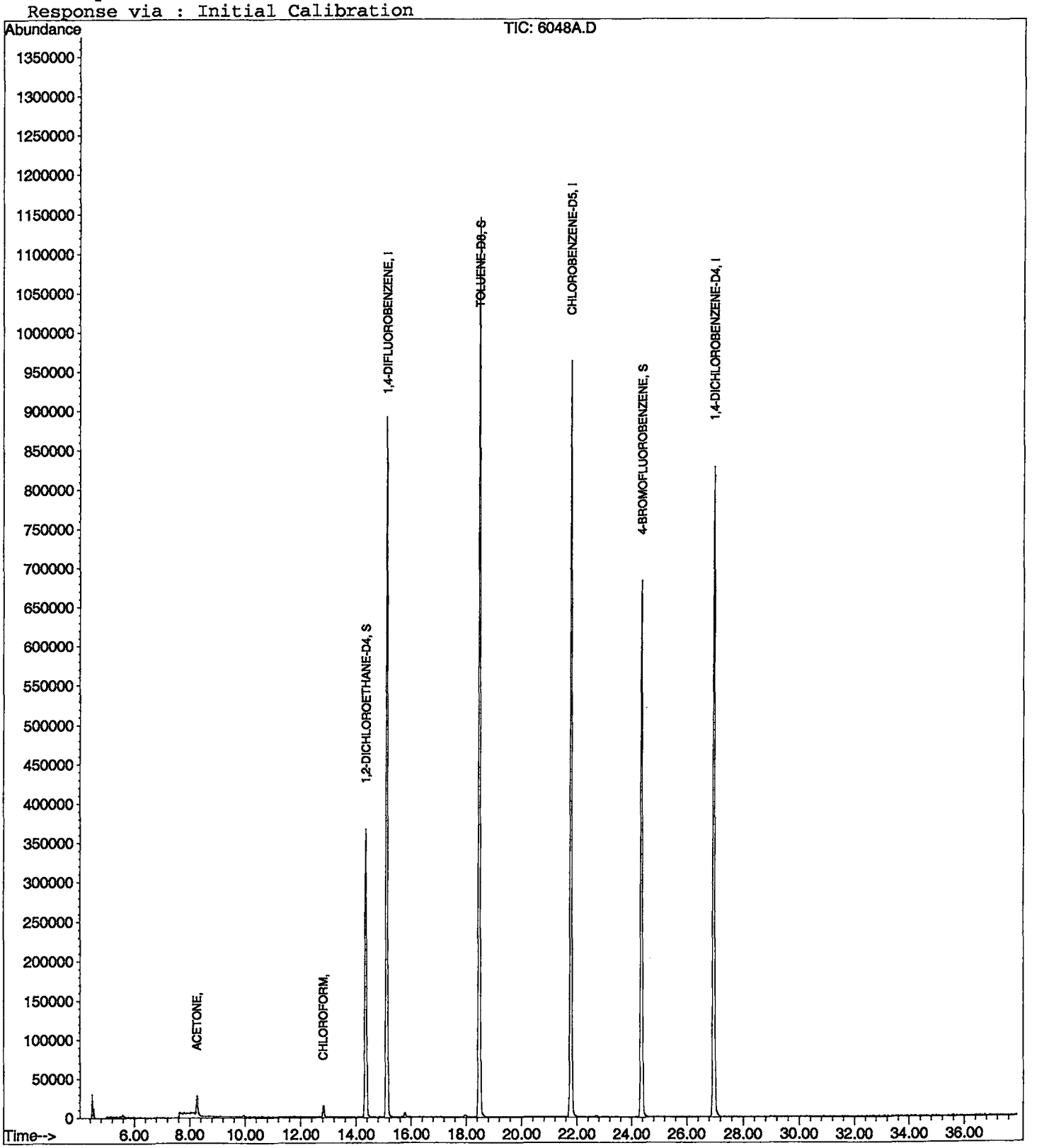
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1304696	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	1142729	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	541652	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	580584	5.40	ug/L	0.07
Spiked Amount 5.000			Recovery	= 108.00%		
3) 4-BROMOFLUOROBENZENE	24.36	174	442428	4.20	ug/L	0.07
Spiked Amount 5.000			Recovery	= 84.00%		
25) TOLUENE-D8	18.47	98	1518321	5.49	ug/L	0.07
Spiked Amount 5.000			Recovery	= 109.80%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	76726	6.66	ug/L	94
21) CHLOROFORM	12.82	83	25418	0.26	ug/L	87

