User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:56:14

Sample: AE05153
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 3/6/02 00:08 Ended: 3/6/02 00:08 Analyst: BH
Result source: a:\0306b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.6
2	Surr - 4-BROMOFLUOROBENZ		4.3
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.86
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.80
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		0.16
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

lab contamination

Reviewed by,
CB 5/10/02

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306B1.D Vial: 1
Acq On : 6 Mar 2002 8:35 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 9:13 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

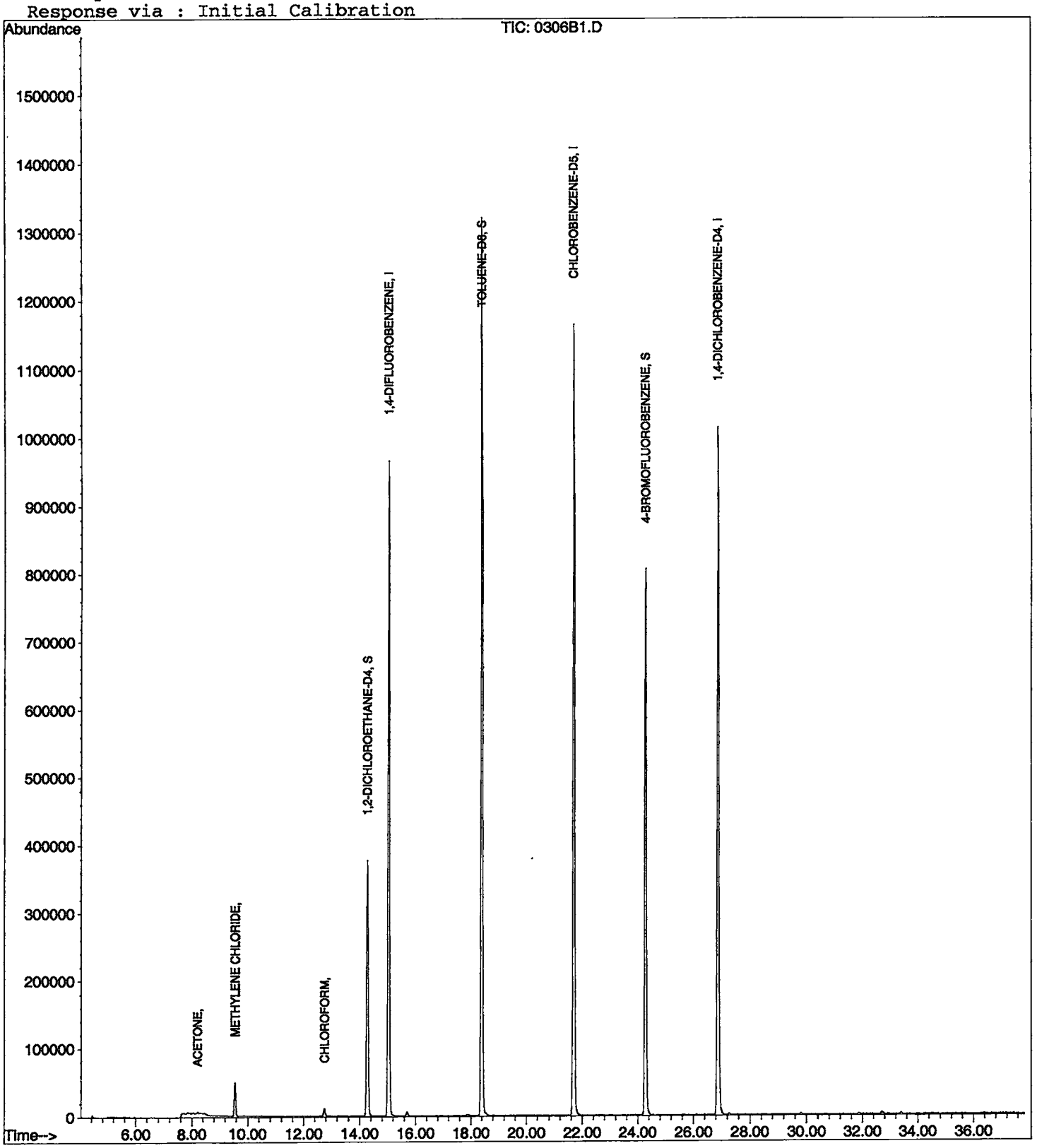
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	1442810	5.00	ug/L	-0.14
24) CHLOROBENZENE-D5	21.69	117	1394700	5.00	ug/L	-0.14
52) 1,4-DICHLOROBENZENE-D4	26.87	152	641882	5.00	ug/L	-0.14
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	524683	5.62	ug/L	-0.14
Spiked Amount 5.000			Recovery	= 112.40%		
3) 4-BROMOFLUOROBENZENE	24.28	174	498887	4.27	ug/L	-0.14
Spiked Amount 5.000			Recovery	= 85.40%		
25) TOLUENE-D8	18.39	98	1766283	5.25	ug/L	-0.14
Spiked Amount 5.000			Recovery	= 105.00%		
Target Compounds						Qvalue
12) ACETONE	8.21	43	6370	0.86	ug/L	52
14) METHYLENE CHLORIDE	9.55	49	59374	0.80	ug/L	97
21) CHLOROFORM	12.75	83	17650	0.16	ug/L	99

(#) = qualifier out of range (m) = manual integration
0306B1.D HP022702.M Wed Mar 06 09:14:06 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0306B1.D Vial: 1
Acq On : 6 Mar 2002 8:35 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 9:13 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\0306B1.D Vial: 1
Acq On : 6 Mar 2002 8:35 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

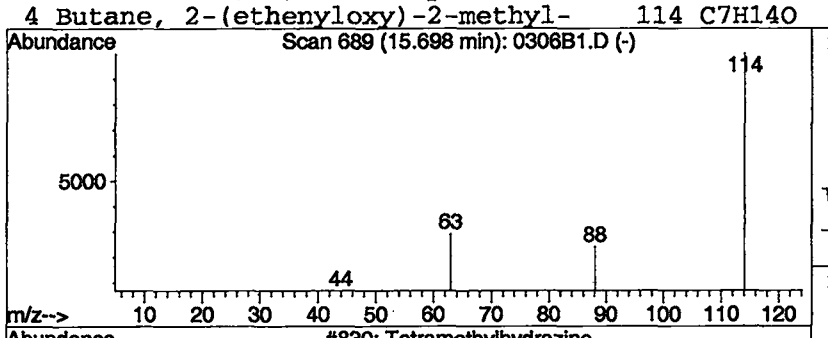
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

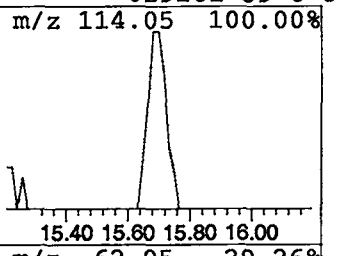
****

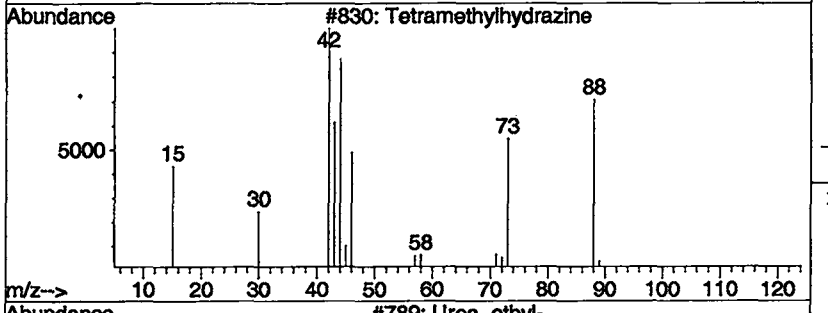
Peak Number 1 Tetramethylhydrazine Concentration Rank 2

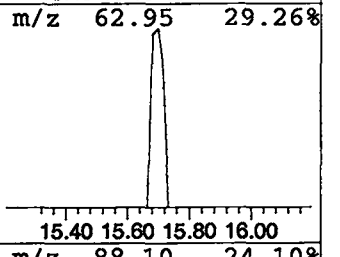
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	0.03 ug/L	23896	1,4-DIFLUOROBENZENE	15.03

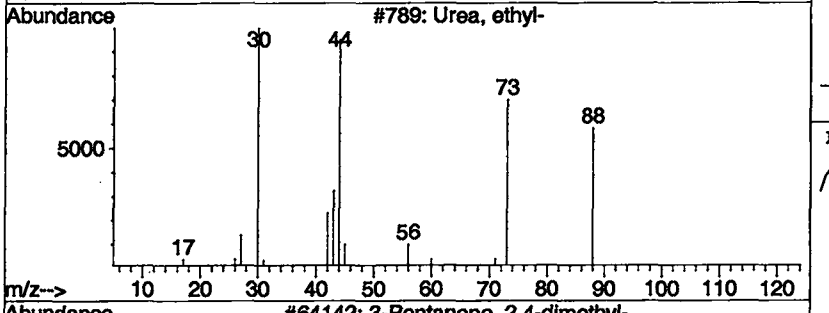
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3

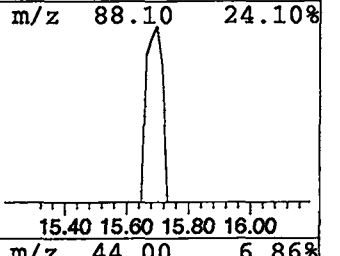


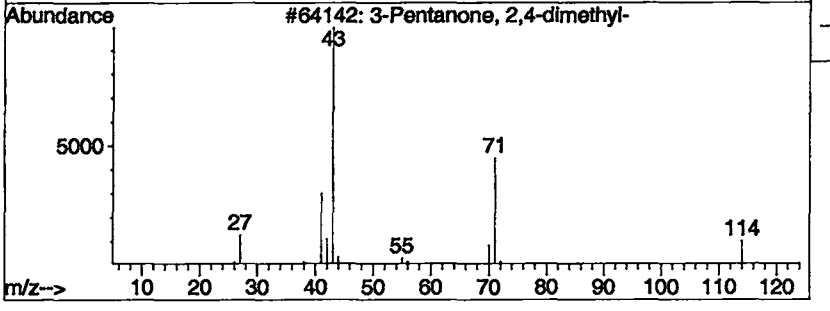


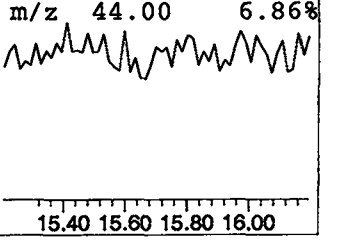












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:54:20

Sample: AE05153
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/6/02 00:09 Ended: 3/6/02 00:09 Analyst: BH
Result source: a:\0306c10.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.1	.5
2	Surr_4-BROMOFLUOROBENZE		4.7	.5
3	Dichlorodifluoromethane		12	.5
4	Chloromethane		10	.5
5	Vinyl chloride		11	.5
6	Bromomethane		9.5	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		9.2	.5
9	1,1-Dichloroethene	USPEC	14	.5
10	Methylene Chloride		13	.5
11	Methyl tert-butyl ether		11	1.0
12	trans-1,2-dichloroethene		11	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		9.6	2.0
15	2,2-dichloropropane		11	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		11	.5
18	Bromochloromethane		10	.5
19	1,2-dichloroethane		12	.5
20	Surr_TOLUENE-D8		5.1	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		11	.5
24	Benzene		11	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		10	.5
27	Dibromomethane		9.7	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		11	1.0
30	cis-1,3-dichloropropene		11	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		9.3	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		21	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		11	2.0
45	isopropylbenzene		11	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		11	.5
48	Bromobenzene		10	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:54:20

Sample: AE05153
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/6/02 00:09 Ended: 3/6/02 00:09 Analyst: BH
Result source: a:\0306c10.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		12	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		10	.5
57	1,4-dichlorobenzene		10	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		10	.5
61	Hexachlobutadiene		9.9	.5
62	Naphthalene		11	.5
63	1,2,3-trichlorobenzene		10	.5
64	Nitrobenzene		240	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10.D Vial: 2
Acq On : 6 Mar 2002 9:23 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 10:02 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1353523	5.00	ug/L	-0.12
24) CHLOROBENZENE-D5	21.71	117	1355725	5.00	ug/L	-0.12
52) 1,4-DICHLOROBENZENE-D4	26.88	152	688336	5.00	ug/L	-0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.28	65	537440	6.14	ug/L	-0.12
Spiked Amount 5.000			Recovery = 122.80%			
3) 4-BROMOFLUOROBENZENE	24.30	174	518513	4.73	ug/L	-0.12
Spiked Amount 5.000			Recovery = 94.60%			
25) TOLUENE-D8	18.40	98	1678450	5.13	ug/L	-0.12
Spiked Amount 5.000			Recovery = 102.60%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	473256	12.24	ug/L	99
5) CHLOROMETHANE	5.45	50	422424	10.43	ug/L	98
6) VINYL CHLORIDE	5.57	62	234052	10.76	ug/L	97
7) BROMOMETHANE	6.54	94	239965	9.46	ug/L	95
8) CHLOROETHANE	6.68	64	238040	10.62	ug/L	94
9) TRICHLOROFLUOROMETHANE	7.23	101	454633	9.16	ug/L	99
12) ACETONE	8.21	43	89511	12.92	ug/L	96
13) 1,1-DICHLOROETHENE	8.56	61	801765	13.60	ug/L	98
14) METHYLENE CHLORIDE	9.57	49	884110	12.73	ug/L	98
15) METHYL TERT BUTYL ETHER	9.86	73	882908	11.09	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.22	61	877211	10.98	ug/L	96
17) 1,1-DICHLOROETHANE	11.12	63	1053433	10.67	ug/L	97
18) 2-BUTANONE (MEK)	11.95	43	142431	9.60	ug/L	89
19) 2,2-DICHLOROPROPANE	12.33	77	787622	10.82	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.43	96	637873	10.50	ug/L	99
21) CHLOROFORM	12.77	83	1106394	10.67	ug/L	98
22) BROMOCHLOROMETHANE	13.14	49	518191	10.14	ug/L	98
23) 1,2-DICHLOROETHANE	14.49	62	785788	12.00	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.65	97	783727	10.81	ug/L	99
27) 1,1-DICHLOROPROPENE	13.98	75	796710	11.21	ug/L	96
28) CARBON TETRACHLORIDE	14.23	117	663896	10.91	ug/L	96
29) BENZENE	14.57	78	2144414	10.67	ug/L	99
30) TRICHLOROETHENE	15.85	95	623505	10.54	ug/L	97
31) 1,2-DICHLOROPROPANE	16.21	63	597001	10.23	ug/L	99
32) DIBROMOMETHANE	16.87	174	298370	9.74	ug/L	82
33) BROMODICHLOROMETHANE	16.72	83	820751	11.21	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.21	63	208659	11.28	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.30	58	110601	10.63	ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.83	75	888357	11.16	ug/L	97
37) TOLUENE	18.57	91	2308914	10.45	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.85	75	652797	11.46	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.24	97	405935	10.69	ug/L	99
40) TETRACHLOROETHENE	20.02	166	591799	9.33	ug/L	98
41) 1,3-DICHLOROPROPANE	19.77	76	761442	10.94	ug/L	99
42) DIBROMOCHLOROMETHANE	20.46	129	485401	10.65	ug/L	97
43) 1,2-DIBROMOETHANE	20.91	107	410539	10.62	ug/L	100
44) CHLOROBENZENE	21.79	112	1566855	10.35	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.84	131	532155	10.59	ug/L	97
46) 2-HEXANONE	19.14	43	195022	7.37	ug/L	90
47) ETHYLBENZENE	21.83	91	2726977	10.87	ug/L	98
48) P & M-XYLENE	21.98	106	1876311	20.76	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10.D Vial: 2
Acq On : 6 Mar 2002 9:23 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 10:02 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

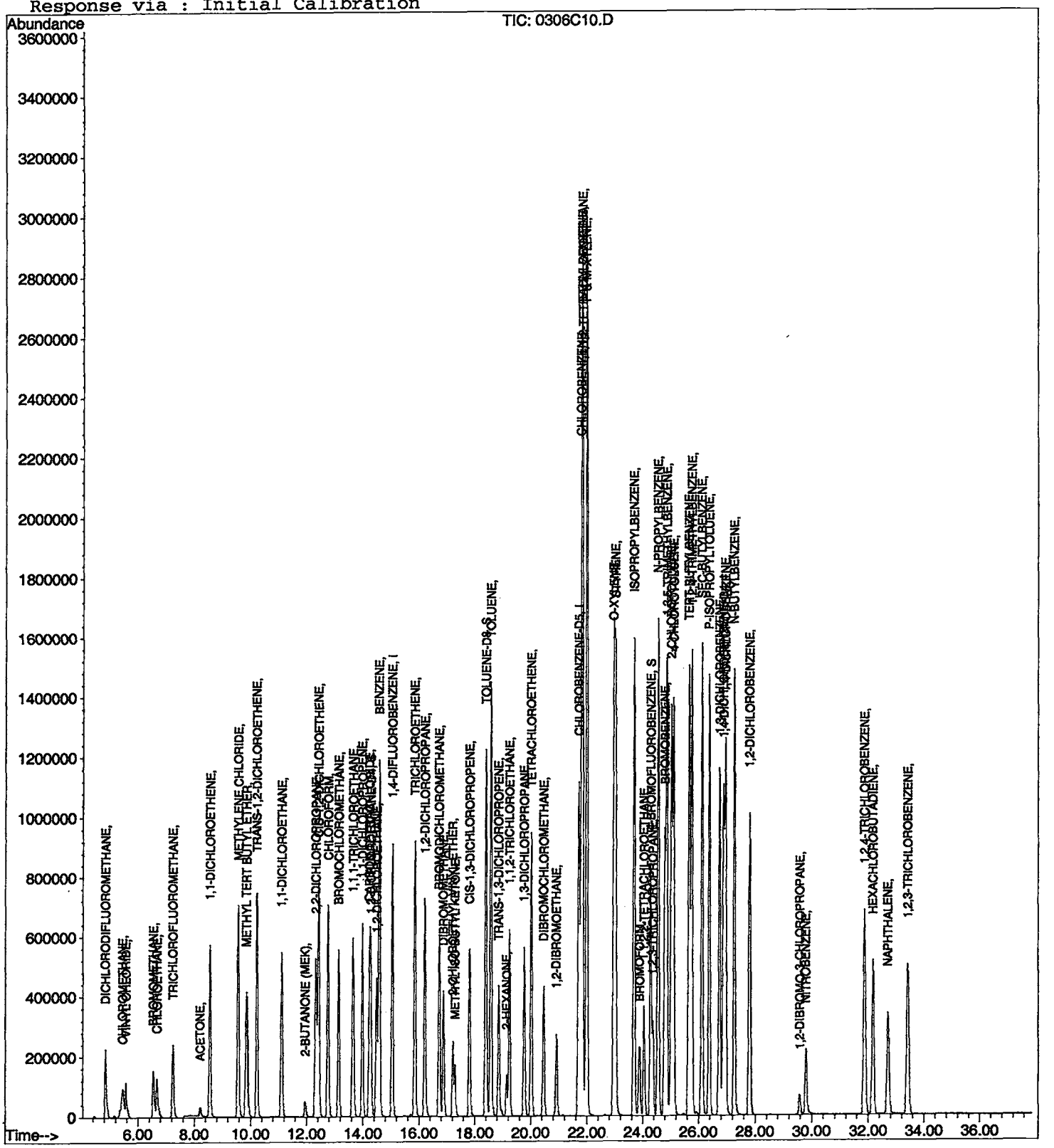
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	22.95	91	2207154	11.11	ug/L	96
50)	STYRENE	23.02	104	1610159	10.68	ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.04	83	462656	10.57	ug/L	97
53)	BROMOFORM	23.89	173	240942	11.20	ug/L	99
54)	ISOPROPYLBENZENE	23.68	105	2384123	10.97	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.36	110	130740	11.31	ug/L	99
56)	N-PROPYLBENZENE	24.55	91	3142375	11.19	ug/L	99
57)	BROMOBENZENE	24.81	156	624892	10.25	ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.87	105	2094180	11.21	ug/L	99
59)	2-CHLOROTOLUENE	25.03	91	2257576	11.90	ug/L	96
60)	4-CHLOROTOLUENE	25.11	91	1728666	10.29	ug/L	99
61)	TERT-BUTYLBENZENE	25.66	119	1901618	10.73	ug/L	92
62)	1,2,4-TRIMETHYLBENZENE	25.76	105	2206677	11.24	ug/L	95
63)	SEC-BUTYLBENZENE	26.12	105	2636281	11.07	ug/L	97
64)	P-ISOPROPYLTOLUENE	26.37	119	2049233	10.93	ug/L	95
65)	1,3-DICHLOROBENZENE	26.75	146	1183478	10.22	ug/L	98
66)	1,4-DICHLOROBENZENE	26.95	146	1197366	10.11	ug/L	97
67)	N-BUTYLBENZENE	27.26	91	2128056	10.99	ug/L	98
68)	1,2-DICHLOROBENZENE	27.80	146	1041544	10.52	ug/L	96
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.59	157	60089	11.01	ug/L	99
70)	1,2,4-TRICHLOROBENZENE	31.87	180	643021	10.26	ug/L	98
71)	HEXACHLOROBUTADIENE	32.18	225	278395	9.87	ug/L	97
72)	NAPHTHALENE	32.71	128	860891	10.93	ug/L	97
73)	1,2,3-TRICHLOROBENZENE	33.42	180	521215	10.19	ug/L	97
74)	NITROBENZENE	29.79	77	334855	242.92	ug/L	93

(#) = qualifier out of range (m) = manual integration
0306C10.D HP022702.M Wed Mar 06 10:02:22 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10.D Vial: 2
Acq On : 6 Mar 2002 9:23 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 10:02 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:56:32

Sample: AE05153
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/6/02 00:01 Ended: 3/6/02 00:01 Analyst: BH
Result source: a:\0306r5a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		6.1	
2	4-BROMOFLUOROBENZENE		4.6	
3	DICHLORODIFLUOROMETHAN		5.5	.5
4	CHLOROMETHANE		4.6	.5
5	VINYL CHLORIDE		5.5	.5
6	BROMOMETHANE		5.0	.5
7	CHLOROETHANE		5.2	.5
8	TRICHLOROFLUOROMETHANE		4.2	.5
9	ACETONE		5.5	.5
10	1,1-DICHLOROETHENE		5.2	.5
11	METHYLENE CHLORIDE		5.5	.5
12	METHYL TERT BUTYL ETHER		4.2	1
13	TRANS-1,2-DICHLOROETHEN		4.4	.5
14	1,1-DICHLOROETHANE		4.4	.5
15	2-BUTANONE (MEK)		3.2	.5
16	2,2-DICHLOROPROPANE		4.5	.5
17	CIS-1,2-DICHLOROETHENE		4.4	.5
18	CHLOROFORM		4.4	.5
19	BROMOCHLOROMETHANE		4.2	.5
20	1,2-DICHLOROETHANE		4.9	.5
21	TOLUENE-D8		5.2	
22	1,1,1-TRICHLOROETHANE		4.5	.5
23	1,1-DICHLOROPROPENE		4.8	.5
24	CARBON TETRACHLORIDE		4.5	.5
25	BENZENE		4.5	.5
26	TRICHLOROETHENE		4.5	.5
27	1,2-DICHLOROPROPANE		4.3	.5
28	DIBROMOMETHANE		3.7	.5
29	BROMODICHLOROMETHANE		4.4	.5
30	2-CHLOROETHYL VINYL ETHE		4.2	.5
31	METHYL ISO-BUTYL KETONE		3.6	1
32	CIS-1,3-DICHLOROPROPENE		4.3	.5
33	TOLUENE		4.5	.5
34	TRANS-1,3-DICHLOROPROPE		4.6	.5
35	1,1,2-TRICHLOROETHANE		4.3	.5
36	TETRACHLOROETHENE		4.0	.5
37	1,3-DICHLOROPROPANE		4.3	.5
38	DIBROMOCHLOROMETHANE		4.1	2
39	1,2-DIBROMOETHANE		4.1	.5
40	CHLOROBENZENE		4.3	.5
41	1,1,1,2-TETRACHLOROETHA		4.3	.5
42	2-HEXANONE		2.6	.5
43	ETHYLBENZENE		4.8	.5
44	P & M-XYLENE		8.9	.5
45	O-XYLENE		4.7	.5
46	STYRENE		4.2	.5
47	1,1,2,2-TETRACHLOROETHA		4.1	.5
48	BROMOFORM		4.0	2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:56:32

Sample: AE05153
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/6/02 00:01 Ended: 3/6/02 00:01 Analyst: BH
Result source: a:\0306r5a.rr
Page: 2

	Component Name	Viol	Result	MDL
49	ISOPROPYLBENZENE		4.9	.5
50	1,2,3-TRICHLOROPROPANE		4.5	.5
51	N-PROPYLBENZENE		4.9	.5
52	BROMOBENZENE		4.3	.5
53	1,3,5-TRIMETHYLBENZENE		4.9	.5
54	2-CHLOROTOLUENE		5.0	.5
55	4-CHLOROTOLUENE		4.5	.5
56	TERT-BUTYLBENZENE		4.7	.5
57	1,2,4-TRIMETHYLBENZENE		4.8	.5
58	SEC-BUTYLBENZENE		5.0	.5
59	P-ISOPROPYLTOLUENE		5.0	.5
60	1,3-DICHLOROBENZENE		4.3	.5
61	1,4-DICHLOROBENZENE		4.2	.5
62	N-BUTYLBENZENE		5.0	.5
63	1,2-DICHLOROBENZENE		4.3	.5
64	1,2-DIBROMO-3-CHLOROPRO		4.1	.5
65	1,2,4-TRICHLOROBENZENE		4.1	.5
66	HEXACHLOROBUTADIENE		4.5	.5
67	NAPHTHALENE		4.2	.5
68	1,2,3-TRICHLOROBENZENE		4.2	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		77	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:56:44

Sample: AE05153
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/7/02 13:56 Ended: 3/7/02 13:56 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1	.5
2	Surr - 4-BROMOFLUOROBENZ		4.6	.5
3	Dichlorodifluoromethane		110	.5
4	Chloromethane		92	.5
5	Vinyl chloride		110	.5
6	Bromomethane		100	.5
7	Chloroethane		104	.5
8	Trichlorofluoromethane		84	.5
9	1,1-Dichloroethene		104	.5
10	Methylene Chloride		110	.5
11	Methyl tert butyl ether		84	1.0
12	trans-1,2-dichloroethene		88	.5
13	1,1-dichloroethane		88	.5
14	2-butanone (MEK)		64	2.0
15	2,2-dichloropropane		90	.5
16	cis-1,2-dichloroethene		88	.5
17	Chloroform		88	.5
18	Bromochloromethane		84	.5
19	1,2-dichloroethane		98	.5
20	Surr - TOLUENE-D8		5.2	.5
21	1,1,1-trichloroethane		90	.5
22	1,1-dichloropropene		96	.5
23	Carbon tetrachloride		90	.5
24	Benzene		90	.5
25	Trichloroethene		90	.5
26	1,2-dichloropropane		86	.5
27	Dibromomethane		74	.5
28	Bromodichioromethane		88	.5
29	Methyl iso-butyl ketone		72	1.0
30	cis-1,3-dichloropropene		86	.5
31	Toluene		90	.5
32	trans-1,3-dichloropropene		92	.5
33	1,1,2-trichloroethane		86	.5
34	Tetrachloroethene		80	.5
35	1,3-dichloropropane		86	.5
36	Dibromochloromethane		82	2.0
37	Chlorobenzene		86	.5
38	1,1,1,2-tetrachloroethane		86	.5
39	Ethylbenzene		96	.5
40	P & M-xylene		89	.5
41	O-xylene		94	.5
42	Styrene		84	.5
43	1,1,2,2-tetrachloroethane		82	.5
44	Bromoform		80	2.0
45	Isopropylbenzene		98	.5
46	1,2,3-trichloropropane		90	.5
47	N-propylbenzene		98	.5
48	Bromobenzene		86	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:56:44

Sample: AE05153
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/7/02 13:56 Ended: 3/7/02 13:56 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		98	.5
50	2-chlorotoluene		100	.5
51	4-chlorotoluene		90	.5
52	TERT-butylbenzene		94	.5
53	1,2,4-trimethylbenzene		96	.5
54	SEC-butylbenzene		100	.5
55	P-isopropyltoluene		100	.5
56	1,3-dichlorobenzene		86	.5
57	1,4-dichlorobenzene		84	.5
58	N-butylbenzene		100	.5
59	1,2-dichlorobenzene		86	.5
60	1,2,4-trichlorobenzene		82	.5
61	Hexachlorobutadiene		90	.5
62	Naphthalene		84	.5
63	1,2,3-trichlorobenzene		84	.5
64	Ethanol			
65	Nitrobenzene		77	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306R5A.D Vial: 5
Acq On : 6 Mar 2002 11:40 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 12:18 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1801887	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.72	117	1816625	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	898440	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	706141	6.06	ug/L	-0.10
Spiked Amount 5.000			Recovery = 121.20%			
3) 4-BROMOFLUOROBENZENE	24.31	174	674277	4.62	ug/L	-0.10
Spiked Amount 5.000			Recovery = 92.40%			
25) TOLUENE-D8	18.42	98	2266313	5.17	ug/L	-0.10
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	262646	5.52	ug/L	99
5) CHLOROMETHANE	5.47	50	239687	4.59	ug/L	96
6) VINYL CHLORIDE	5.59	62	172049	5.49	ug/L	95
7) BROMOMETHANE	6.56	94	157633	5.01	ug/L	91
8) CHLOROETHANE	6.70	64	148238	5.17	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.25	101	276998	4.19	ug/L	97
12) ACETONE	8.22	43	51019	5.53	ug/L	97
13) 1,1-DICHLOROETHENE	8.58	61	411750	5.25	ug/L	97
14) METHYLENE CHLORIDE	9.59	49	508415	5.50	ug/L	99
15) METHYL TERT BUTYL ETHER	9.89	73	446441	4.21	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.25	61	470226	4.42	ug/L	99
17) 1,1-DICHLOROETHANE	11.13	63	579564	4.41	ug/L	99
18) 2-BUTANONE (MEK)	11.97	43	63369	3.21	ug/L	89
19) 2,2-DICHLOROPROPANE	12.36	77	431288	4.45	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.45	96	352863	4.36	ug/L	95
21) CHLOROFORM	12.79	83	606656	4.40	ug/L	100
22) BROMOCHLOROMETHANE	13.16	49	282705	4.16	ug/L	94
23) 1,2-DICHLOROETHANE	14.51	62	424380	4.87	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.67	97	441590	4.54	ug/L	99
27) 1,1-DICHLOROPROPENE	13.99	75	456373	4.79	ug/L	97
28) CARBON TETRACHLORIDE	14.25	117	367027	4.50	ug/L	99
29) BENZENE	14.59	78	1217572	4.52	ug/L	100
30) TRICHLOROETHENE	15.87	95	358935	4.53	ug/L	97
31) 1,2-DICHLOROPROPANE	16.23	63	333985	4.27	ug/L	98
32) DIBROMOMETHANE	16.91	174	152980	3.73	ug/L	90
33) BROMODICHLOROMETHANE	16.75	83	435065	4.43	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	105344	4.25	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.31	58	50029	3.59	ug/L	92
36) CIS-1,3-DICHLOROPROPENE	17.84	75	462582	4.34	ug/L	98
37) TOLUENE	18.59	91	1338813	4.52	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.86	75	353589	4.63	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.26	97	219325	4.31	ug/L	99
40) TETRACHLOROETHENE	20.04	166	343802	4.04	ug/L	97
41) 1,3-DICHLOROPROPANE	19.78	76	398510	4.27	ug/L	98
42) DIBROMOCHLOROMETHANE	20.48	129	249885	4.09	ug/L	99
43) 1,2-DIBROMOETHANE	20.92	107	212343	4.10	ug/L	99
44) CHLOROBENZENE	21.81	112	875848	4.32	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	286883	4.26	ug/L	99
46) 2-HEXANONE	19.15	43	90730	2.56	ug/L	96
47) ETHYLBENZENE	21.84	91	1599578	4.76	ug/L	98
48) P & M-XYLENE	22.00	106	1081948	8.93	ug/L	95

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306R5A.D Vial: 5
Acq On : 6 Mar 2002 11:40 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 12:18 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

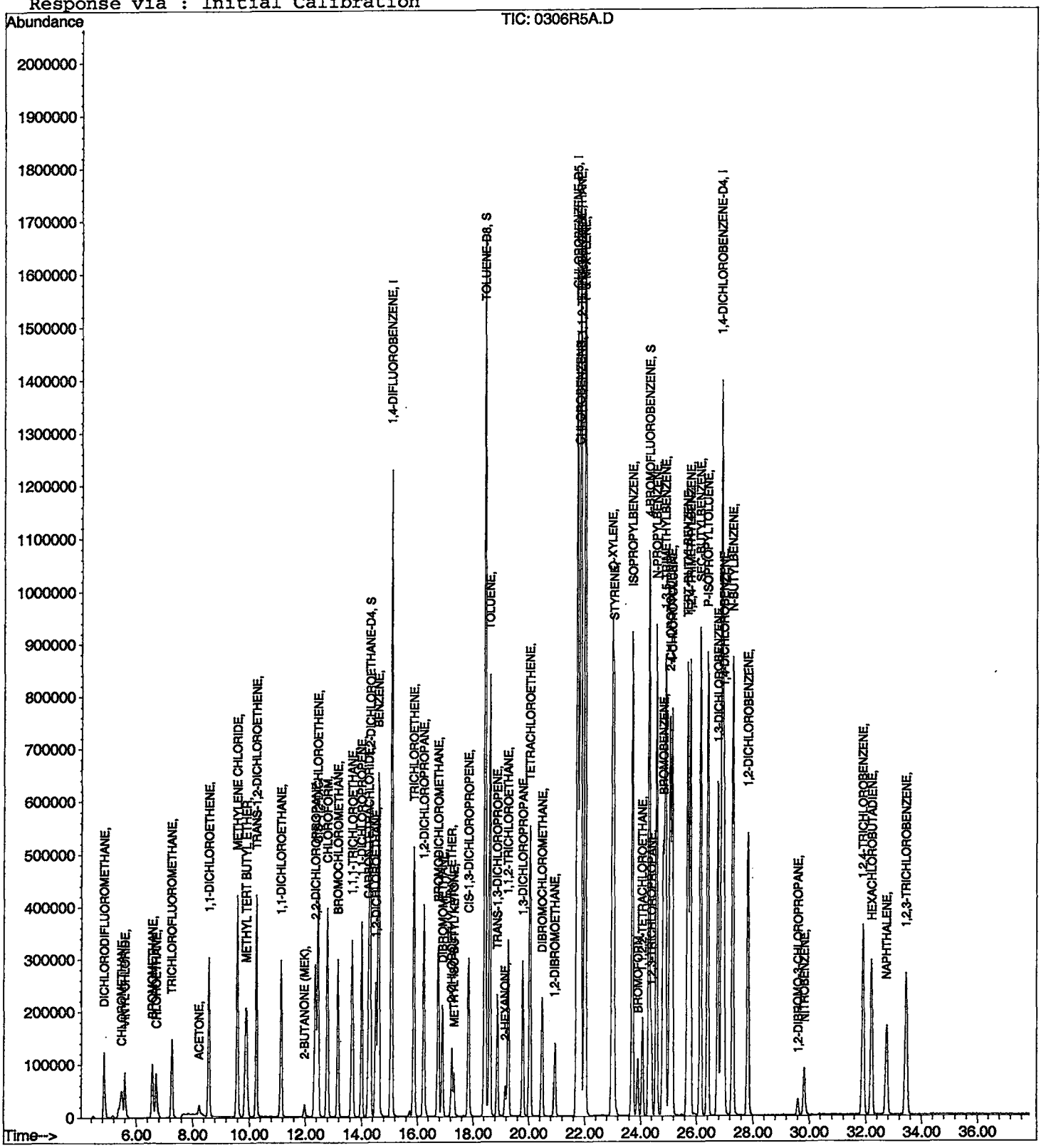
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	22.98	91	1245284	4.68	ug/L	96
50)	STYRENE	23.04	104	857962	4.25	ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	239607	4.09	ug/L	99
53)	BROMOFORM	23.90	173	112465	4.01	ug/L	99
54)	ISOPROPYLBENZENE	23.70	105	1377281	4.85	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.40	110	67490	4.47	ug/L	96
56)	N-PROPYLBENZENE	24.57	91	1782030	4.86	ug/L	99
57)	BROMOBENZENE	24.82	156	340222	4.28	ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	1204585	4.94	ug/L	95
59)	2-CHLOROTOLUENE	25.06	91	1239229	5.01	ug/L	99
60)	4-CHLOROTOLUENE	25.13	91	987693	4.50	ug/L	97
61)	TERT-BUTYLBENZENE	25.67	119	1094627	4.73	ug/L	91
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	1217493	4.75	ug/L	96
63)	SEC-BUTYLBENZENE	26.13	105	1549438	4.99	ug/L	96
64)	P-ISOPROPYLTOLUENE	26.39	119	1223034	5.00	ug/L	95
65)	1,3-DICHLOROBENZENE	26.76	146	652589	4.32	ug/L	99
66)	1,4-DICHLOROBENZENE	26.97	146	652428	4.22	ug/L	96
67)	N-BUTYLBENZENE	27.29	91	1263733	5.00	ug/L	100
68)	1,2-DICHLOROBENZENE	27.82	146	556745	4.31	ug/L	96
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	28913	4.06	ug/L	92
70)	1,2,4-TRICHLOROBENZENE	31.89	180	337780	4.13	ug/L	98
71)	HEXACHLOROBUTADIENE	32.21	225	166182	4.51	ug/L	100
72)	NAPHTHALENE	32.74	128	427969	4.16	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.44	180	278238	4.17	ug/L	96
74)	NITROBENZENE	29.83	77	138507	76.98	ug/L	94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0306R5A.D Vial: 5
Acq On : 6 Mar 2002 11:40 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 12:18 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306B2.D Vial: 4
Acq On : 6 Mar 2002 10:56 am Operator: 201-wb
Sample : Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 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 : Tue Mar 05 13:20:57 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

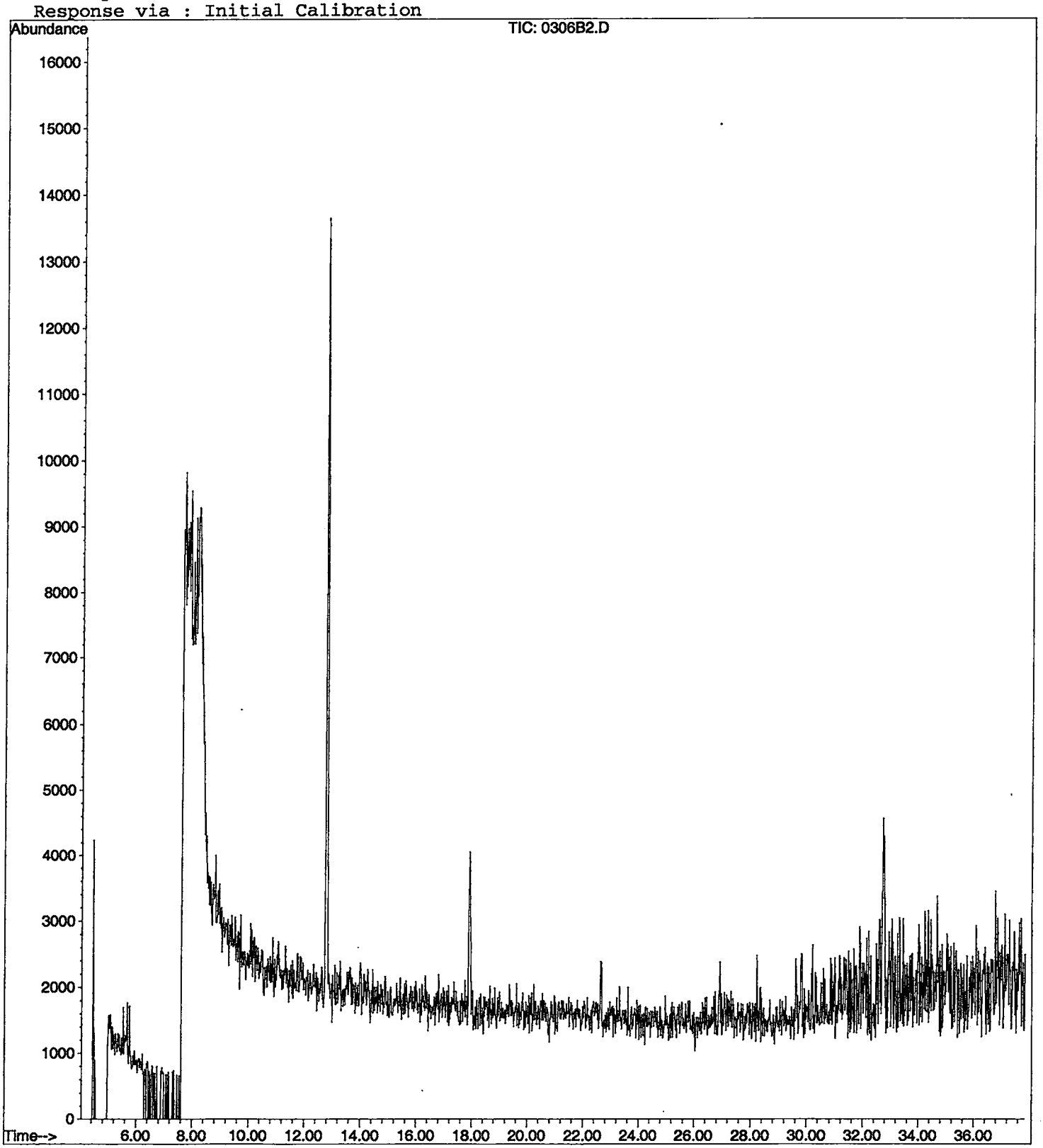
no IS/surr added

(#) = qualifier out of range (m) = manual integration
0306B2.D HP022702.M Wed Mar 06 11:35:16 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0306B2.D Vial: 4
Acq On : 6 Mar 2002 10:56 am Operator: 201-wb
Sample : Inst : GC/MS Ins
Misc : March 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 11:35 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:57:21

Sample: AE05153
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:04 Ended: 3/6/02 00:04 Analyst: BH
Result source: a:\05153.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		31	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		6.0	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 3/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:57:21

Sample: AE05153
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:04 Ended: 3/6/02 00:04 Analyst: BH
Result source: a:\05153.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 AE05153 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-12-2002 Time: 17:23:23

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.06 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05153.D Vial: 5
Acq On : 6 Mar 2002 4:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 17:16 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1239295	5.00 ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	1230054	5.00 ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	577793	5.00 ug/L	-0.10
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.32	65	461332	5.76 ug/L	-0.09
Spiked Amount 5.000			Recovery	= 115.20%	
3) 4-BROMOFLUOROBENZENE	24.31	174	439832	4.38 ug/L	-0.10
Spiked Amount 5.000			Recovery	= 87.60%	
25) TOLUENE-D8	18.42	98	1535743	5.18 ug/L	-0.10
Spiked Amount 5.000			Recovery	= 103.60%	
Target Compounds					Qvalue
12) ACETONE	8.24	43	58461	~~9.22 ug/L~~	97
14) METHYLENE CHLORIDE	9.59	49	55654	~~0.87 ug/L~~	98
18) 2-BUTANONE (MEK)	11.99	43	2590	0.19 ug/L	60
21) CHLOROFORM 31	12.79	83	2955587	31.14 ug/L	99
33) BROMODICHLOROMETHANE 6.0	16.75	83	395886	5.96 ug/L	98
42) DIBROMOCHLOROMETHANE .59	20.48	129	24248	0.59 ug/L	99
46) 2-HEXANONE	19.55	43	1615	0.07 ug/L	31

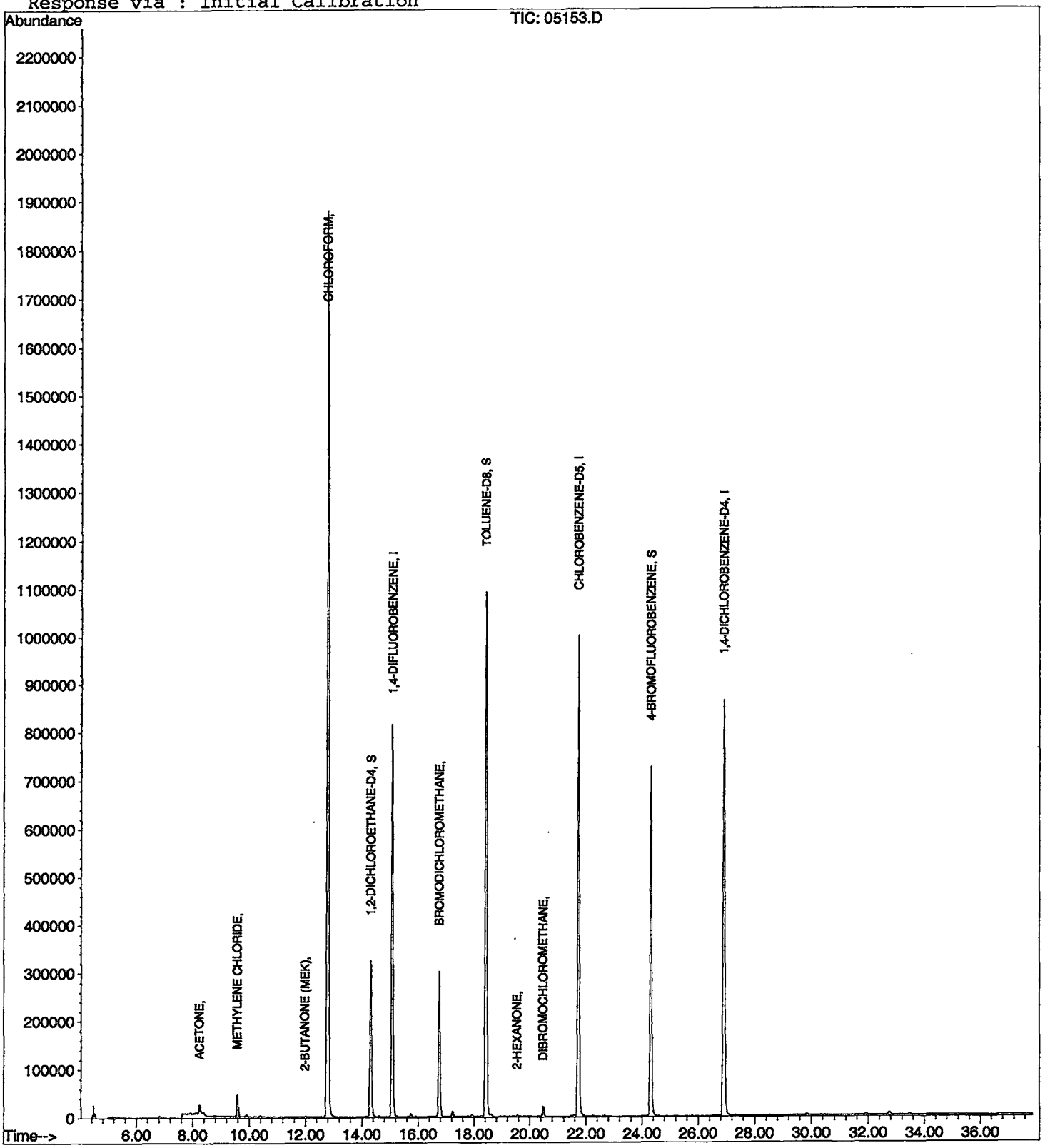
(#) = qualifier out of range (m) = manual integration
05153.D HP022702.M Wed Mar 06 17:16:42 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05153.D
Acq On : 6 Mar 2002 4:38 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 17:16 2002

Vial: 5
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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05153.D Vial: 5
Acq On : 6 Mar 2002 4:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