(#) = qualifier out of range (m) = manual integration
6048A.D HP031802.M Fri Mar 22 09:51:55 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR20\6048A.D Vial: 14
Acq On : 20 Mar 2002 11:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : March 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 20 23:53 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR20\6048A.D Vial: 14
Acq On : 20 Mar 2002 11:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : March 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

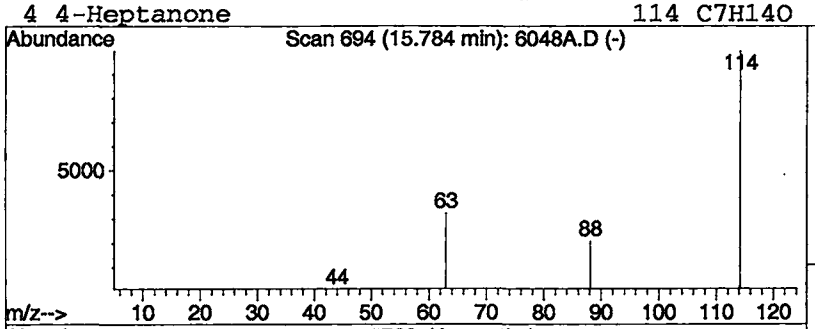
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

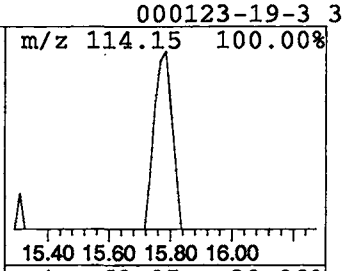
****

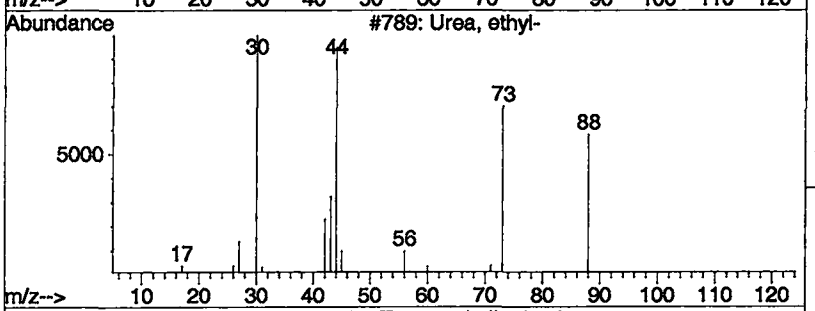
Peak Number 1 Urea, ethyl- Concentration Rank 1

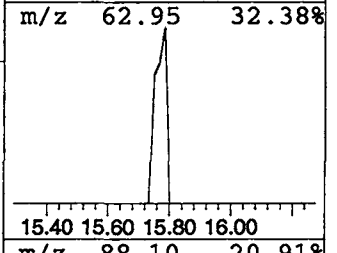
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	19681	1,4-DIFLUOROBENZENE	15.12

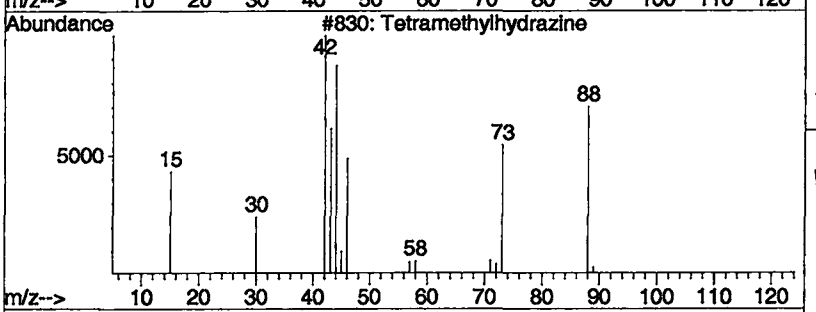
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	4-Heptanone	114	C7H14O	000123-19-3	3