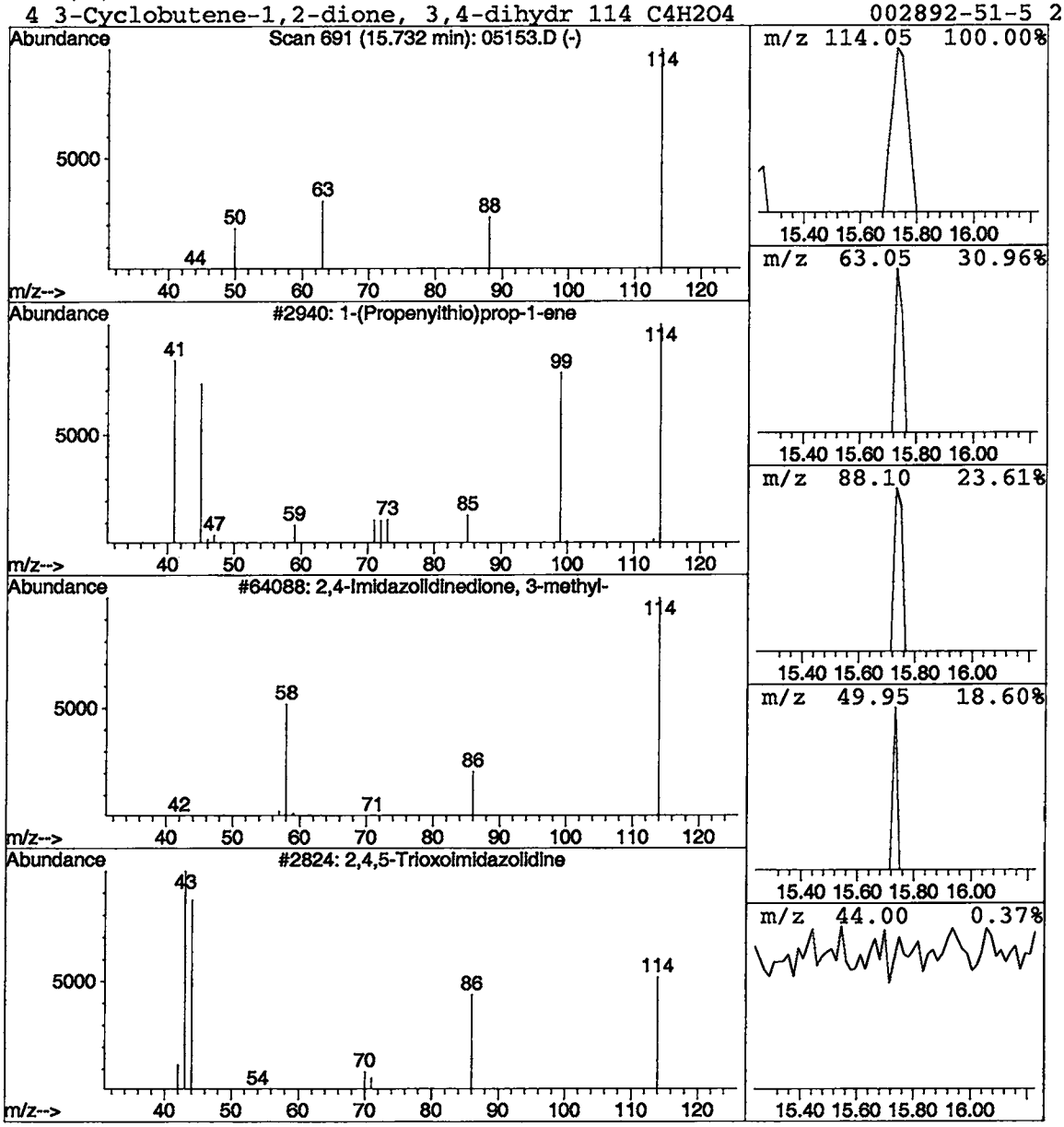
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.04 ug/L	22254	1,4-DIFLUOROBENZENE	15.09

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05153.D Vial: 5
Acq On : 6 Mar 2002 4:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

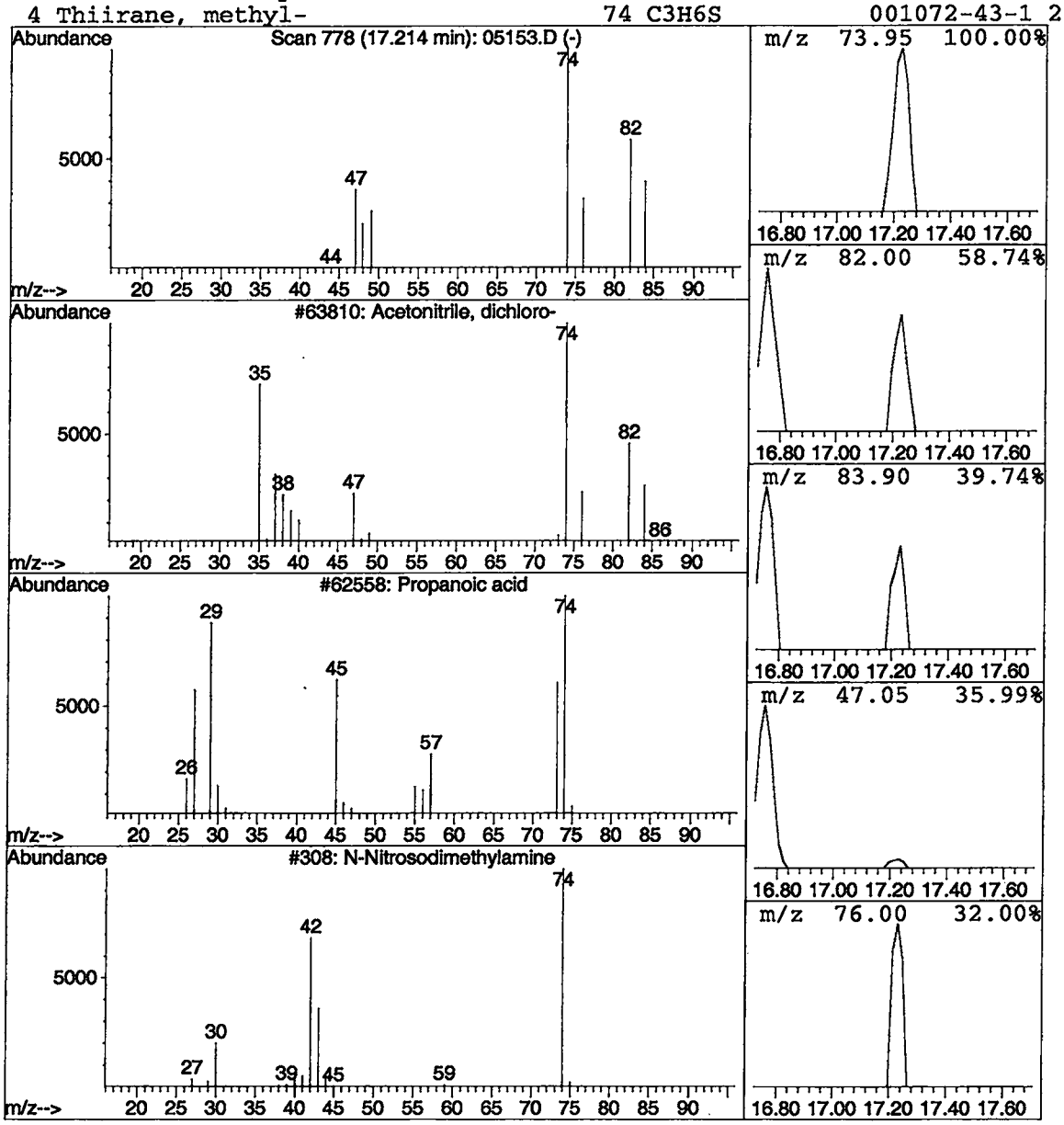
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	0.06 ug/L	38525	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	28
2	Propanoic acid	74	C3H6O2	000079-09-4	2
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2
4	Thiirane, methyl-	74	C3H6S	001072-43-1	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:57:42

Sample: AE05153
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/6/02 00:04 Ended: 3/6/02 00:04 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Vial	Result
1	Surr - 1,2-DICHLOROETHANE-		0.20
2	Surr - 4-BROMOFLUOROBENZ		0.0
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		1.0
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		0.40
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: 03/07/2002 Time: 13:57:42

Sample: AE05153
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/6/02 00:04 Ended: 3/6/02 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:57:33

Sample: AE05153
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/6/02 00:05 Ended: 3/6/02 00:05 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0	.5
2	Surr - 4-BROMOFLUOROBENZ		4.4	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		30 31	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	*THM-Bromodichloromethane		5.6 6.0	.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: 03/07/2002 Time: 13:57:33

Sample: AE05153
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/6/02 00:05 Ended: 3/6/02 00:05 Analyst: BH
Result source: manual entry
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 AE05153 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-12-2002 Time: 17:24:50

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.07 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05153D.D Vial: 6
Acq On : 6 Mar 2002 5:21 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 17:59 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1231591	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	1242477	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	558067	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	474157	5.95	ug/L	-0.09
Spiked Amount 5.000			Recovery =	119.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	435688	4.37	ug/L	-0.10
Spiked Amount 5.000			Recovery =	87.40%		
25) TOLUENE-D8	18.44	98	1548075	5.17	ug/L	-0.09
Spiked Amount 5.000			Recovery =	103.40%		
Target Compounds						Qvalue
12) ACETONE 10	8.24	43	66020	10.48	ug/L	95
14) METHYLENE CHLORIDE	9.59	49	55594	~~0.88~~	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	1688	0.13	ug/L	60
21) CHLOROFORM 30	12.79	83	2810074	29.79	ug/L	98
33) BROMODICHLOROMETHANE 5.6	16.75	83	379085	5.65	ug/L	98
42) DIBROMOCHLOROMETHANE .57	20.48	129	23742	0.57	ug/L	97

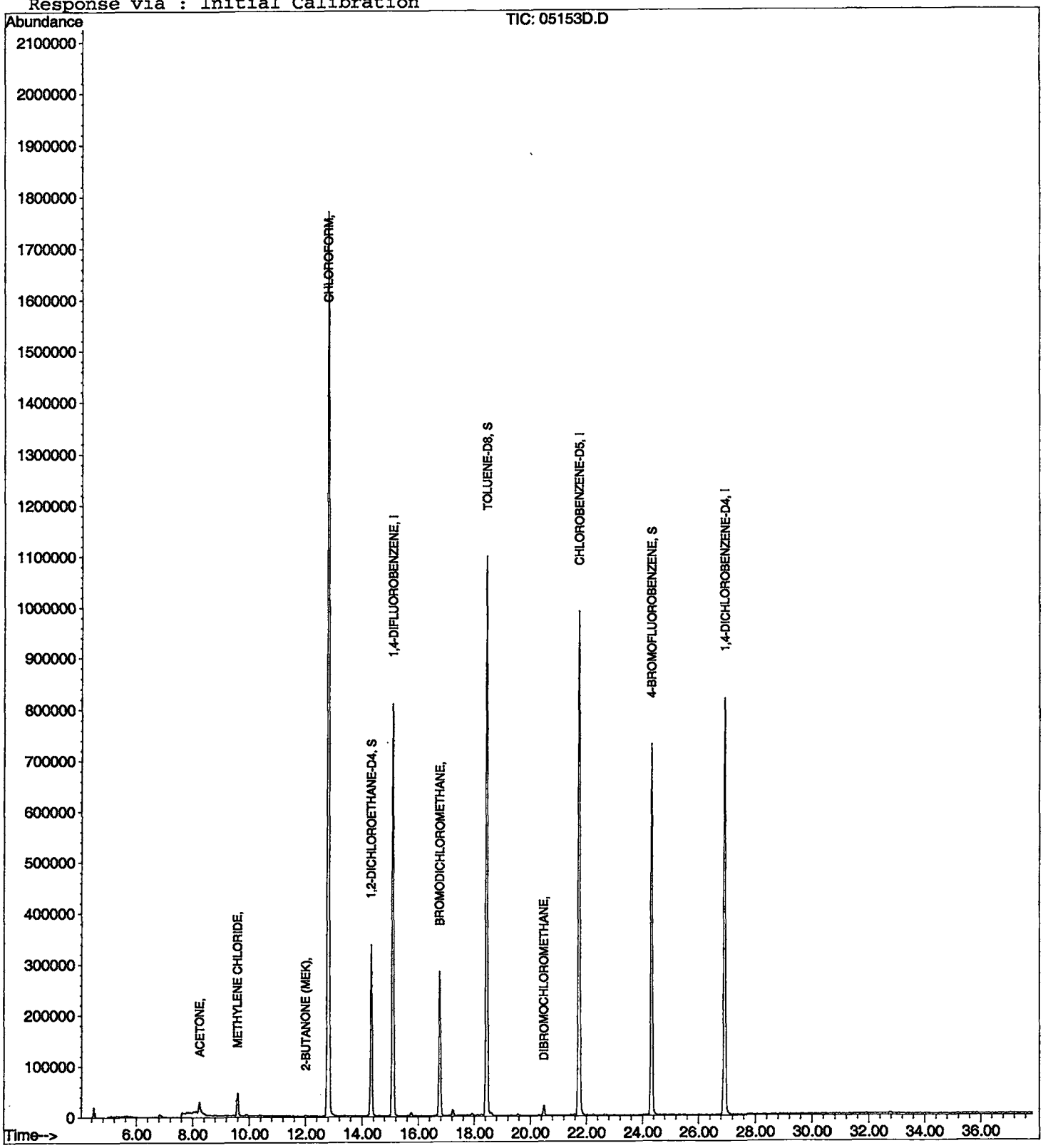
(#) = qualifier out of range (m) = manual integration
05153D.D HP022702.M Wed Mar 06 18:00:07 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05153D.D
Acq On : 6 Mar 2002 5:21 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 17:59 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05153D.D Vial: 6
Acq On : 6 Mar 2002 5:21 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

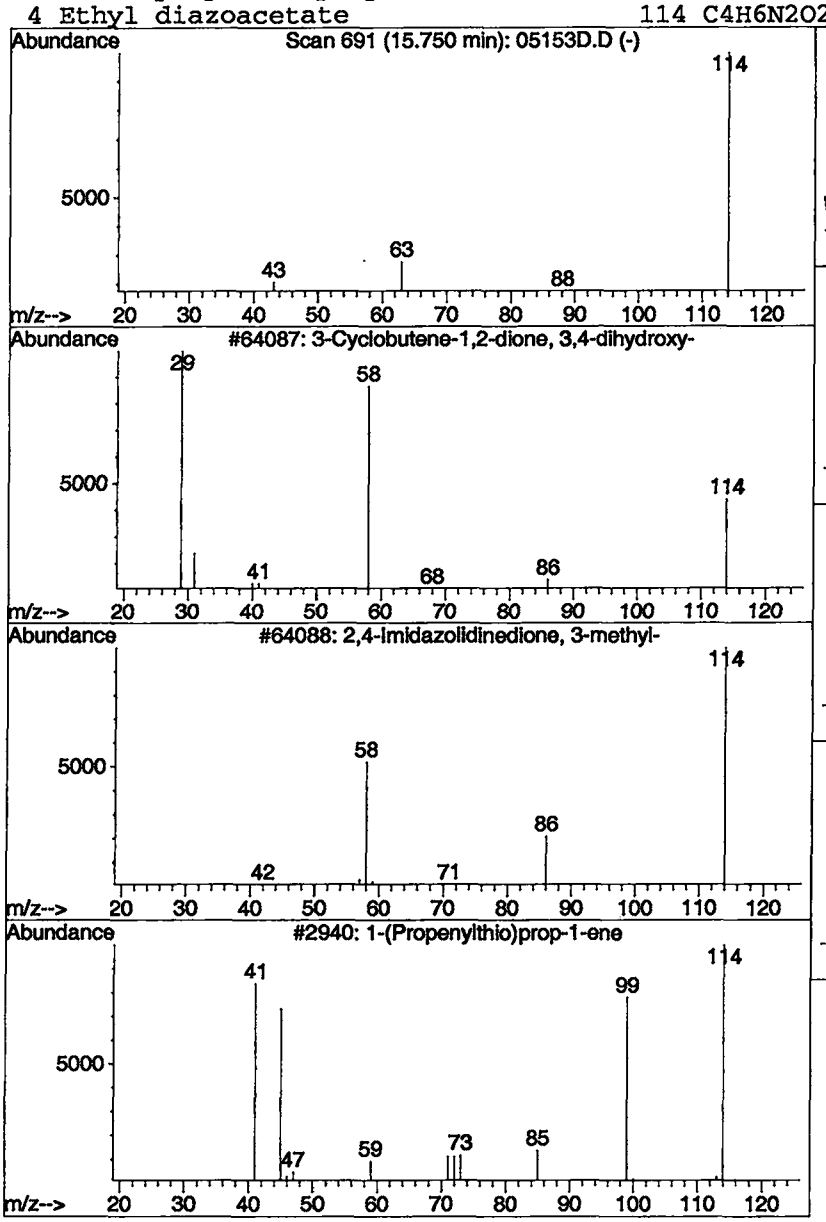
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

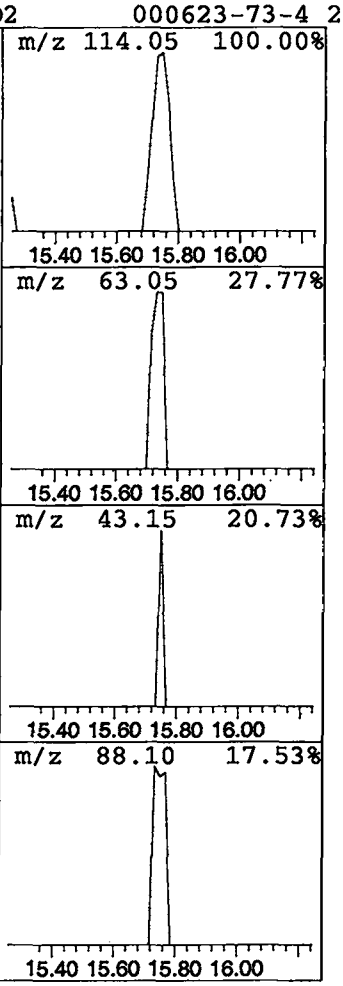
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.04 ug/L	22951	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05153D.D Vial: 6
Acq On : 6 Mar 2002 5:21 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

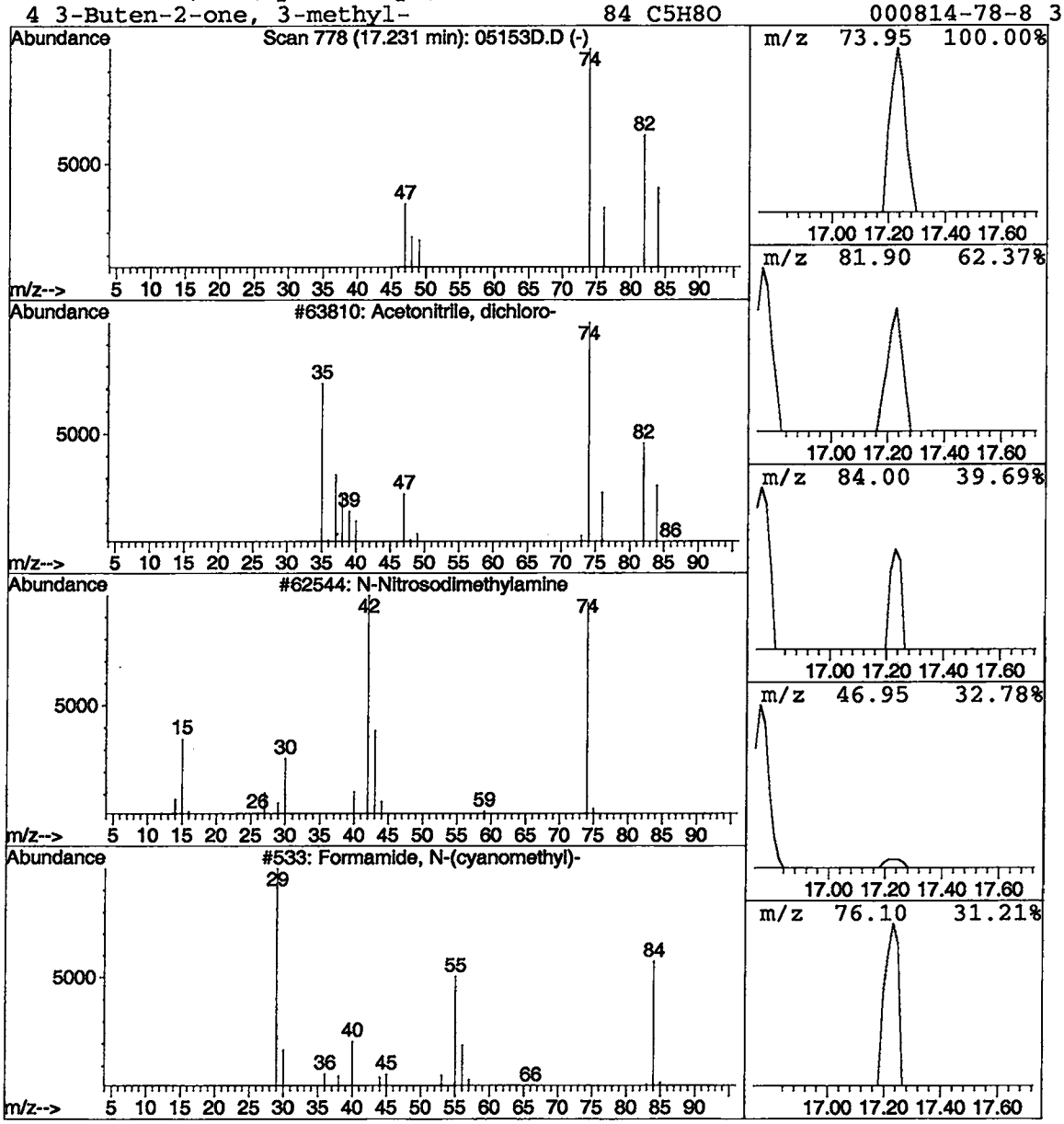
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.07 ug/L	40994	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
3	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	3
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:58:29

Sample: AE05154
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:06 Ended: 3/6/02 00:06 Analyst: BH
Result source: a:\05154.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		20	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		4.6	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 3/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:58:29

Sample: AE05154
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:06 Ended: 3/6/02 00:06 Analyst: BH
Result source: a:\05154.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 AE05154 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-12-2002 Time: 17:25:44

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.05 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05154.D Vial: 7
Acq On : 6 Mar 2002 6:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 18:43 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1151779	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1154447	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	522320	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	440970	5.92	ug/L	-0.09
Spiked Amount 5.000			Recovery =	118.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	400814	4.30	ug/L	-0.10
Spiked Amount 5.000			Recovery =	86.00%		
25) TOLUENE-D8	18.44	98	1451997	5.22	ug/L	-0.09
Spiked Amount 5.000			Recovery =	104.40%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	65821	11.17	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	49591	~~0.84~~	ug/L	98
21) CHLOROFORM	12.79	83	1798627	20.39	ug/L	98
33) BROMODICHLOROMETHANE	16.75	83	285279	4.58	ug/L	99
37) TOLUENE	18.61	91	9879	0.05	ug/L	93
42) DIBROMOCHLOROMETHANE	20.48	129	17475	0.45	ug/L	91

(#) = qualifier out of range (m) = manual integration
05154.D HP022702.M Wed Mar 06 18:43:25 2002 Page 1

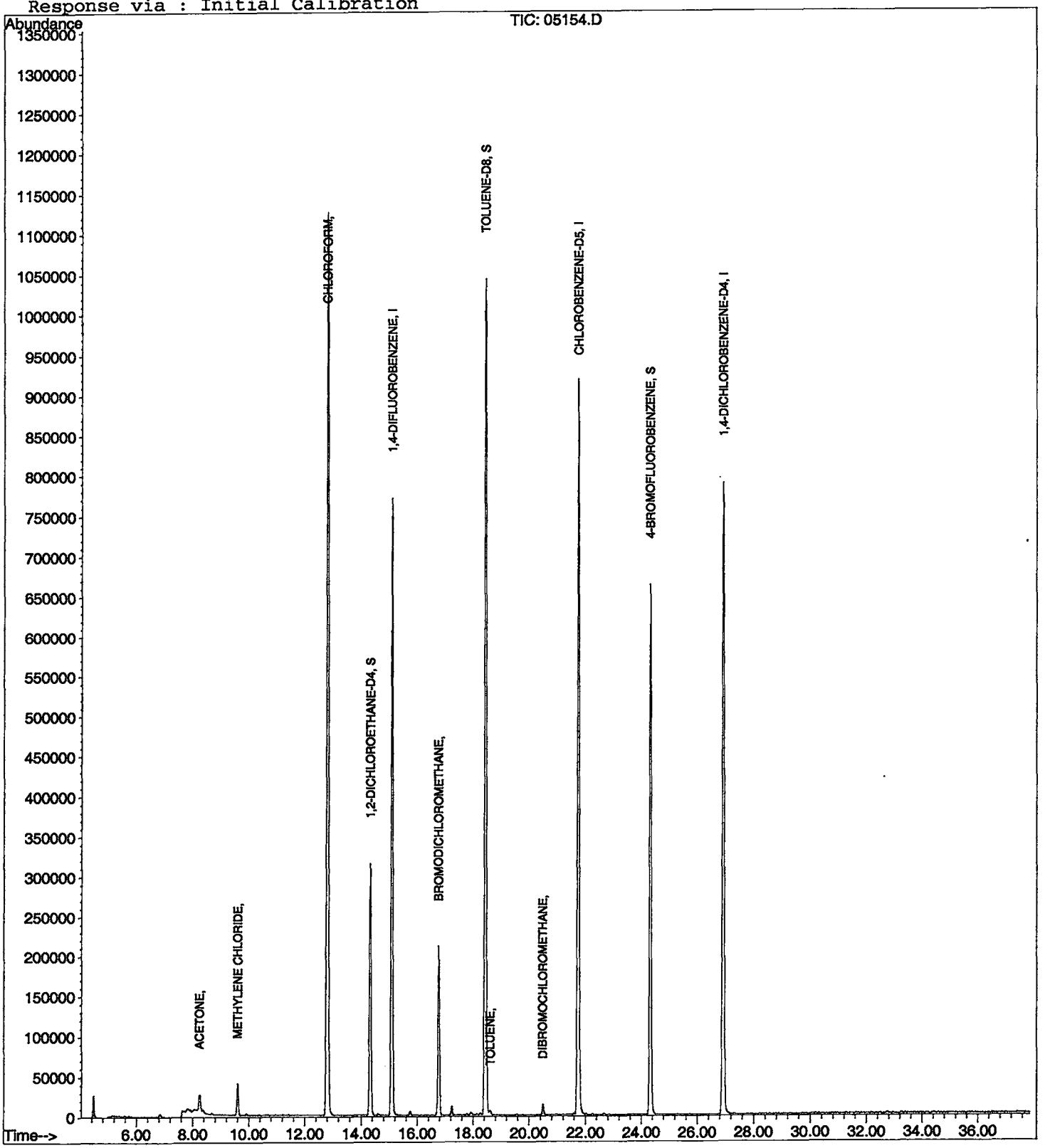
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05154.D
Acq On : 6 Mar 2002 6:04 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 18:43 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05154.D Vial: 7
Acq On : 6 Mar 2002 6:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