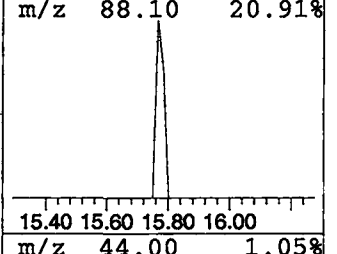


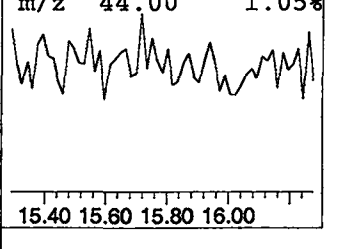


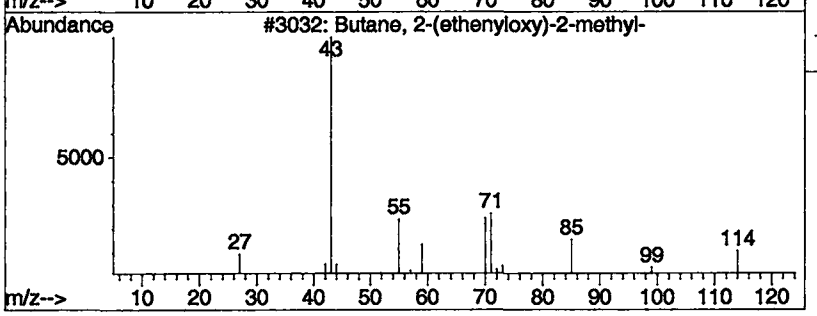












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:43:43

Sample: AE05701
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/14/02 00:05 Ended: 3/14/02 00:05 Analyst: BH
Result source: a:\0313c10c.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.3	.5
2	Surr_4-BROMOFLUOROBENZE		4.7	.5
3	Dichlorodifluoromethane		9.0	.5
4	Chloromethane		10	.5
5	Vinyl chloride		11	.5
6	Bromomethane		12	.5
7	Chloroethane		13	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene	USPEC	14	.5
10	Methylene Chloride		10	.5
11	Methyl tert-butyl ether		9.9	1.0
12	trans-1,2-dichloroethene		11	.5
13	1,1-dichloroethane		10	.5
14	2-butanone (MEK)		6.8	2.0
15	2,2-dichloropropane		8.2	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		10	.5
18	Bromochloromethane		8.2	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		13	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride	USPEC	13	.5
24	Benzene		10	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		8.9	.5
27	Dibromomethane		10	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		8.2	1.0
30	cis-1,3-dichloropropene		9.3	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		9.5	.5
33	1,1,2-trichloroethane		9.2	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		9.3	.5
36	Dibromochloromethane		10	2.0
37	Chlorobenzene		9.8	.5
38	1,1,1,2-tetrachloroethane		10	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		20	.5
41	O-xylene		10	.5
42	Styrene		9.6	.5
43	1,1,2,2-tetrachloroethane		8.1	.5
44	Bromoform		11	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		10	.5
48	Bromobenzene		10	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 10:43:43