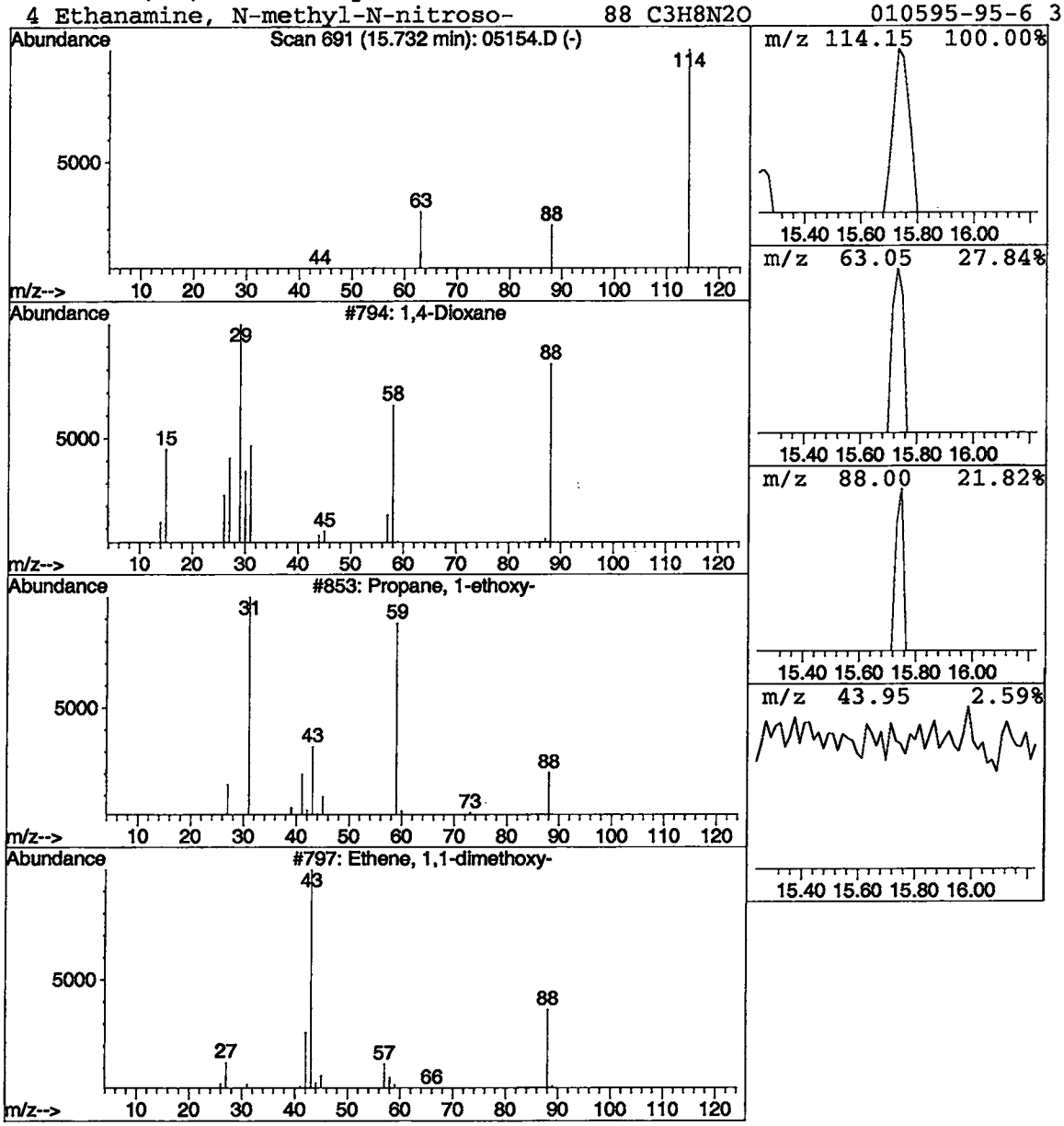
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	17868	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	3
2	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
3	Ethene, 1,1-dimethoxy-	88	C4H8O2	000922-69-0	3
4	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05154.D Vial: 7
Acq On : 6 Mar 2002 6:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

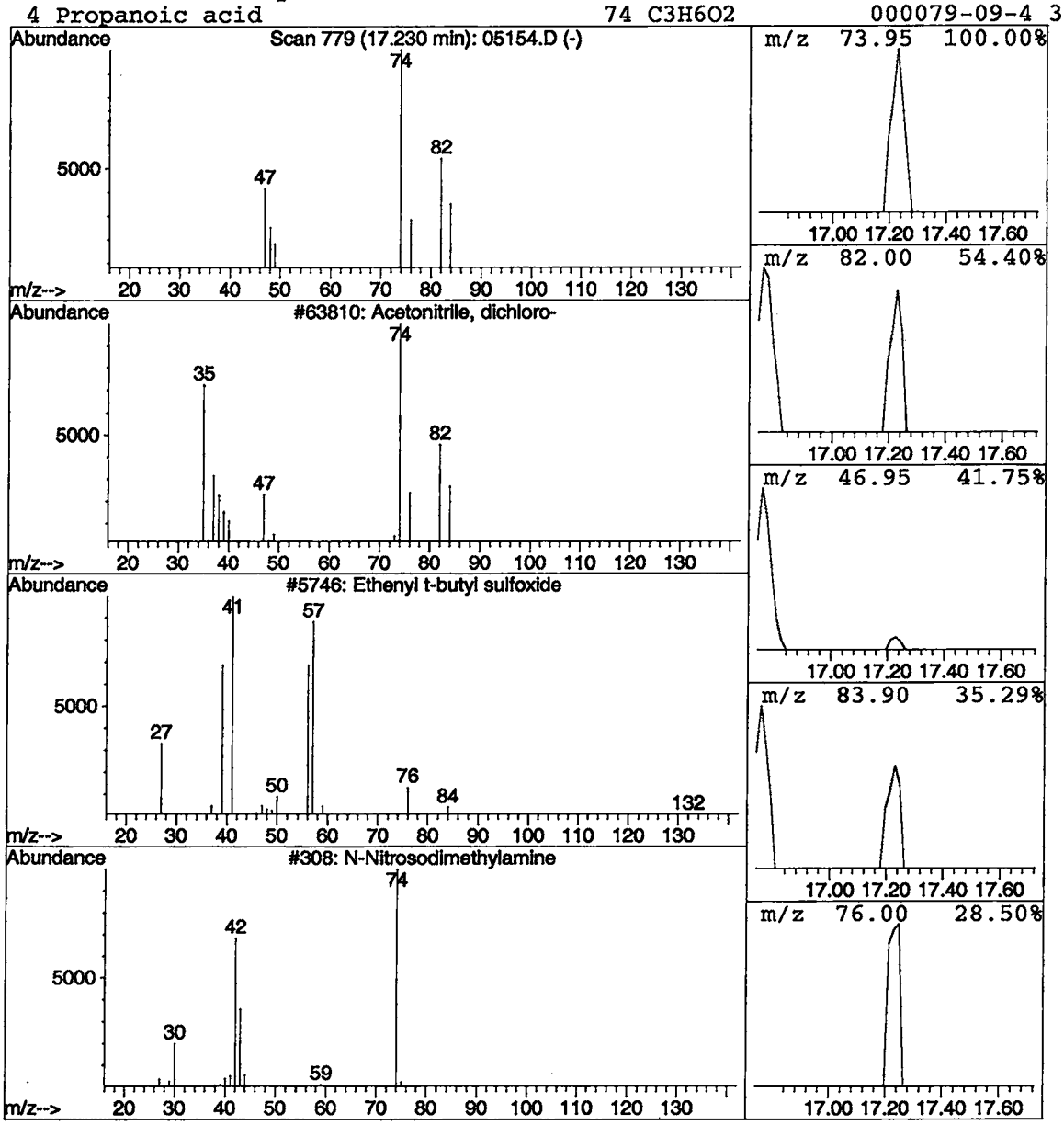
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.05 ug/L	32121	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	39
2	Ethenyl t-butyl sulfoxide	132	C6H12OS	000000-00-0	4
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
4	Propanoic acid	74	C3H6O2	000079-09-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:58:56

Sample: AE05155
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:06 Ended: 3/6/02 00:06 Analyst: BH
Result source: a:\05155.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8	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		26	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		5.8	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 3/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:58:56

Sample: AE05155
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:06 Ended: 3/6/02 00:06 Analyst: BH
Result source: a:\05155.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 AE05155 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-12-2002 Time: 17:26:39

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.07 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05155.D Vial: 8
Acq On : 6 Mar 2002 6:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 19:26 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	779140	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	759679	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	341268	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	294685	5.85	ug/L	-0.09
Spiked Amount 5.000			Recovery =	117.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	259160	4.11	ug/L	-0.10
Spiked Amount 5.000			Recovery =	82.20%		
25) TOLUENE-D8	18.44	98	965984	5.27	ug/L	-0.09
Spiked Amount 5.000			Recovery =	105.40%		
Target Compounds						Qvalue
12) ACETONE 22	8.24	43	89261	22.39	ug/L	96
14) METHYLENE CHLORIDE	9.60	49	35438	~~0.89~~	~~ug/L~~	96
18) 2-BUTANONE (MEK)	12.00	43	5495	0.64	ug/L	60
21) CHLOROFORM 26	12.79	83	1536112	25.74	ug/L	96
33) BROMODICHLOROMETHANE 5.8	16.75	83	239017	5.83	ug/L	99
37) TOLUENE	18.61	91	6645	0.05	ug/L	95
42) DIBROMOCHLOROMETHANE .55	20.48	129	14149	0.55	ug/L	99

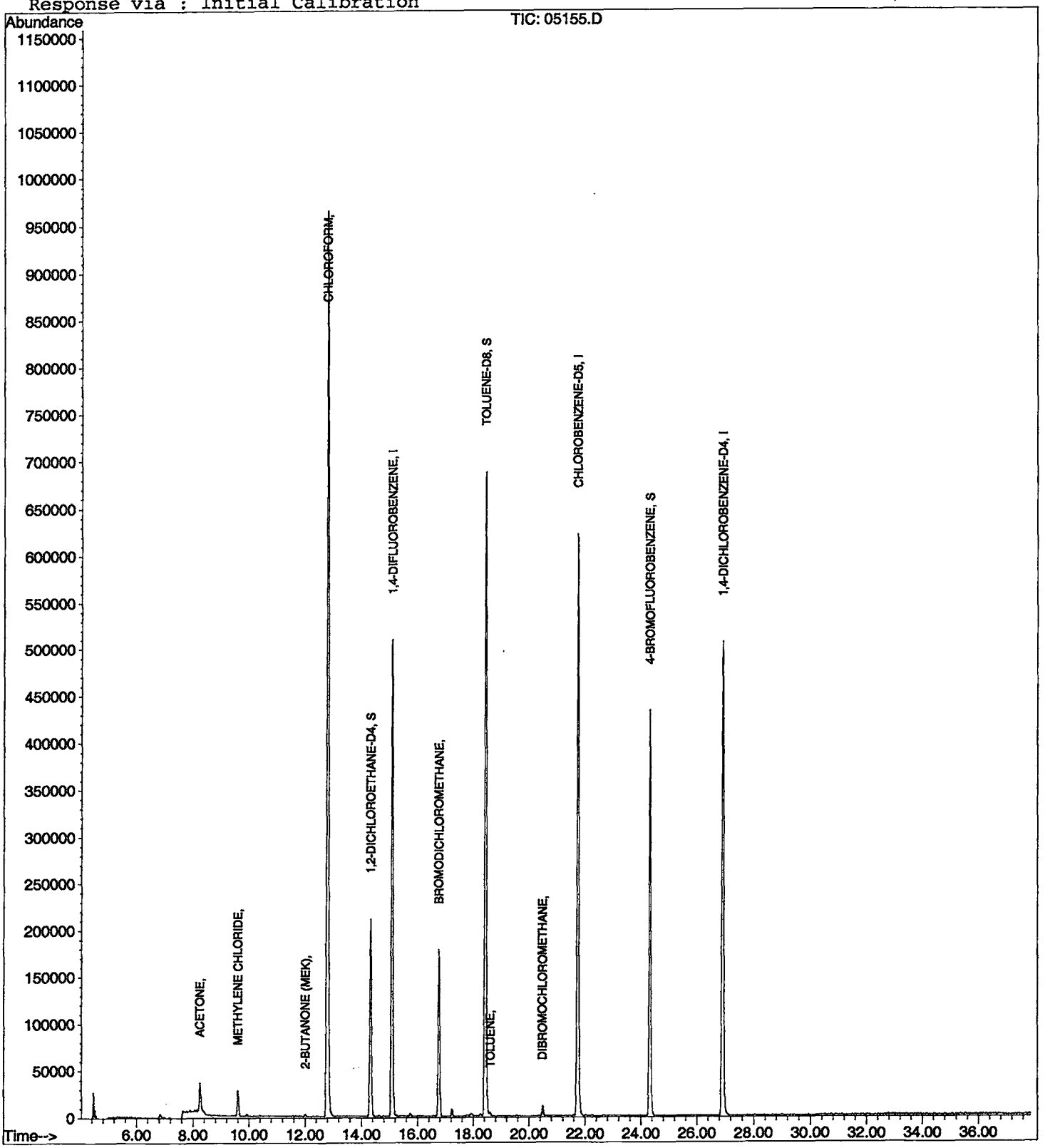
(#) = qualifier out of range (m) = manual integration
05155.D HP022702.M Wed Mar 06 19:26:41 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05155.D
Acq On : 6 Mar 2002 6:48 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 19:26 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05155.D Vial: 8
Acq On : 6 Mar 2002 6:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

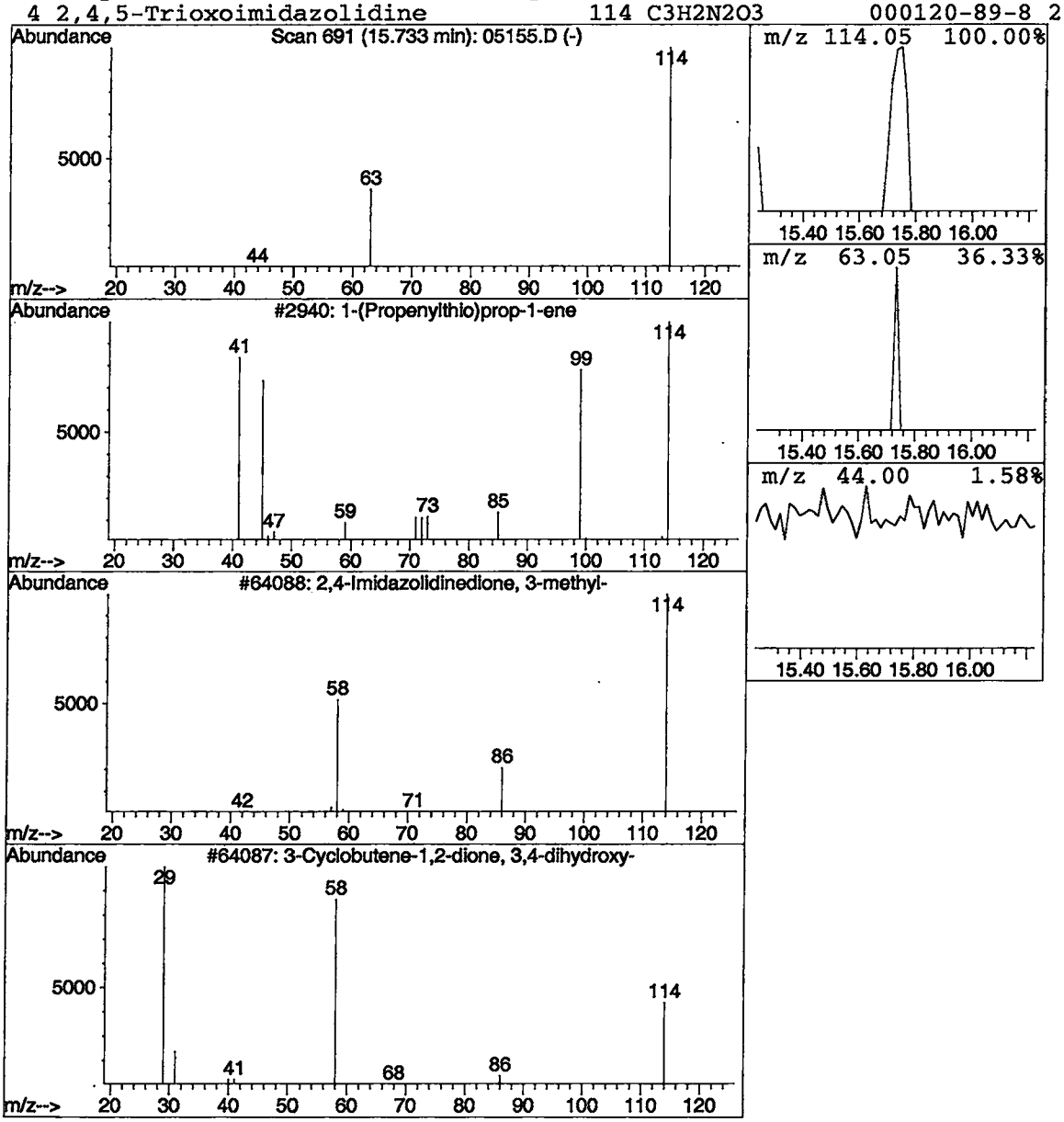
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	10560	1,4-DIFLUOROBENZENE	15.09

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05155.D Vial: 8
Acq On : 6 Mar 2002 6:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

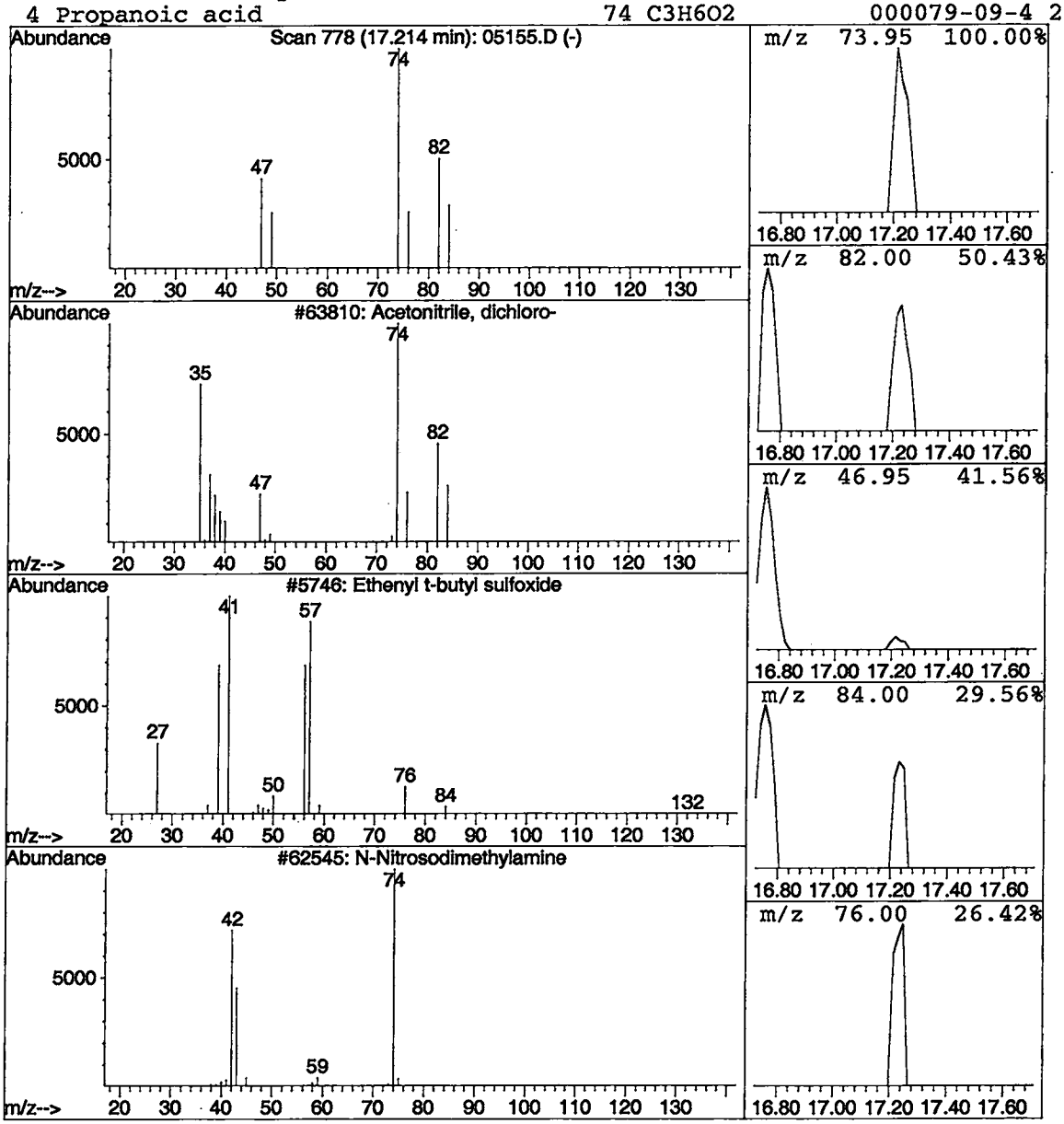
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	0.07 ug/L	26496	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	25
2	Ethenyl t-butyl sulfoxide	132	C6H12OS	000000-00-0	2
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2
4	Propanoic acid	74	C3H6O2	000079-09-4	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:59:22

Sample: AE05156
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:07 Ended: 3/6/02 00:07 Analyst: BH
Result source: a:\05156.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7	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		21	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		4.2	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 3/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:59:22

Sample: AE05156
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:07 Ended: 3/6/02 00:07 Analyst: BH
Result source: a:\05156.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 AE05156 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-12-2002 Time: 17:29:40

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.05 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05156.D Vial: 9
Acq On : 6 Mar 2002 7:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 20:09 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1118313	5.00 ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	1112787	5.00 ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	513127	5.00 ug/L	-0.09
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.32	65	413783	5.72 ug/L	-0.09
Spiked Amount 5.000			Recovery	= 114.40%	
3) 4-BROMOFLUOROBENZENE	24.31	174	391200	4.32 ug/L	-0.10
Spiked Amount 5.000			Recovery	= 86.40%	
25) TOLUENE-D8	18.44	98	1403305	5.23 ug/L	-0.09
Spiked Amount 5.000			Recovery	= 104.60%	
Target Compounds				ok	Qvalue
12) ACETONE 16	8.24	43	90137	~~15.75 ug/L~~	99
14) METHYLENE CHLORIDE	9.59	49	48270	~~0.84 ug/L~~	92
21) CHLOROFORM 21	12.80	83	1813979	21.18 ug/L	99
33) BROMODICHLOROMETHANE 4.2	16.75	83	250825	4.17 ug/L	97
37) TOLUENE	18.61	91	10997	0.06 ug/L	91
42) DIBROMOCHLOROMETHANE .36	20.50	129	13617	0.36 ug/L	97

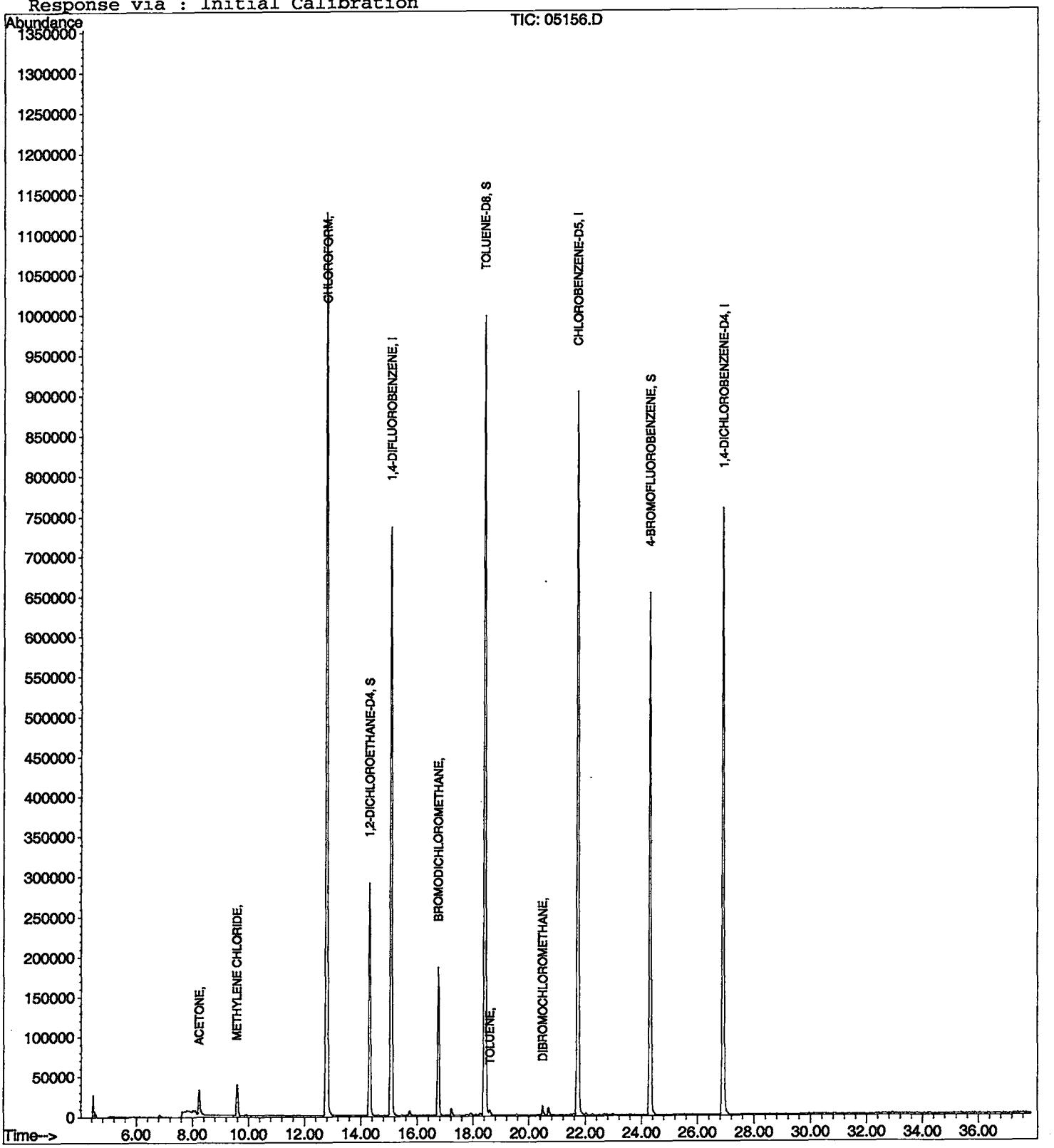
(#) = qualifier out of range (m) = manual integration
05156.D HP022702.M Wed Mar 06 20:10:06 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05156.D
Acq On : 6 Mar 2002 7:31 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 20:09 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05156.D Vial: 9
Acq On : 6 Mar 2002 7:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

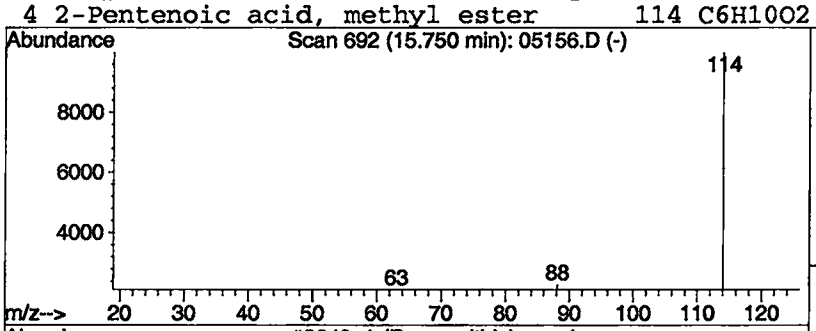
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

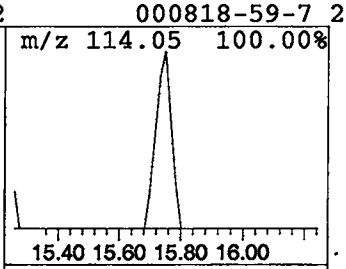
****

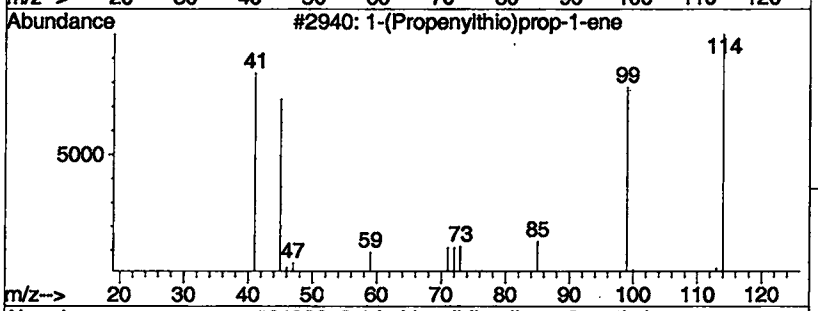
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 3

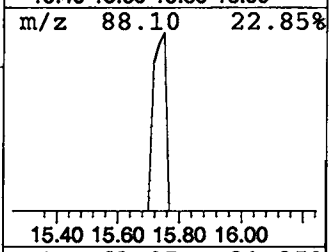
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	19528	1,4-DIFLUOROBENZENE	15.09

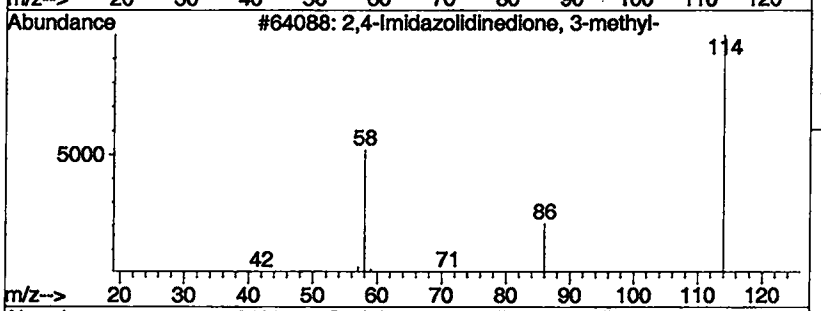
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2-Pentenoic acid, methyl ester	114	C6H10O2	000818-59-7	2

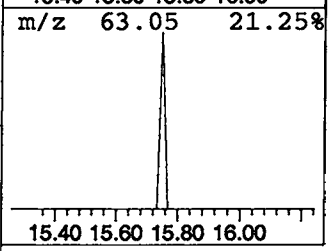


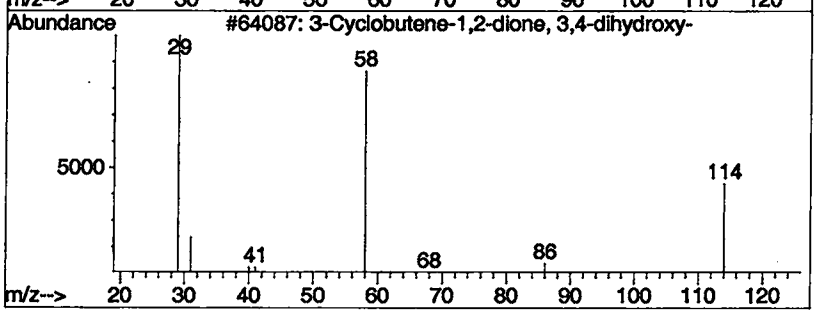












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05156.D Vial: 9
Acq On : 6 Mar 2002 7:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

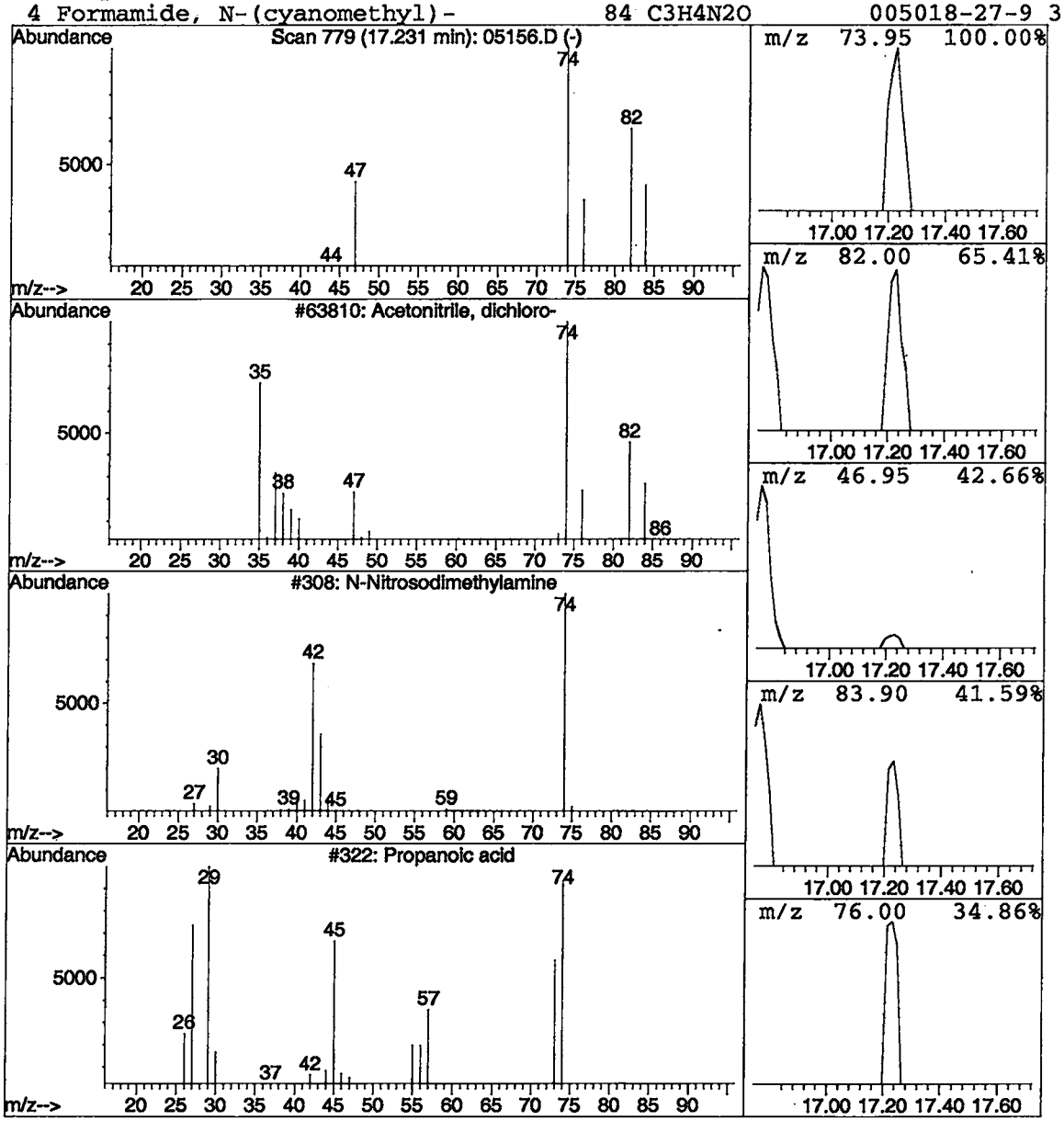
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.05 ug/L	29427	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	28
2	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
3	Propanoic acid	74	C3H6O2	000079-09-4	3
4	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05156.D Vial: 9
Acq On : 6 Mar 2002 7:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

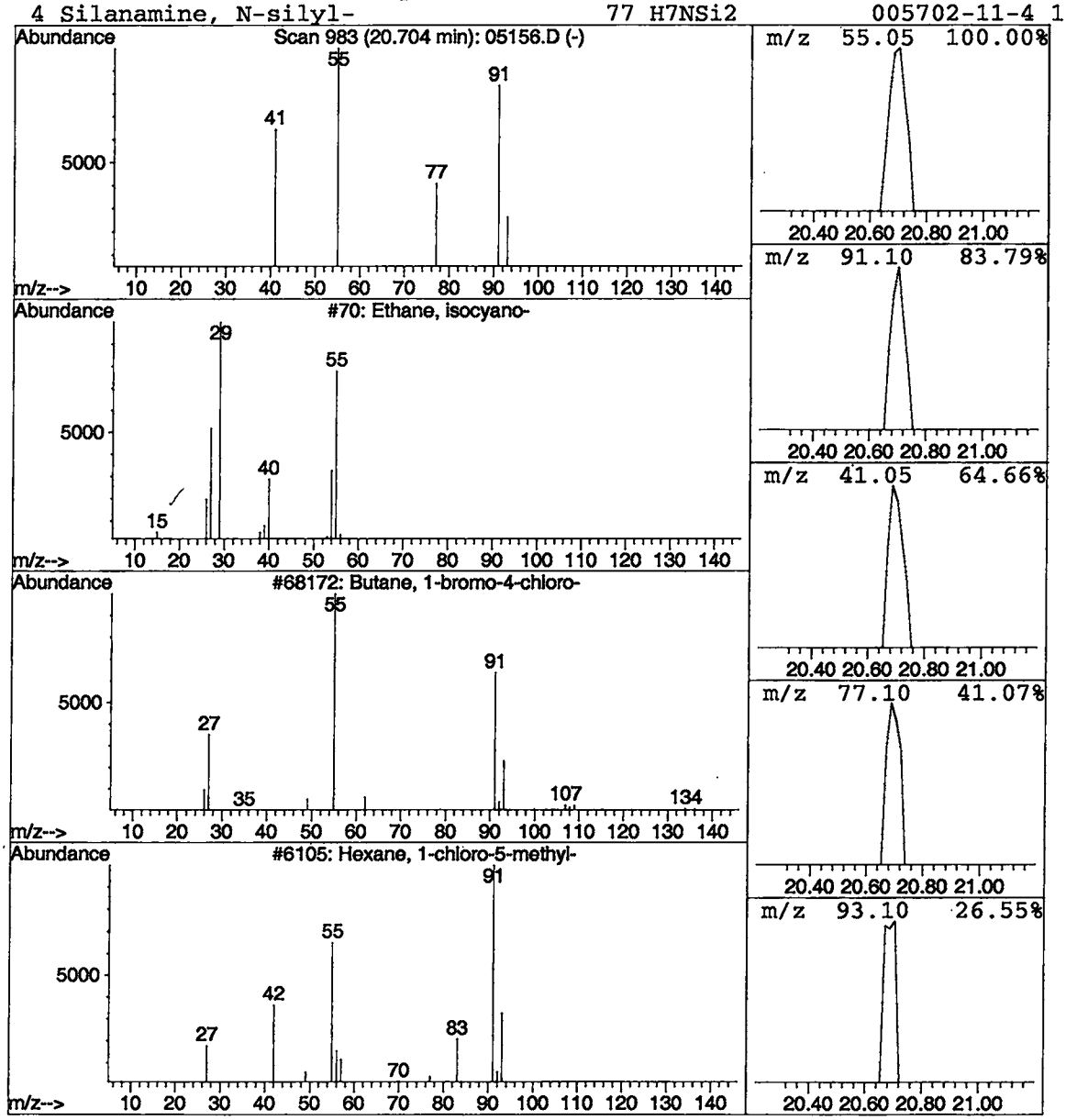
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethane, isocyano- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	0.05 ug/L	34372	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, isocyano-	55	C3H5N	000624-79-3	3
2	Butane, 1-bromo-4-chloro-	170	C4H8BrCl	006940-78-9	2
3	Hexane, 1-chloro-5-methyl-	134	C7H15Cl	033240-56-1	1
4	Silanamine, N-silyl-	77	H7NSi2	005702-11-4	1



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:59:50

Sample: AE05157
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:08 Ended: 3/6/02 00:08 Analyst: BH
Result source: a:\05157.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8	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		19	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		4.1	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 3/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:59:50

Sample: AE05157
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:08 Ended: 3/6/02 00:08 Analyst: BH
Result source: a:\05157.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 AE05157 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-12-2002 Time: 17:30:25

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.04 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05157.D Vial: 10
Acq On : 6 Mar 2002 8:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 20:53 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	976060	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	956957	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	413047	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	365743	5.79	ug/L	-0.09
Spiked Amount 5.000			Recovery =	115.80%		
3) 4-BROMOFLUOROBENZENE	24.31	174	323830	4.10	ug/L	-0.10
Spiked Amount 5.000			Recovery =	82.00%		
25) TOLUENE-D8	18.42	98	1223460	5.30	ug/L	-0.10
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
12) ACETONE 20	8.24	43	100579	20.14	ug/L	93
14) METHYLENE CHLORIDE	9.59	49	43367	~~0.87~~	~~ug/L~~	97
21) CHLOROFORM 18	12.79	83	1383791	18.51	ug/L	100
33) BROMODICHLOROMETHANE 4.1	16.75	83	211557	4.09	ug/L	99
42) DIBROMOCHLOROMETHANE .33	20.48	129	10726	0.33	ug/L	99

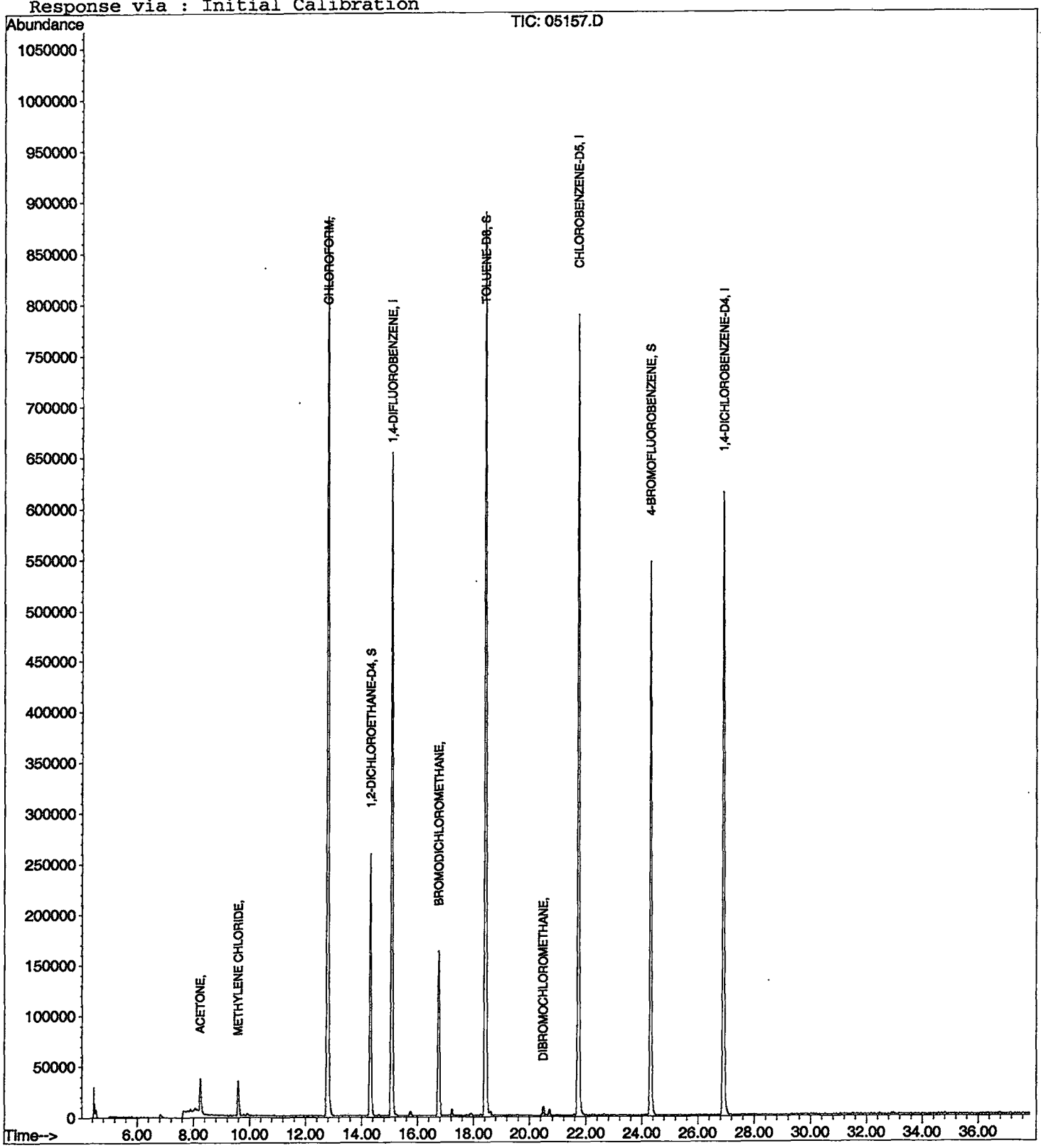
(#) = qualifier out of range (m) = manual integration
05157.D HP022702.M Wed Mar 06 20:53:44 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05157.D
Acq On : 6 Mar 2002 8:15 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 20:53 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05157.D Vial: 10
Acq On : 6 Mar 2002 8:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

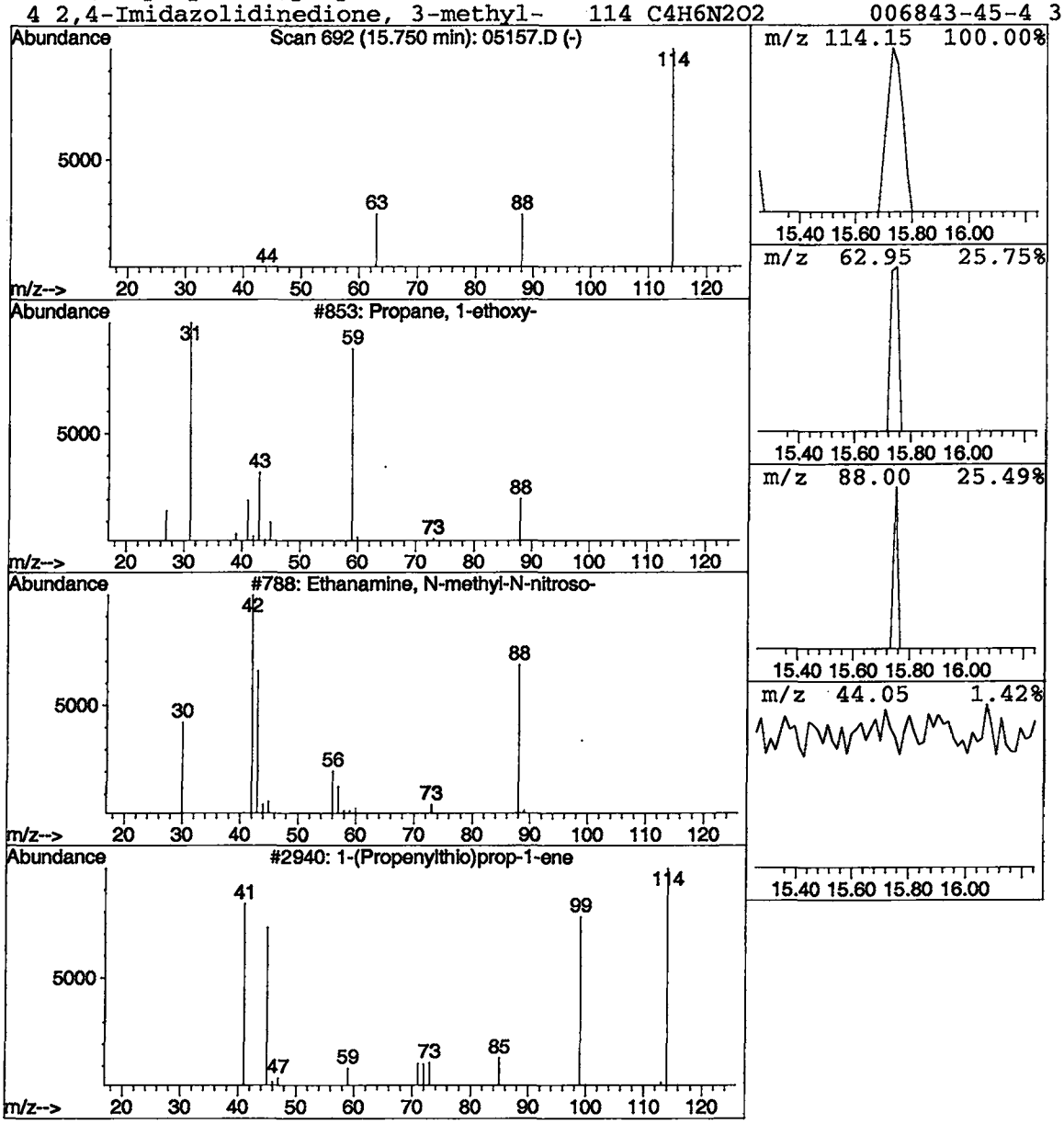
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 1-ethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	15354	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
2	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05157.D Vial: 10
Acq On : 6 Mar 2002 8:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