Sample: AE05701
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/14/02 00:05 Ended: 3/14/02 00:05 Analyst: BH
Result source: a:\0313c10c.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		11	.5
51	4-chlorotoluene		9.7	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		10	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		9.6	.5
57	1,4-dichlorobenzene		9.4	.5
58	N-butylbenzene		9.6	.5
59	1,2-dichlorobenzene		9.7	.5
60	1,2,4-trichlorobenzene		9.5	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		7.9	.5
63	1,2,3-trichlorobenzene		9.5	.5
64	Nitrobenzene		180	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10C.D Vial: 3
Acq On : 14 Mar 2002 5:10 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:17 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1763374	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	1631640	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	825704	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	722184	6.33	ug/L	-0.04
Spiked Amount 5.000			Recovery =	126.60%		
3) 4-BROMOFLUOROBENZENE	24.38	174	676424	4.74	ug/L	-0.04
Spiked Amount 5.000			Recovery =	94.80%		
25) TOLUENE-D8	18.49	98	2084458	5.30	ug/L	-0.04
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.90	85	436562	9.00	ug/L	99
5) CHLOROMETHANE	5.54	50	549057	10.40	ug/L	97
6) VINYL CHLORIDE	5.64	62	373945	11.08	ug/L	95
7) BROMOMETHANE	6.63	94	396901	11.83	ug/L	94
8) CHLOROETHANE	6.76	64	375142	12.76	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.32	101	776126	12.00	ug/L	98
12) ACETONE	8.31	43	107033	11.86	ug/L	96
13) 1,1-DICHLOROETHENE	8.65	61	1091347	14.21	ug/L	97
14) METHYLENE CHLORIDE	9.65	49	949239	10.49	ug/L	96
15) METHYL TERT BUTYL ETHER	9.96	73	1030407	9.93	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.32	61	1109361	10.66	ug/L	100
17) 1,1-DICHLOROETHANE	11.20	63	1291538	10.04	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	131166	6.79	ug/L	91
19) 2,2-DICHLOROPROPANE	12.43	77	778554	8.21	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.51	96	787656	9.95	ug/L	98
21) CHLOROFORM	12.85	83	1408160	10.43	ug/L	99
22) BROMOCHLOROMETHANE	13.23	49	548443	8.24	ug/L	95
23) 1,2-DICHLOROETHANE	14.57	62	947060	11.10	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.74	97	1109332	12.71	ug/L	99
27) 1,1-DICHLOROPROPENE	14.06	75	993017	11.61	ug/L	98
28) CARBON TETRACHLORIDE	14.34	117	961970	13.14	ug/L	99
29) BENZENE	14.68	78	2499704	10.33	ug/L	99
30) TRICHLOROETHENE	15.94	95	783546	11.01	ug/L	98
31) 1,2-DICHLOROPROPANE	16.29	63	627241	8.93	ug/L	100
32) DIBROMOMETHANE	16.97	174	367250	9.97	ug/L	97
33) BROMODICHLOROMETHANE	16.82	83	965821	10.96	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.30	63	206493	9.27	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.38	58	102844	8.22	ug/L	88
36) CIS-1,3-DICHLOROPROPENE	17.91	75	889859	9.29	ug/L	98
37) TOLUENE	18.66	91	2694008	10.13	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.93	75	651130	9.50	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.32	97	420466	9.20	ug/L	98
40) TETRACHLOROETHENE	20.11	166	789529	10.34	ug/L	99
41) 1,3-DICHLOROPROPANE	19.85	76	778866	9.30	ug/L	100
42) DIBROMOCHLOROMETHANE	20.55	129	562484	10.26	ug/L	99
43) 1,2-DIBROMOETHANE	20.99	107	436303	9.38	ug/L	99
44) CHLOROBENZENE	21.88	112	1784604	9.79	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.93	131	634138	10.49	ug/L	98
46) 2-HEXANONE	19.22	43	172241	5.41	ug/L	93
47) ETHYLBENZENE	21.91	91	3187775	10.56	ug/L	98
48) P & M-XYLENE	22.07	106	2141844	19.69	ug/L	91

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10C.D Vial: 3
Acq On : 14 Mar 2002 5:10 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:17 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.05	91	2504390	10.47	ug/L	96
50)	STYRENE	23.10	104	1750446	9.65	ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	424506	8.06	ug/L	99
53)	BROMOFORM	23.97	173	281704	10.92	ug/L	97
54)	ISOPROPYLBENZENE	23.77	105	2827457	10.84	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.47	110	138342	9.98	ug/L	93
56)	N-PROPYLBENZENE	24.64	91	3432988	10.19	ug/L	98
57)	BROMOBENZENE	24.89	156	743198	10.16	ug/L	93
58)	1,3,5-TRIMETHYLBENZENE	24.96	105	2416909	10.79	ug/L	97
59)	2-CHLOROTOLUENE	25.13	91	2429064	10.68	ug/L	100
60)	4-CHLOROTOLUENE	25.20	91	1947774	9.66	ug/L	99
61)	TERT-BUTYLBENZENE	25.74	119	2239582	10.54	ug/L	92
62)	1,2,4-TRIMETHYLBENZENE	25.84	105	2503949	10.63	ug/L	94
63)	SEC-BUTYLBENZENE	26.20	105	2973004	10.41	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.47	119	2323777	10.34	ug/L	97
65)	1,3-DICHLOROBENZENE	26.83	146	1331209	9.58	ug/L	99
66)	1,4-DICHLOROBENZENE	27.04	146	1338632	9.42	ug/L	98
67)	N-BUTYLBENZENE	27.36	91	2241139	9.65	ug/L	99
68)	1,2-DICHLOROBENZENE	27.89	146	1146064	9.65	ug/L	96
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	63294	9.66	ug/L	91
70)	1,2,4-TRICHLOROBENZENE	31.99	180	714654	9.51	ug/L	99
71)	HEXACHLOROBUTADIENE	32.30	225	383607	11.34	ug/L	97
72)	NAPHTHALENE	32.82	128	747280	7.91	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.54	180	584940	9.54	ug/L	97
74)	NITROBENZENE	29.90	77	297949	180.18	ug/L	95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR13\0313C10C.D Vial: 3
Acq On : 14 Mar 2002 5:10 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 14 11:17 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Mar 13 14:51:22 2002
Response via : Initial Calibration