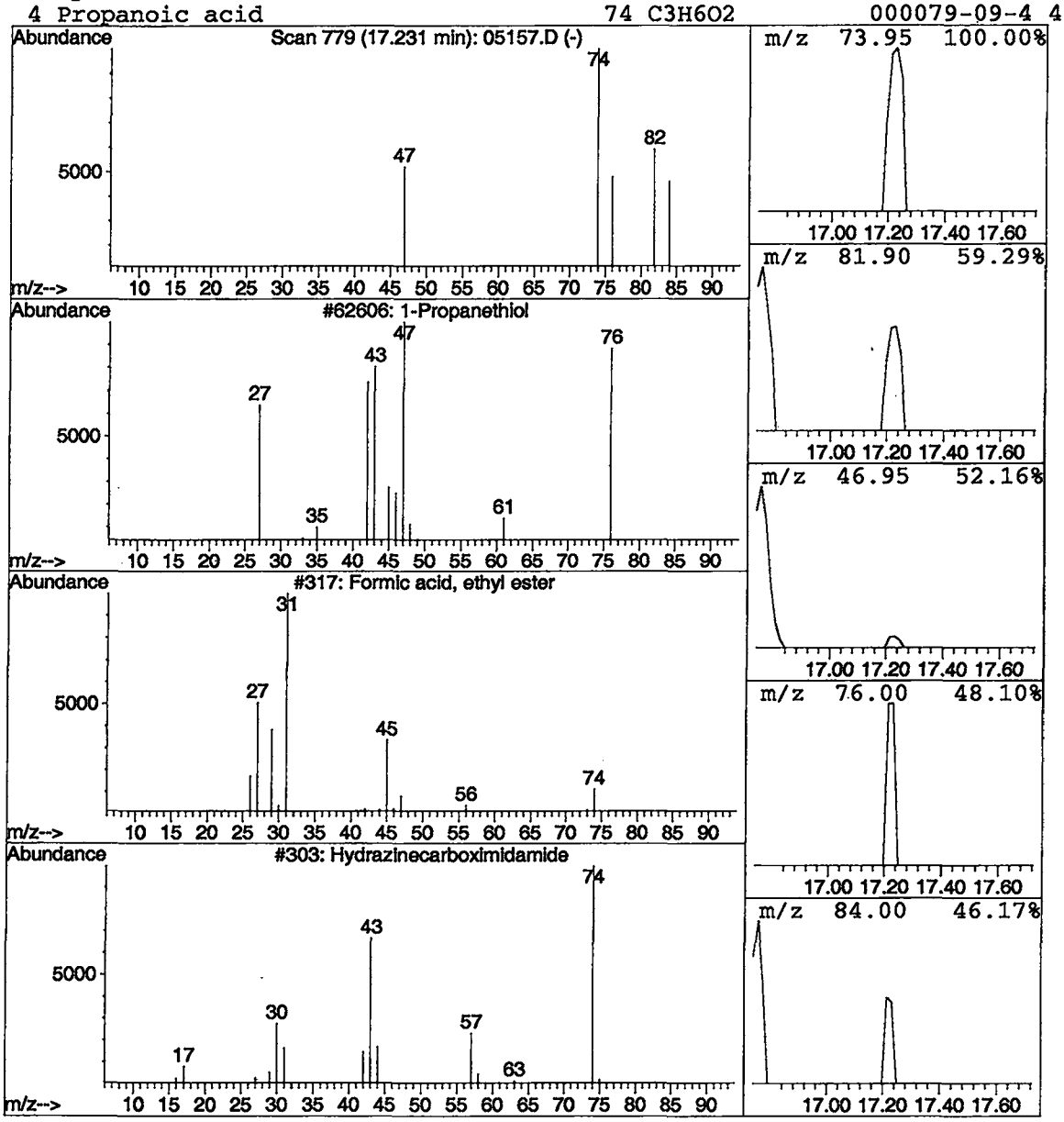
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Propanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.04 ug/L	18093	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanethiol	76	C3H8S	000107-03-9	7
2	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	5
3	Hydrazinecarboximidamide	74	CH6N4	000079-17-4	4
4	Propanoic acid	74	C3H6O2	000079-09-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05157.D Vial: 10
Acq On : 6 Mar 2002 8:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

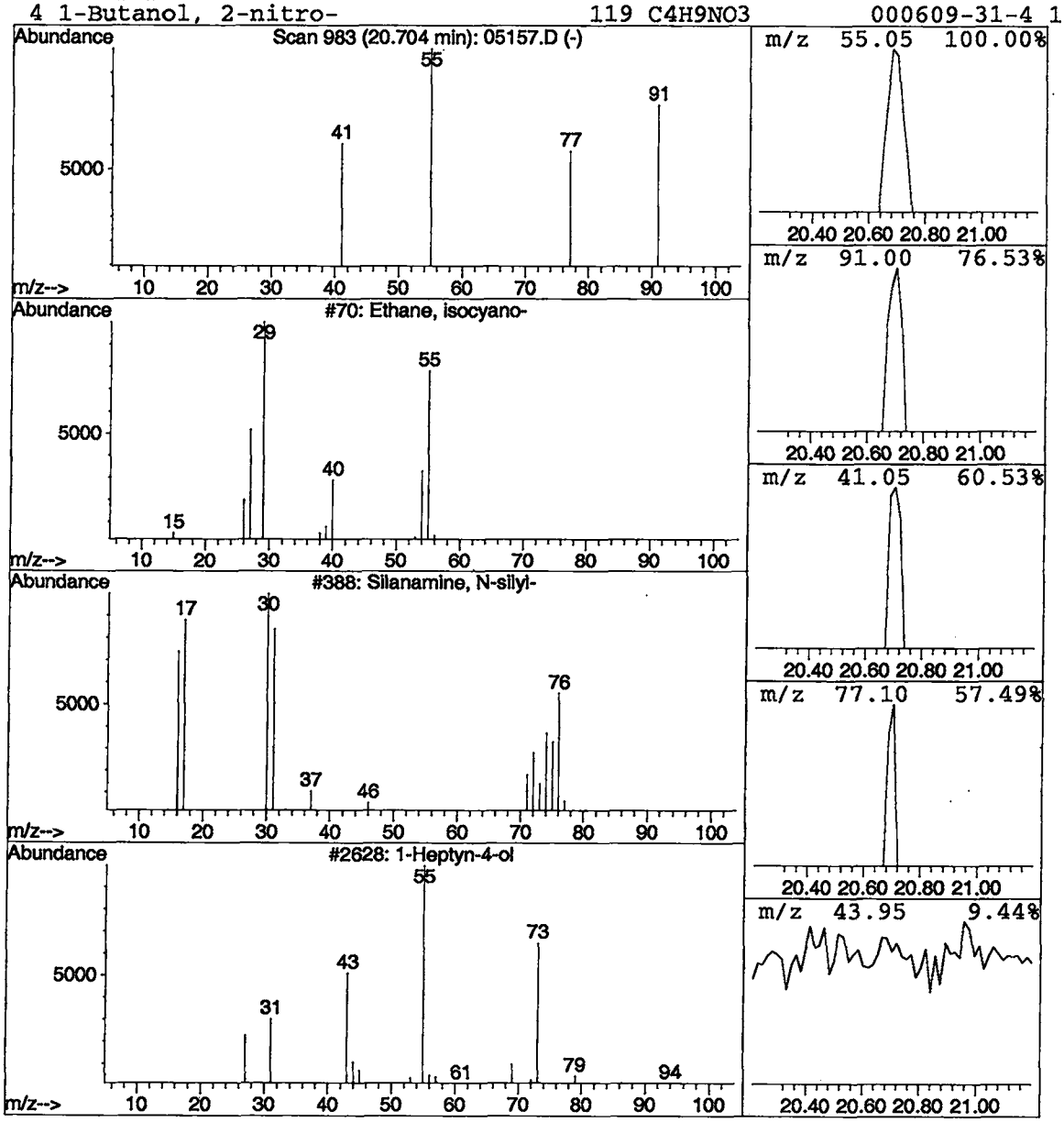
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethane, isocyano- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	0.03 ug/L	20534	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, isocyano-	55	C3H5N	000624-79-3	1
2	Silanamine, N-silyl-	77	H7NSi2	005702-11-4	1
3	1-Heptyn-4-ol	112	C7H12O	022127-83-9	1
4	1-Butanol, 2-nitro-	119	C4H9NO3	000609-31-4	1



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 17:32:35

Sample: AE05153
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/6/2002 00:08 Ended: 3/6/2002 00:08 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.9	.5
2	Surr_4-BROMOFLUOROBENZE		4.3	.5
3	Dichlorodifluoromethane		12	.5
4	Chloromethane		12	.5
5	Vinyl chloride	USPEC	20	.5
6	Bromomethane		13	.5
7	Chloroethane	USPEC	14	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene	USPEC	16	.5
10	Methylene Chloride	USPEC	15	.5
11	Methyl tert-butyl ether (MTBE)		11	1.0
12	trans-1,2-dichloroethene	USPEC	14	.5
13	1,1-dichloroethane		13	.5
14	2-butanone (MEK)		8.0	2.0
15	2,2-dichloropropane		12	.5
16	cis-1,2-dichloroethene		12	.5
17	Chloroform		13	.5
18	Bromochloromethane		12	.5
19	1,2-dichloroethane	USPEC	14	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane	USPEC	14	.5
22	1,1-dichloropropene	USPEC	15	.5
23	Carbon tetrachloride	USPEC	14	.5
24	Benzene	USPEC	14	.5
25	Trichloroethene	USPEC	14	.5
26	1,2-dichloropropane		13	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		13	.5
29	Methyl iso-butyl ketone		10	1.0
30	cis-1,3-dichloropropene		13	.5
31	Toluene	USPEC	14	.5
32	trans-1,3-dichloropropene		13	.5
33	1,1,2-trichloroethane		12	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		12	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		13	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene	USPEC	14	.5
40	P & M-xylene		26	.5
41	O-xylene	USPEC	14	.5
42	Styrene		12	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		12	2.0
45	Isopropylbenzene	USPEC	15	.5
46	1,2,3-trichloropropane		13	.5
47	N-propylbenzene	USPEC	15	.5

area of internal standards is low; therefore the target analytes are high. Since we are adding internal standards and surrogate manually, and since chloroform and bromodichloromethane are OK, I let this go.

JV
3-12-02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 17:32:35

Sample: AE05153
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/6/2002 00:08 Ended: 3/6/2002 00:08 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		13	.5
49	1,3,5-trimethylbenzene	USPEC	15	.5
50	2-chlorotoluene	USPEC	14	.5
51	4-chlorotoluene	USPEC	14	.5
52	TERT-butylbenzene	USPEC	14	.5
53	1,2,4-trimethylbenzene	USPEC	14	.5
54	SEC-butylbenzene	USPEC	15	.5
55	P-isopropyltoluene	USPEC	15	.5
56	1,3-dichlorobenzene		13	.5
57	1,4-dichlorobenzene		12	.5
58	N-butylbenzene	USPEC	15	.5
59	1,2-dichlorobenzene		13	.5
60	1,2,4-trichlorobenzene		12	.5
61	Hexachlorobutadiene	USPEC	14	.5
62	Naphthalene		9.2	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene		220	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10A.D Vial: 17
Acq On : 6 Mar 2002 8:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 21:36 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	785262	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.72	117	773104	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	362966	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	297978	5.87	ug/L	-0.09
Spiked Amount 5.000			Recovery = 117.40%			
3) 4-BROMOFLUOROBENZENE	24.31	174	273868	4.31	ug/L	-0.10
Spiked Amount 5.000			Recovery = 86.20%			
25) TOLUENE-D8	18.42	98	996944	5.35	ug/L	-0.10
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	273104	12.18	ug/L	97
5) CHLOROMETHANE	5.47	50	296026	12.46	ug/L	99
6) VINYL CHLORIDE	5.61	62	240829	19.86	ug/L	98
7) BROMOMETHANE	6.58	94	198621	13.21	ug/L	91
8) CHLOROETHANE	6.71	64	184243	14.04	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	344291	11.96	ug/L	99
12) ACETONE	8.24	43	51601	12.84	ug/L	96
13) 1,1-DICHLOROETHENE	8.60	61	544275	15.91	ug/L	97
14) METHYLENE CHLORIDE	9.59	49	596891	14.81	ug/L	96
15) METHYL TERT BUTYL ETHER	9.89	73	527831	11.43	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.25	61	627967	13.55	ug/L	93
17) 1,1-DICHLOROETHANE	11.15	63	763171	13.33	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	68459	7.96	ug/L	96
19) 2,2-DICHLOROPROPANE	12.36	77	508079	12.03	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.46	96	436201	12.38	ug/L	98
21) CHLOROFORM	12.79	83	789875	13.13	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	351466	11.86	ug/L	90
23) 1,2-DICHLOROETHANE	14.51	62	519307	13.67	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	581719	14.07	ug/L	99
27) 1,1-DICHLOROPROPENE	14.01	75	610227	15.06	ug/L	98
28) CARBON TETRACHLORIDE	14.27	117	486479	14.02	ug/L	96
29) BENZENE	14.61	78	1583906	13.82	ug/L	98
30) TRICHLOROETHENE	15.89	95	474294	14.07	ug/L	97
31) 1,2-DICHLOROPROPANE	16.24	63	429987	12.93	ug/L	99
32) DIBROMOMETHANE	16.91	174	187652	10.75	ug/L	89
33) BROMODICHLOROMETHANE	16.75	83	553639	13.26	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	132171	12.52	ug/L	95
35) METHYL ISO-BUTYL KETONE	17.32	58	59900	10.10	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.84	75	574019	12.64	ug/L	99
37) TOLUENE	18.61	91	1722283	13.67	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	430176	13.25	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.26	97	263971	12.19	ug/L	99
40) TETRACHLOROETHENE	20.04	166	435211	12.03	ug/L	94
41) 1,3-DICHLOROPROPANE	19.80	76	489630	12.34	ug/L	99
42) DIBROMOCHLOROMETHANE	20.48	129	299256	11.52	ug/L	97
43) 1,2-DIBROMOETHANE	20.94	107	254862	11.56	ug/L	98
44) CHLOROBENZENE	21.81	112	1109823	12.85	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	357023	12.46	ug/L	99
46) 2-HEXANONE	19.15	43	101417	6.72	ug/L	94
47) ETHYLBENZENE	21.84	91	2000662	13.99	ug/L	99
48) P & M-XYLENE	22.01	106	1337334	25.95	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10A.D Vial: 17
Acq On : 6 Mar 2002 8:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 21:36 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

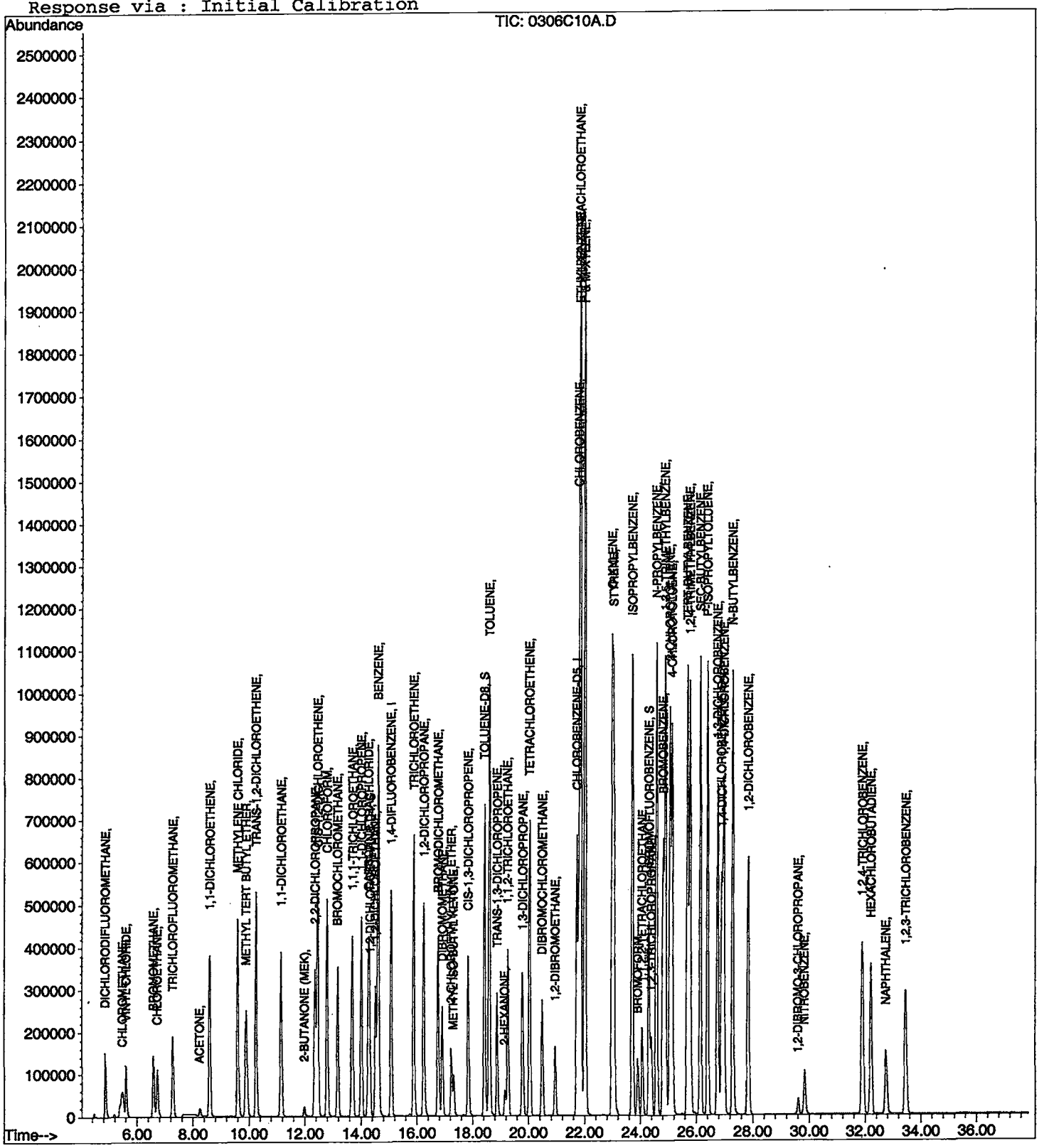
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	22.98	91	1540920	13.60	ug/L	97
50)	STYRENE	23.04	104	1052428	12.24	ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	275817	11.05	ug/L	99
53)	BROMOFORM	23.90	173	134658	11.87	ug/L	97
54)	ISOPROPYLBENZENE	23.72	105	1721666	15.02	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.40	110	77399	12.70	ug/L	96
56)	N-PROPYLBENZENE	24.58	91	2177485	14.70	ug/L	100
57)	BROMOBENZENE	24.82	156	410721	12.78	ug/L	90
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	1474791	14.98	ug/L	95
59)	2-CHLOROTOLUENE	25.06	91	1442695	14.43	ug/L	98
60)	4-CHLOROTOLUENE	25.13	91	1283509	14.49	ug/L	96
61)	TERT-BUTYLBENZENE	25.69	119	1335812	14.30	ug/L	94
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	1494357	14.43	ug/L	94
63)	SEC-BUTYLBENZENE	26.15	105	1865021	14.85	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.41	119	1473926	14.92	ug/L	96
65)	1,3-DICHLOROBENZENE	26.76	146	780411	12.78	ug/L	97
66)	1,4-DICHLOROBENZENE	26.99	146	774015	12.39	ug/L	98
67)	N-BUTYLBENZENE	27.29	91	1527112	14.95	ug/L	99
68)	1,2-DICHLOROBENZENE	27.84	146	656235	12.58	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	33653	11.69	ug/L	99
70)	1,2,4-TRICHLOROBENZENE	31.91	180	390464	11.82	ug/L	97
71)	HEXACHLOROBUTADIENE	32.21	225	201358	13.54	ug/L	96
72)	NAPHTHALENE	32.74	128	383640	9.23	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.45	180	312047	11.57	ug/L	99
74)	NITROBENZENE	29.83	77	160701	221.08	ug/L	93

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10A.D Vial: 17
Acq On : 6 Mar 2002 8:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 21:36 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306B3.D Vial: 18
Acq On : 6 Mar 2002 9:41 pm Operator: 201-wb
Sample : Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 22:20 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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

not IS/surr added

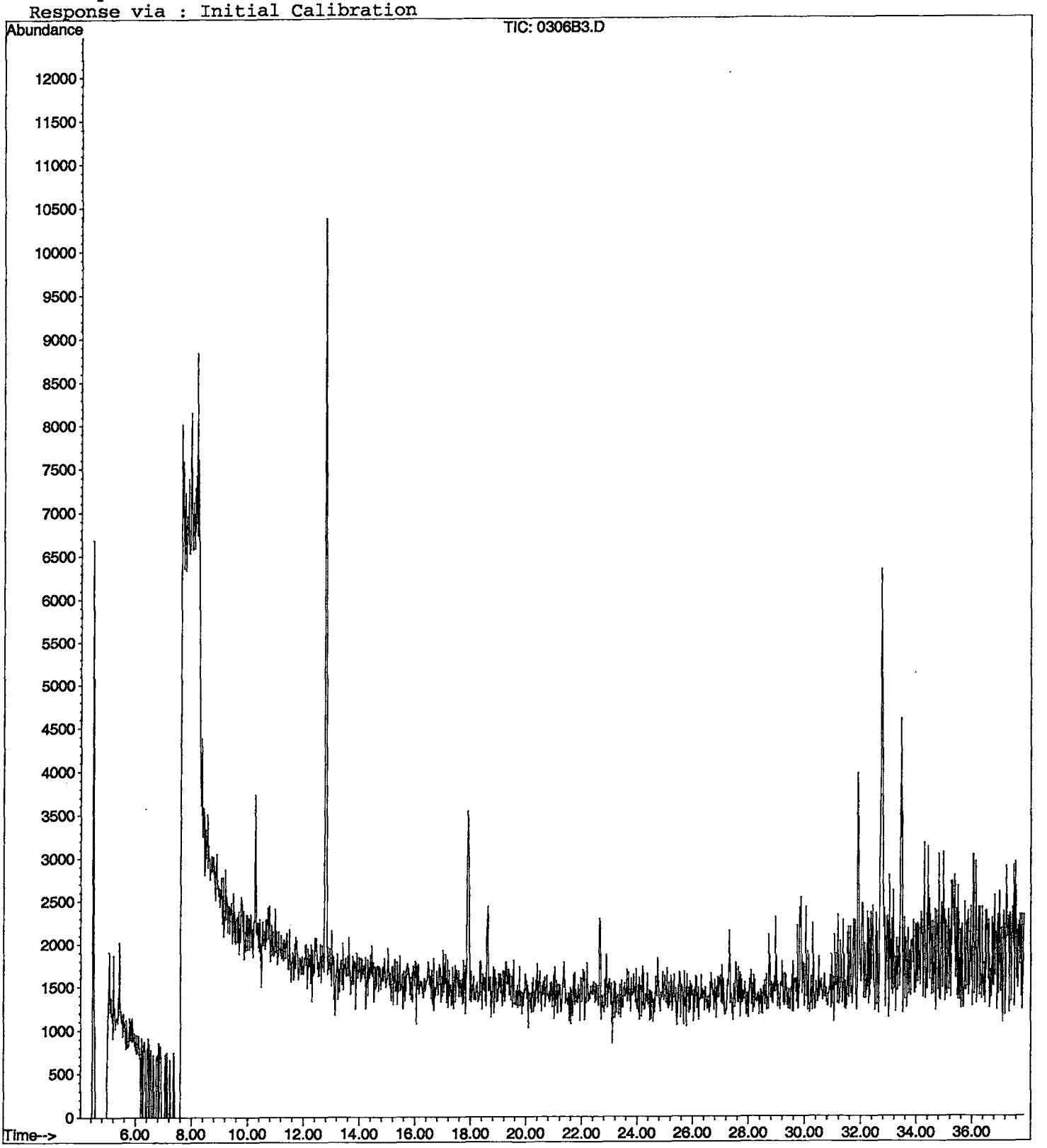
(#) = qualifier out of range (m) = manual integration
0306B3.D HP022702.M Wed Mar 06 22:20:28 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0306B3.D
Acq On : 6 Mar 2002 9:41 pm
Sample :
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 22:20 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 12:03:34

Sample: AE04805
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/6/02 00:00 Ended: 3/6/02 00:00 Analyst: BH
Result source: a:\4805f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.5		.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		5.3		.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: 03/08/2002 Time: 12:03:34

Sample: AE04805
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/6/02 00:00 Ended: 3/6/02 00:00 Analyst: BH
Result source: a:\4805f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\4805F.D Vial: 19
Acq On : 6 Mar 2002 10:25 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 23:03 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1329430	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.73	117	1301943	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	581688	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	476803	5.55	ug/L	-0.09
Spiked Amount 5.000			Recovery =	111.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	448928	4.17	ug/L	-0.10
Spiked Amount 5.000			Recovery =	83.40%		
25) TOLUENE-D8	18.42	98	1655896	5.27	ug/L	-0.10
Spiked Amount 5.000			Recovery =	105.40%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	102793	15.11	ug/L	94
14) METHYLENE CHLORIDE	9.59	49	60016	0.88	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	2309	0.16	ug/L	60

(#) = qualifier out of range (m) = manual integration
4805F.D HP022702.M Wed Mar 06 23:03:55 2002 Page 1

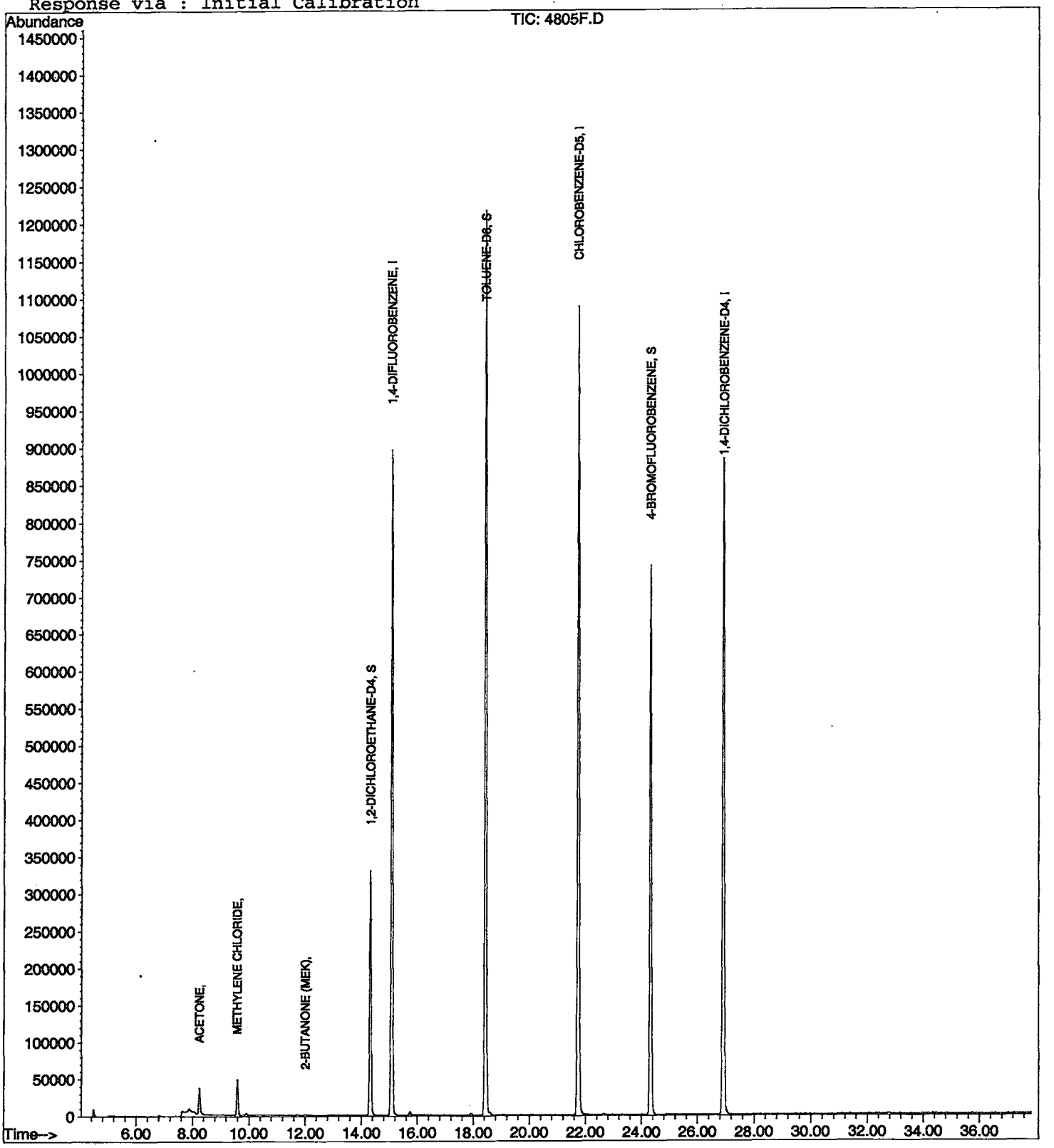
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\4805F.D
Acq On : 6 Mar 2002 10:25 pm
Sample : fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 23:03 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\4805F.D Vial: 19
Acq On : 6 Mar 2002 10:25 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

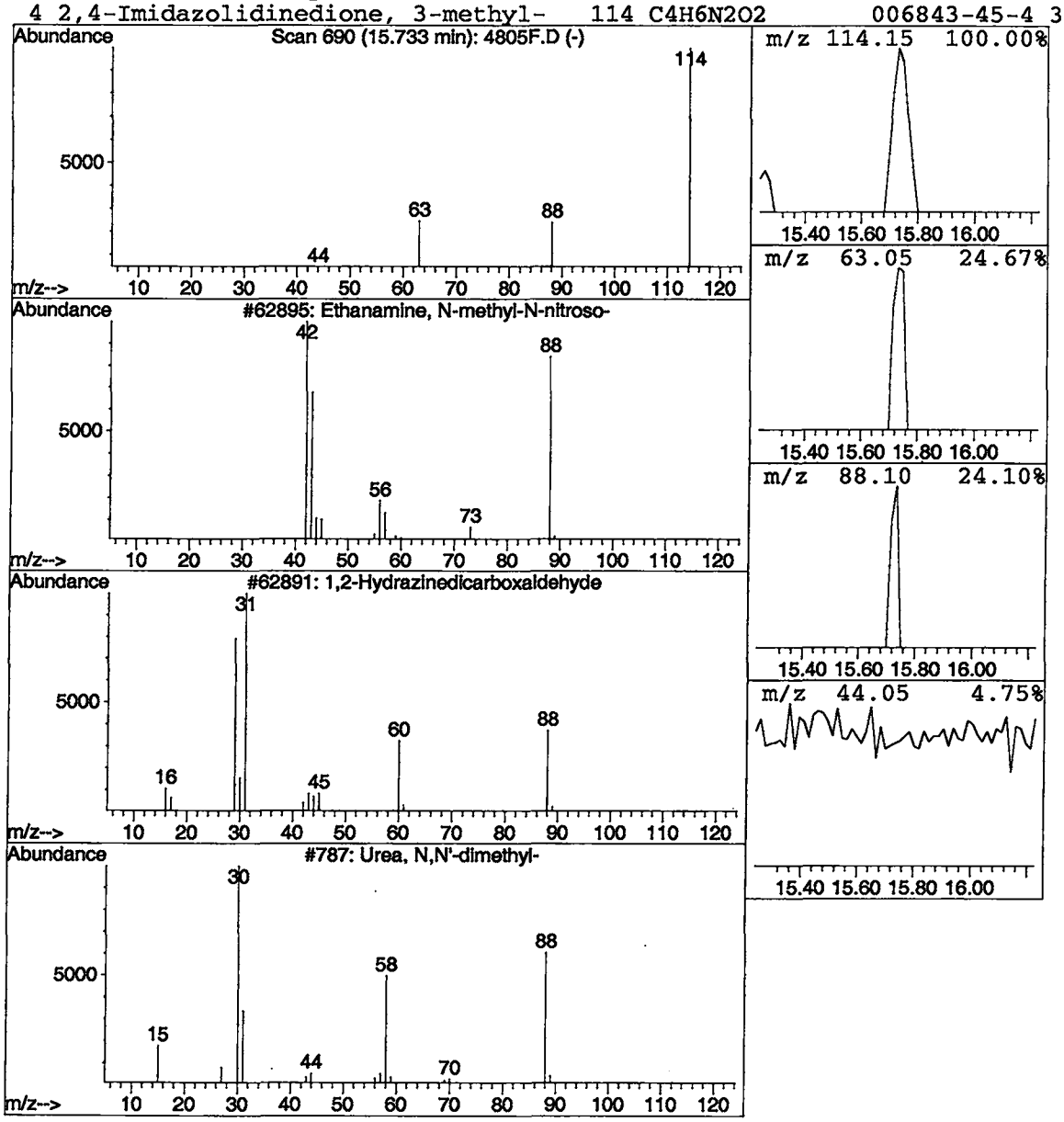
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	20435	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
3	Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:00:14

Sample: AE05158
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:01 Ended: 3/6/02 00:01 Analyst: BH
Result source: a:\05158.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7	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		25	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		8.3	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	Tetrachioroethene		< 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 3/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:00:14

Sample: AE05158
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:01 Ended: 3/6/02 00:01 Analyst: BH
Result source: a:\05158.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 AE05158 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-13-2002 Time: 10:48:15

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.07 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05158.D Vial: 11
Acq On : 6 Mar 2002 11:08 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 6 23:47 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1094528	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.72	117	1078148	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	463212	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	401348	5.67	ug/L	-0.09
Spiked Amount 5.000			Recovery =	113.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	366394	4.13	ug/L	-0.10
Spiked Amount 5.000			Recovery =	82.60%		
25) TOLUENE-D8	18.42	98	1379527	5.31	ug/L	-0.10
Spiked Amount 5.000			Recovery =	106.20%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	27560	~~4.92~~	~~ug/L~~	94
14) METHYLENE CHLORIDE	9.59	49	46820	~~0.83~~	~~ug/L~~	96
21) CHLOROFORM 25	12.79	83	2074055	24.74	ug/L	100
33) BROMODICHLOROMETHANE 8.3	16.75	83	482758	8.29	ug/L	99
42) DIBROMOCHLOROMETHANE .94	20.48	129	34020	0.94	ug/L	97

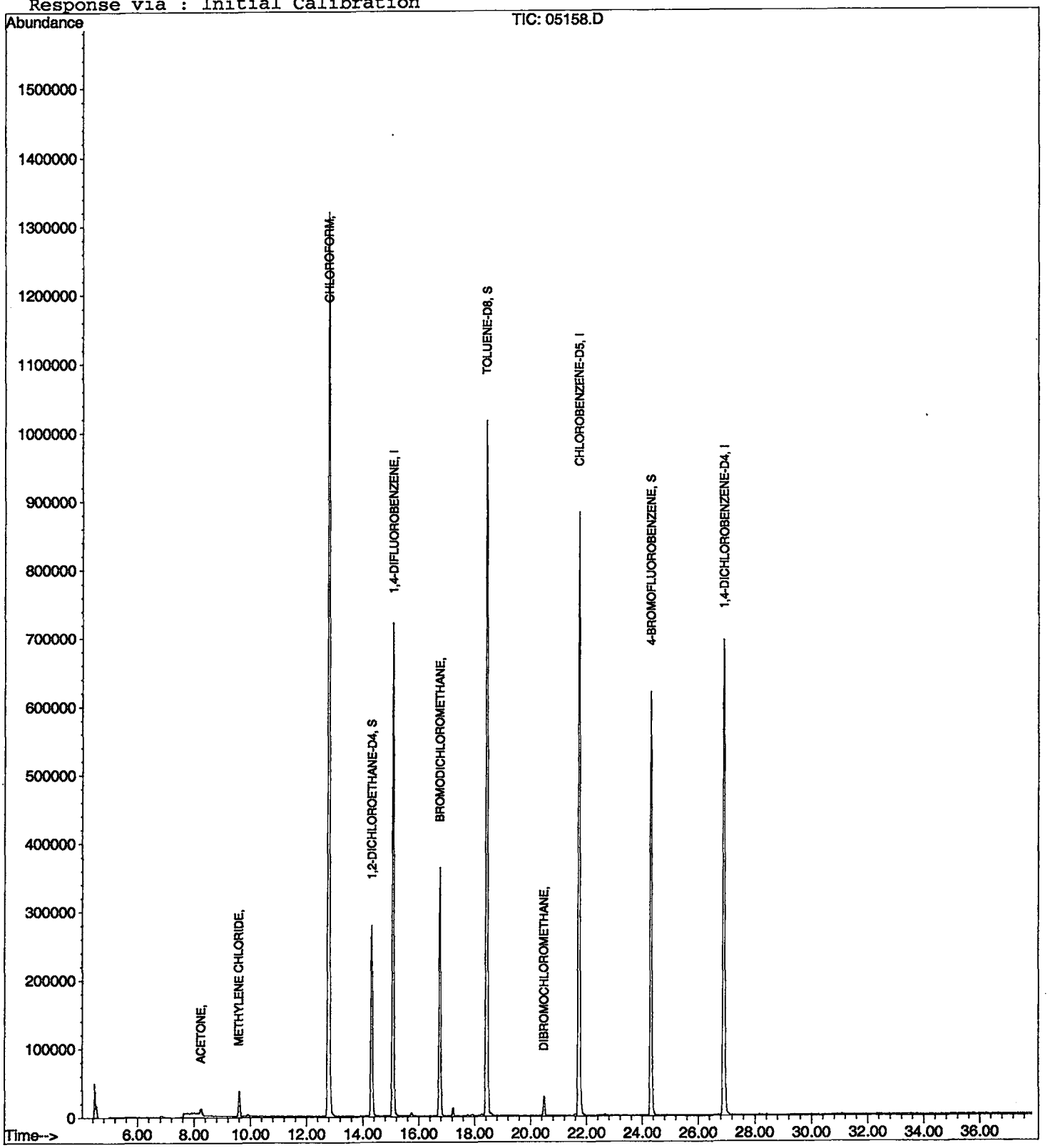
(#) = qualifier out of range (m) = manual integration
05158.D HP022702.M Wed Mar 06 23:47:26 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05158.D
Acq On : 6 Mar 2002 11:08 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 6 23:47 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05158.D Vial: 11
Acq On : 6 Mar 2002 11:08 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

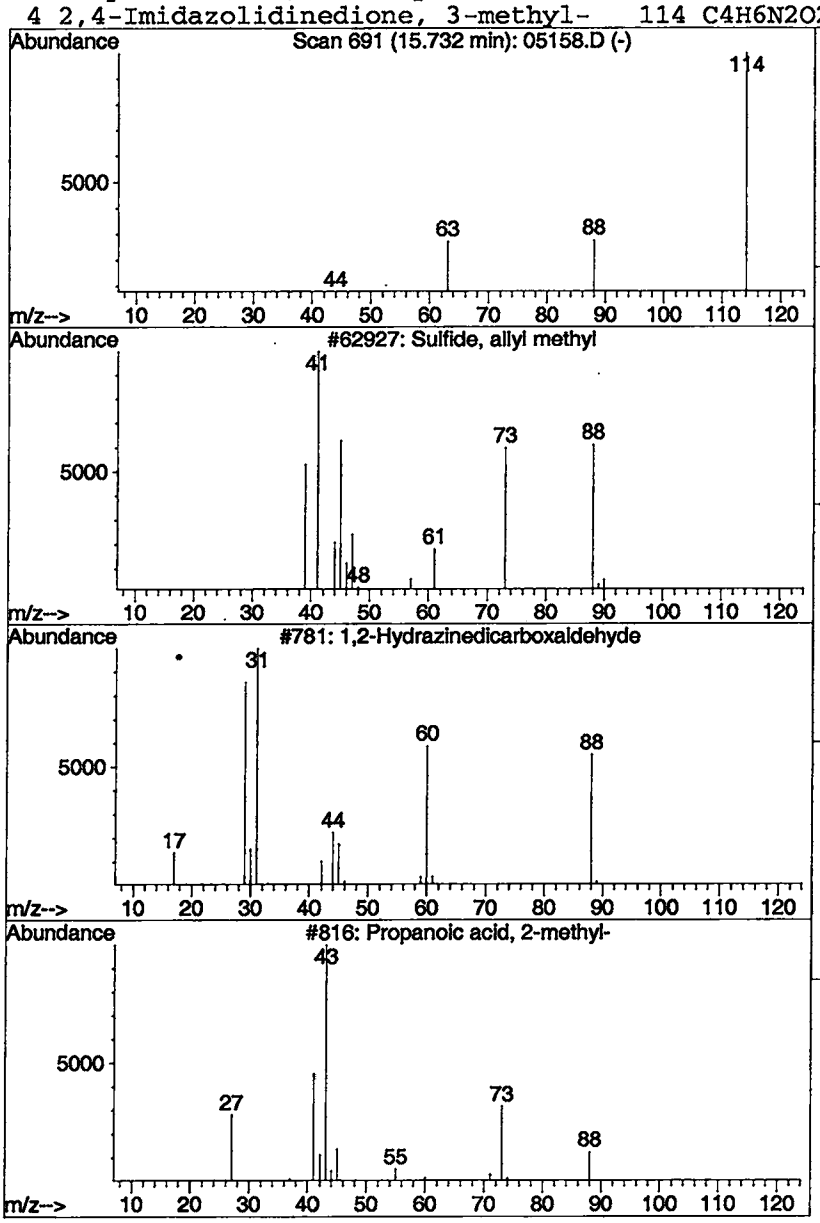
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

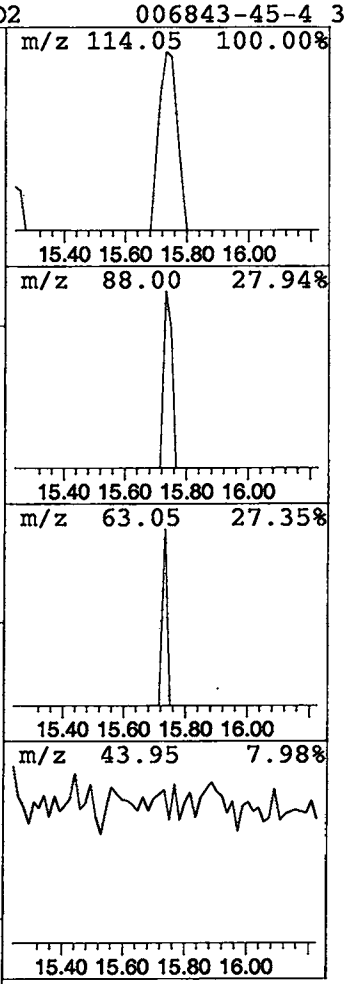
****

Peak Number 1 Sulfide, allyl methyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	16361	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05158.D Vial: 11
Acq On : 6 Mar 2002 11:08 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

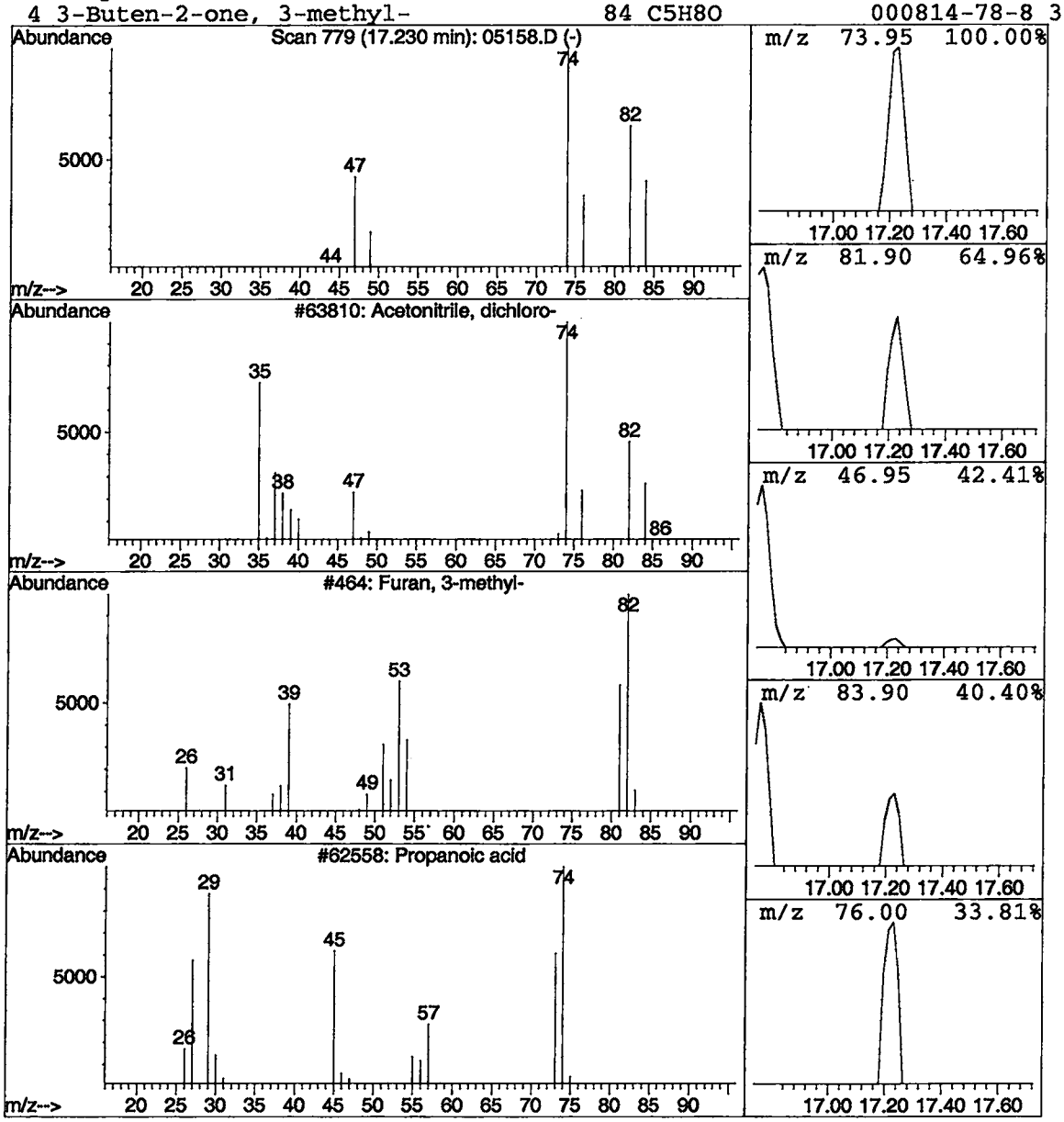
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.07 ug/L	38840	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	43
2	Furan, 3-methyl-	82	C5H6O	000930-27-8	4
3	Propanoic acid	74	C3H6O2	000079-09-4	3
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:00:40

Sample: AE05159
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:01 Ended: 3/6/02 00:01 Analyst: BH
Result source: a:\05159.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8	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		25	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		8.3	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 3/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:00:40

Sample: AE05159
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/6/02 00:01 Ended: 3/6/02 00:01 Analyst: BH
Result source: a:\05159.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 AE05159 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-13-2002 Time: 10:51:35

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.08 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05159.D Vial: 12
Acq On : 6 Mar 2002 11:52 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 0:30 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

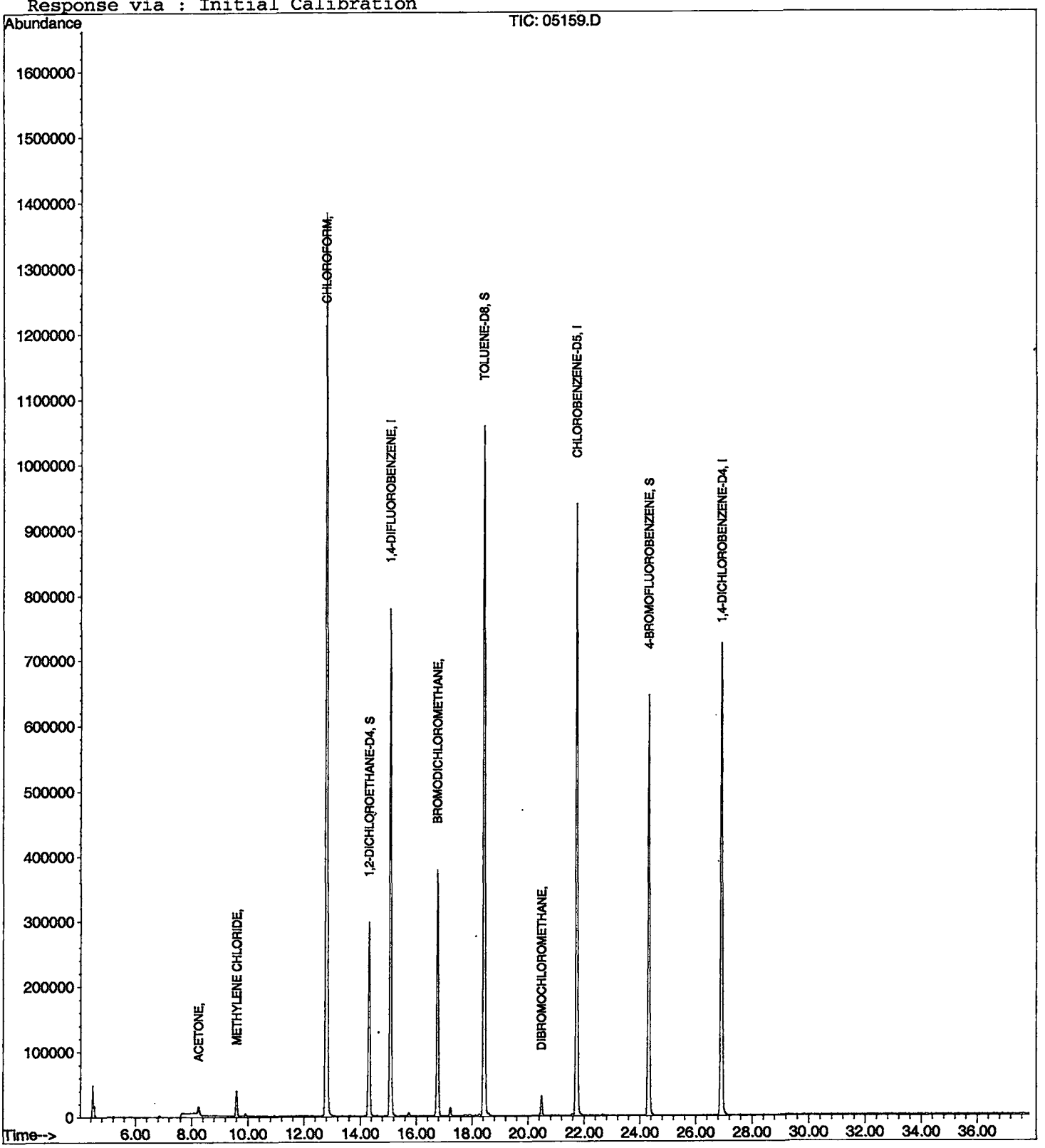
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1150734	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.73	117	1127855	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	480321	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	432814	5.82	ug/L	-0.09
Spiked Amount 5.000			Recovery =	116.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	380665	4.09	ug/L	-0.10
Spiked Amount 5.000			Recovery =	81.80%		
25) TOLUENE-D8	18.42	98	1442361	5.30	ug/L	-0.10
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	33148	~~5.63~~	~~ug/L~~	98
14) METHYLENE CHLORIDE	9.60	49	49585	~~0.84~~	~~ug~~/L	96
21) CHLOROFORM 2T	12.79	83	2167775	24.60	ug/L	100
33) BROMODICHLOROMETHANE 9.3	16.75	83	507946	8.34	ug/L	96
42) DIBROMOCHLOROMETHANE 9T	20.48	129	36752	0.97	ug/L	95

(#) = qualifier out of range (m) = manual integration
05159.D HP022702.M Thu Mar 07 00:30:44 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05159.D Vial: 12
Acq On : 6 Mar 2002 11:52 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 0:30 2002 Quant Results File: HP022702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Comments for Sample AE05161 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-13-2002 Time: 10:52:18

Dichloroacetonitrile is present in this sample as a 524.2 TIC. The estimated concentration is 0.03 ug/L.

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05159.D Vial: 12
Acq On : 6 Mar 2002 11:52 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

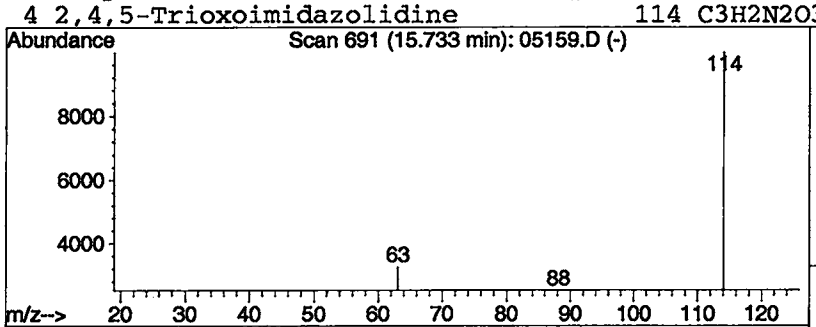
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

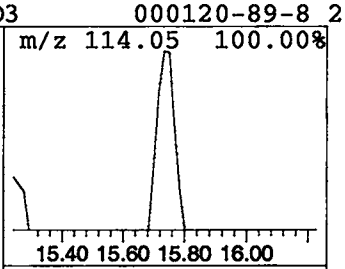
****

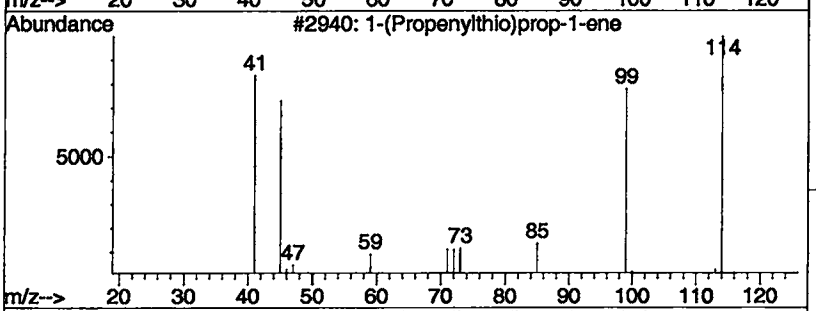
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 2

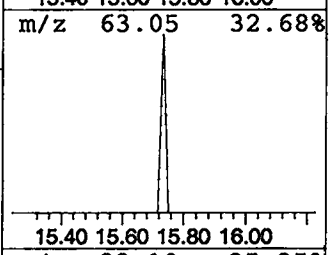
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	17512	1,4-DIFLUOROBENZENE	15.07

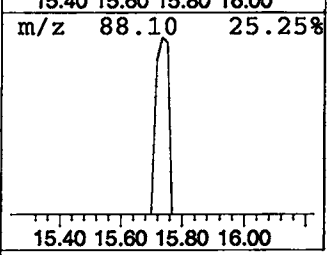
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

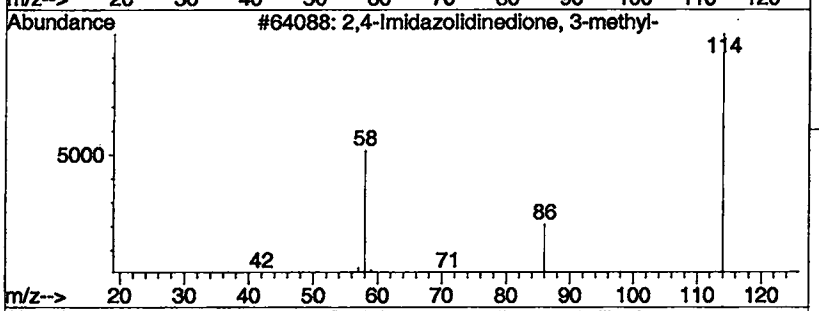


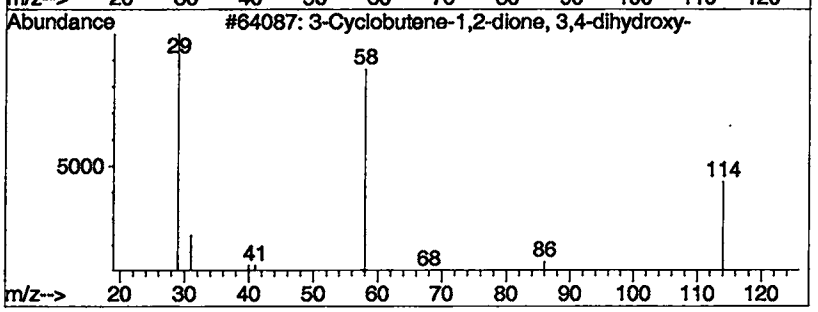












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05159.D Vial: 12
Acq On : 6 Mar 2002 11:52 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

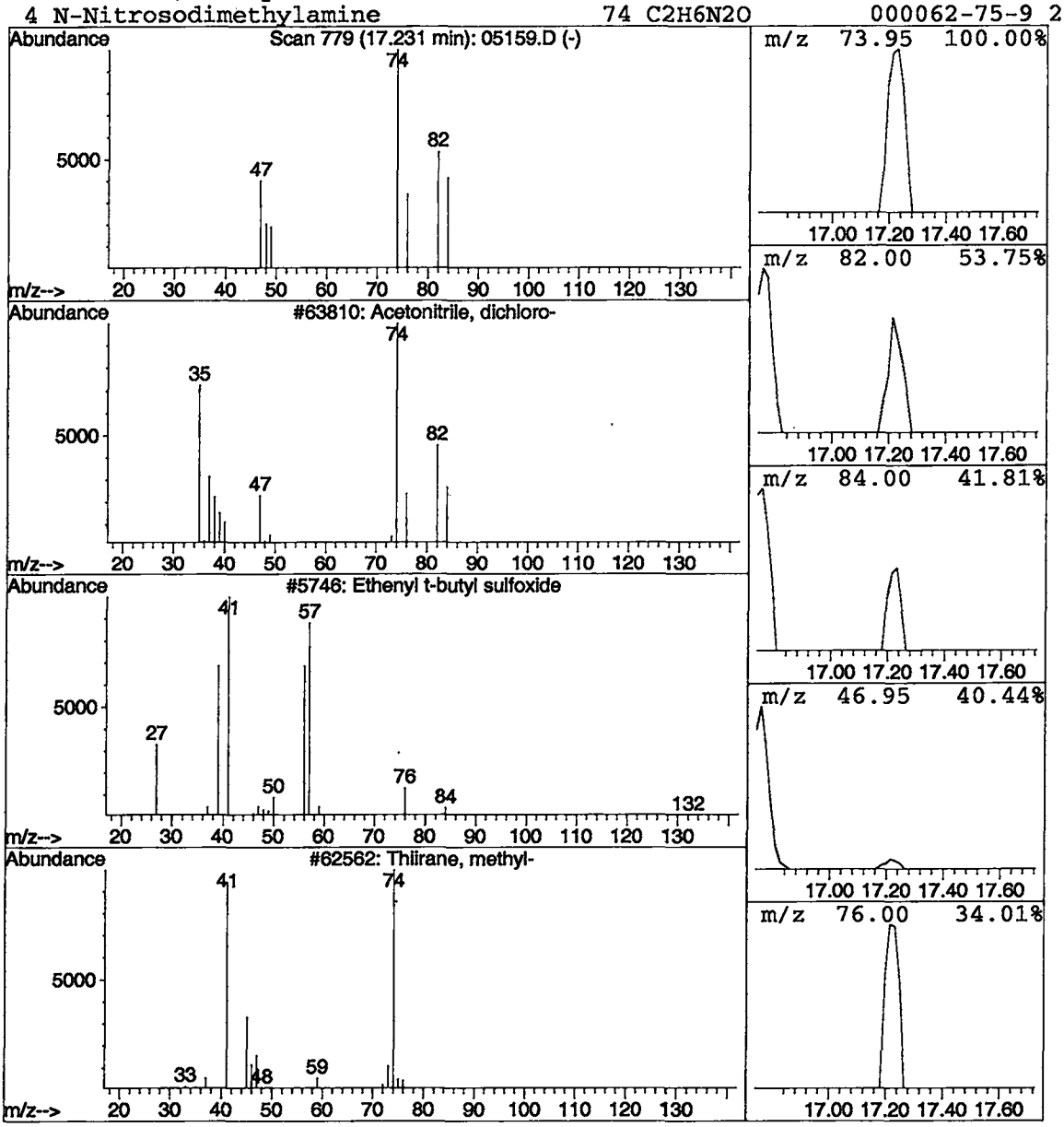
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.08 ug/L	46582	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	8
2	Ethenyl t-butyl sulfoxide	132	C6H12OS	000000-00-0	2
3	Thiirane, methyl-	74	C3H6S	001072-43-1	2
4	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:11:04

Sample: AE05161
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/7/02 00:01 Ended: 3/7/02 00:01 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8	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		19	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		3.8	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 3/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:11:04

Sample: AE05161
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/7/02 00:01 Ended: 3/7/02 00:01 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\05161.D Vial: 14
Acq On : 7 Mar 2002 1:18 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 1:57 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1160945	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	1145302	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	468244	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	438655	5.84	ug/L	-0.09
Spiked Amount 5.000			Recovery	= 116.80%		
3) 4-BROMOFLUOROBENZENE	24.31	174	381540	4.06	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 81.20%		
25) TOLUENE-D8	18.42	98	1463379	5.30	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 106.00%		
Target Compounds						Qvalue
12) ACETONE 2λ	8.24	43	134108	22.58	ug/L	95
14) METHYLENE CHLORIDE	9.60	49	51084	~~-0.86~~	ug/L	96
21) CHLOROFORM 1q	12.79	83	1697586	19.09	ug/L	100
33) BROMODICHLOROMETHANE 3.1	16.75	83	232383	3.76	ug/L	95
42) DIBROMOCHLOROMETHANE 3λ	20.48	129	12167	0.32	ug/L	96

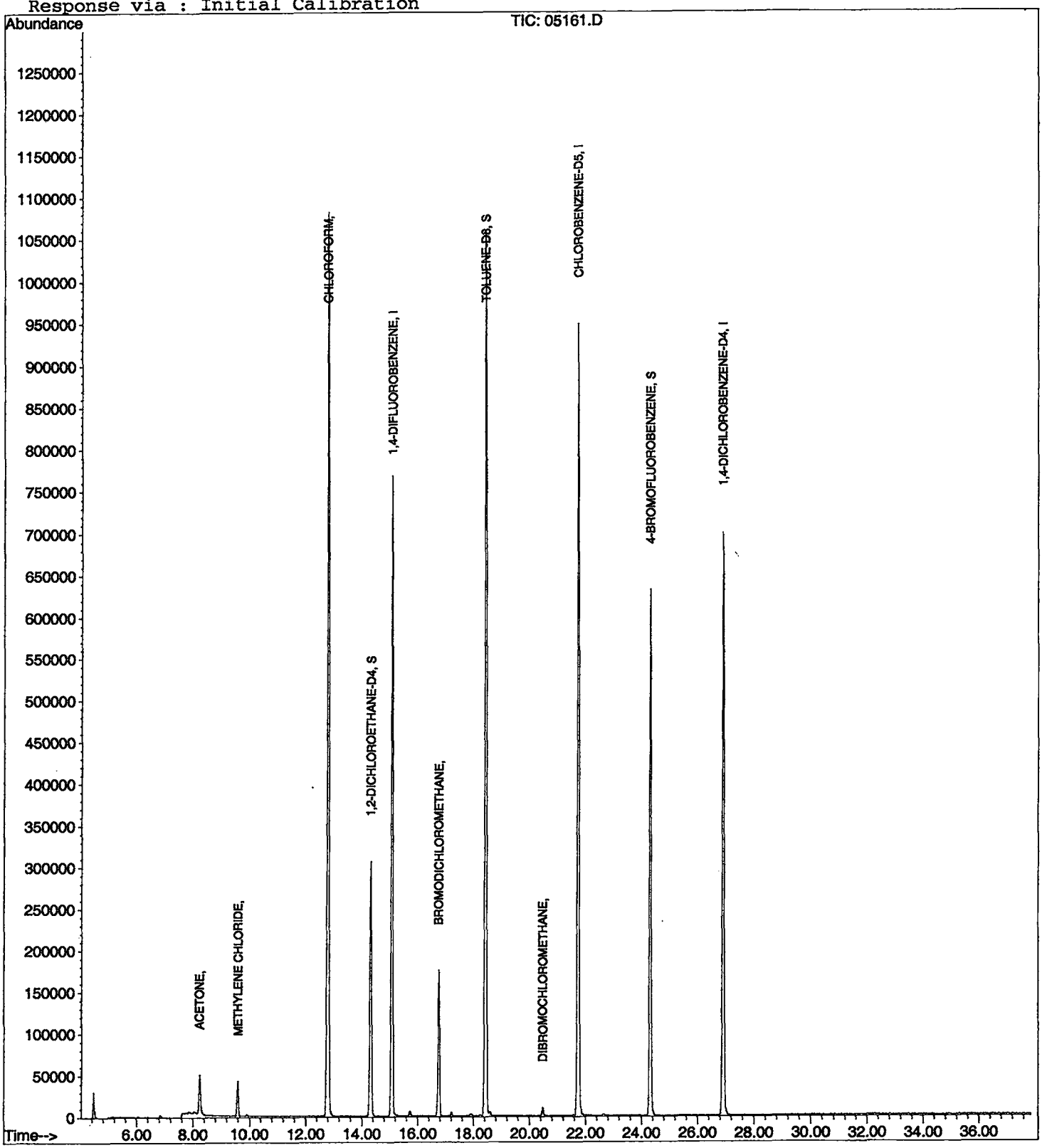
(#) = qualifier out of range (m) = manual integration
05161.D HP022702.M Thu Mar 07 01:57:24 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\05161.D
Acq On : 7 Mar 2002 1:18 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 7 1:57 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05161.D Vial: 14
Acq On : 7 Mar 2002 1:18 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

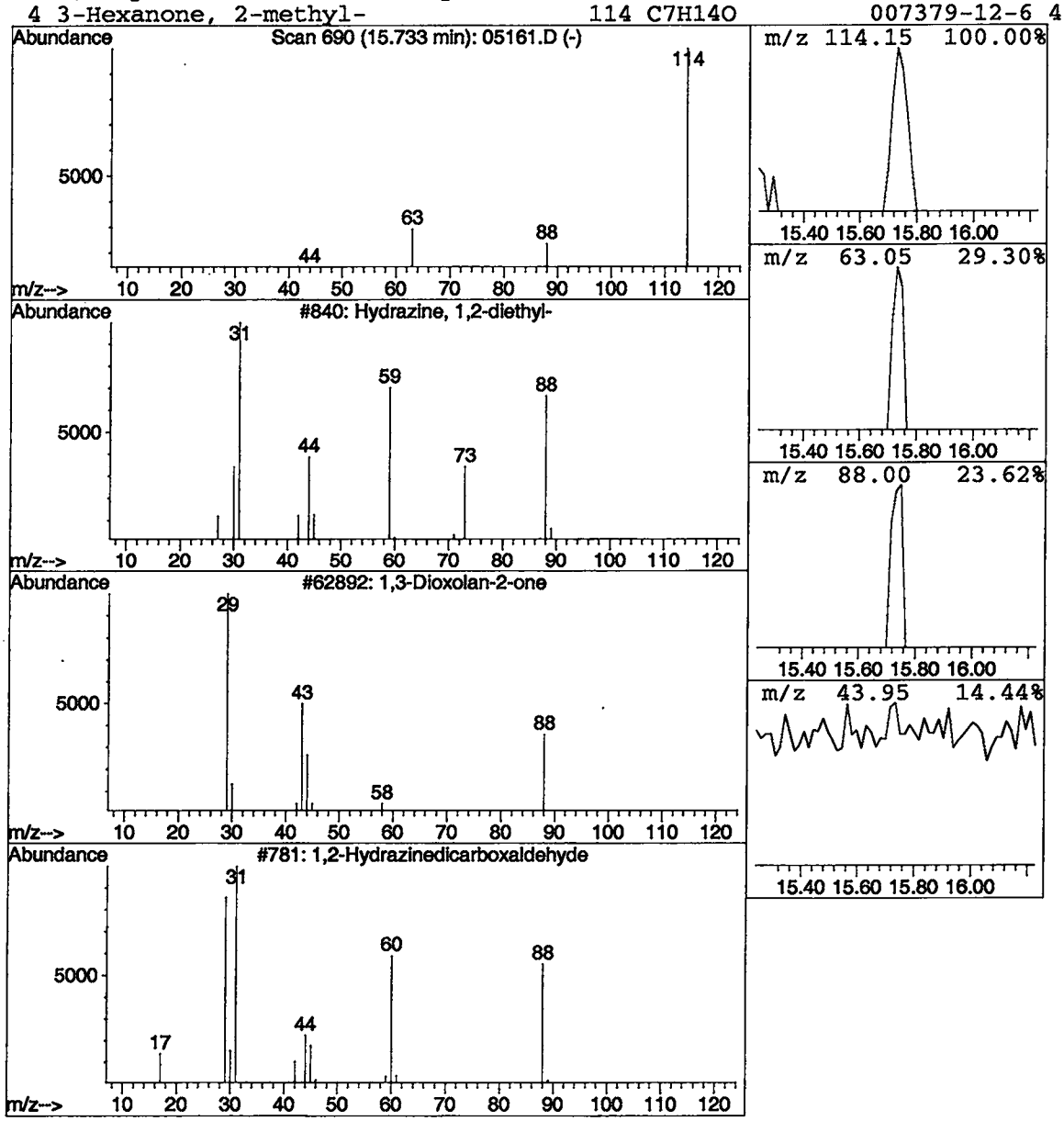
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	19705	1,4-DIFLUOROBENZENE	15.09

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\05161.D Vial: 14
Acq On : 7 Mar 2002 1:18 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

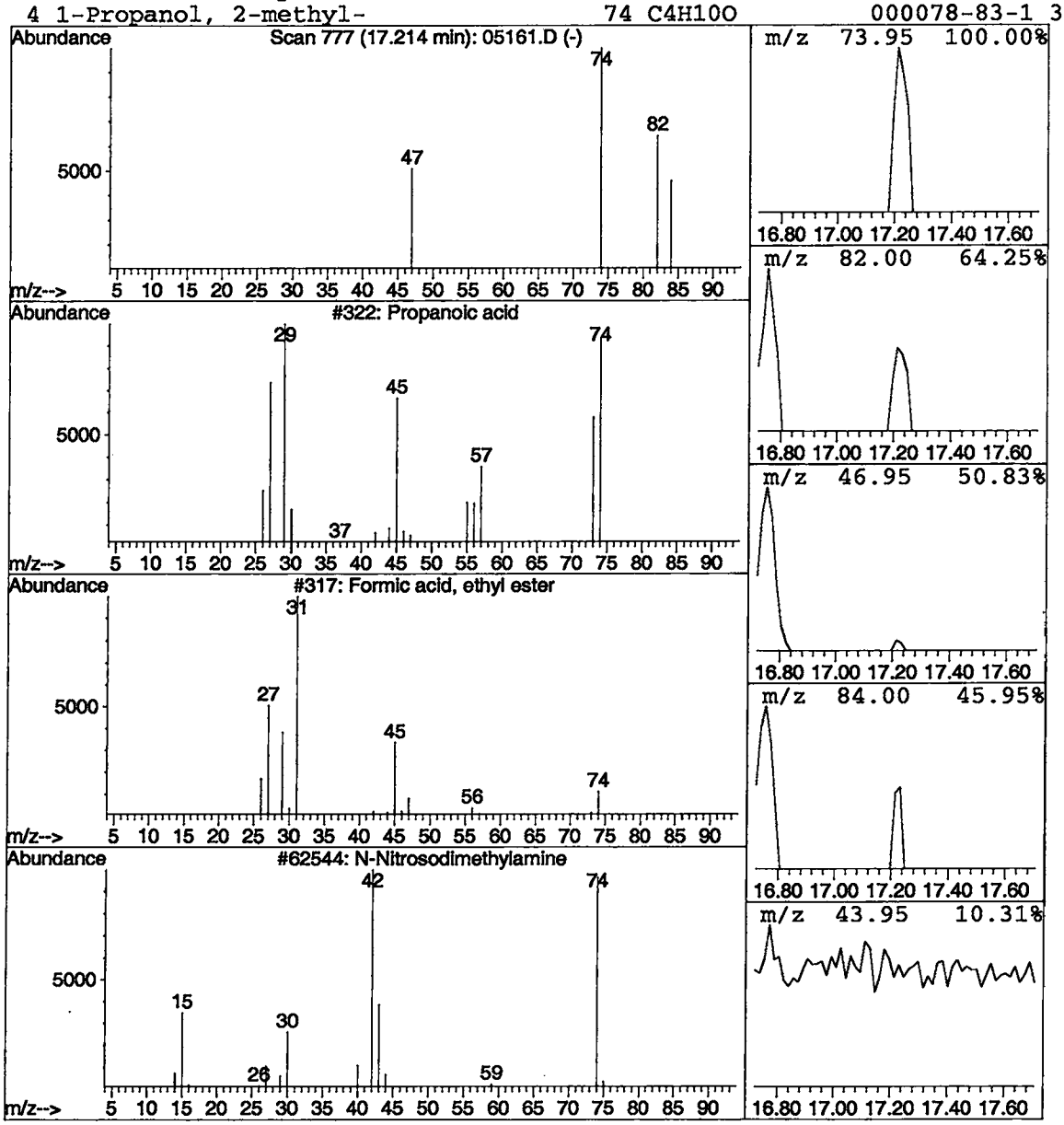
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	0.03 ug/L	15120	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid	74	C3H6O2	000079-09-4	4
2	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	3
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:10:06

Sample: AE04802
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/7/02 00:02 Ended: 3/7/02 00:02 Analyst: BH
Result source: a:\04802.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY AV
DATE 3/13/02

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\04802.D Vial: 15
Acq On : 7 Mar 2002 2:02 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 2:40 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1301562	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	1277613	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	557844	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	479613	5.70	ug/L	-0.09
Spiked Amount 5.000			Recovery =	114.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	439078	4.17	ug/L	-0.10
Spiked Amount 5.000			Recovery =	83.40%		
25) TOLUENE-D8	18.44	98	1615845	5.25	ug/L	-0.09
Spiked Amount 5.000			Recovery =	105.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	33763	~~5.07 ug/L~~		97
14) METHYLENE CHLORIDE	9.60	49	54158	~~0.81 ug/L~~		99

(#) = qualifier out of range (m) = manual integration
04802.D HP022702.M Thu Mar 07 02:40:58 2002 Page 1

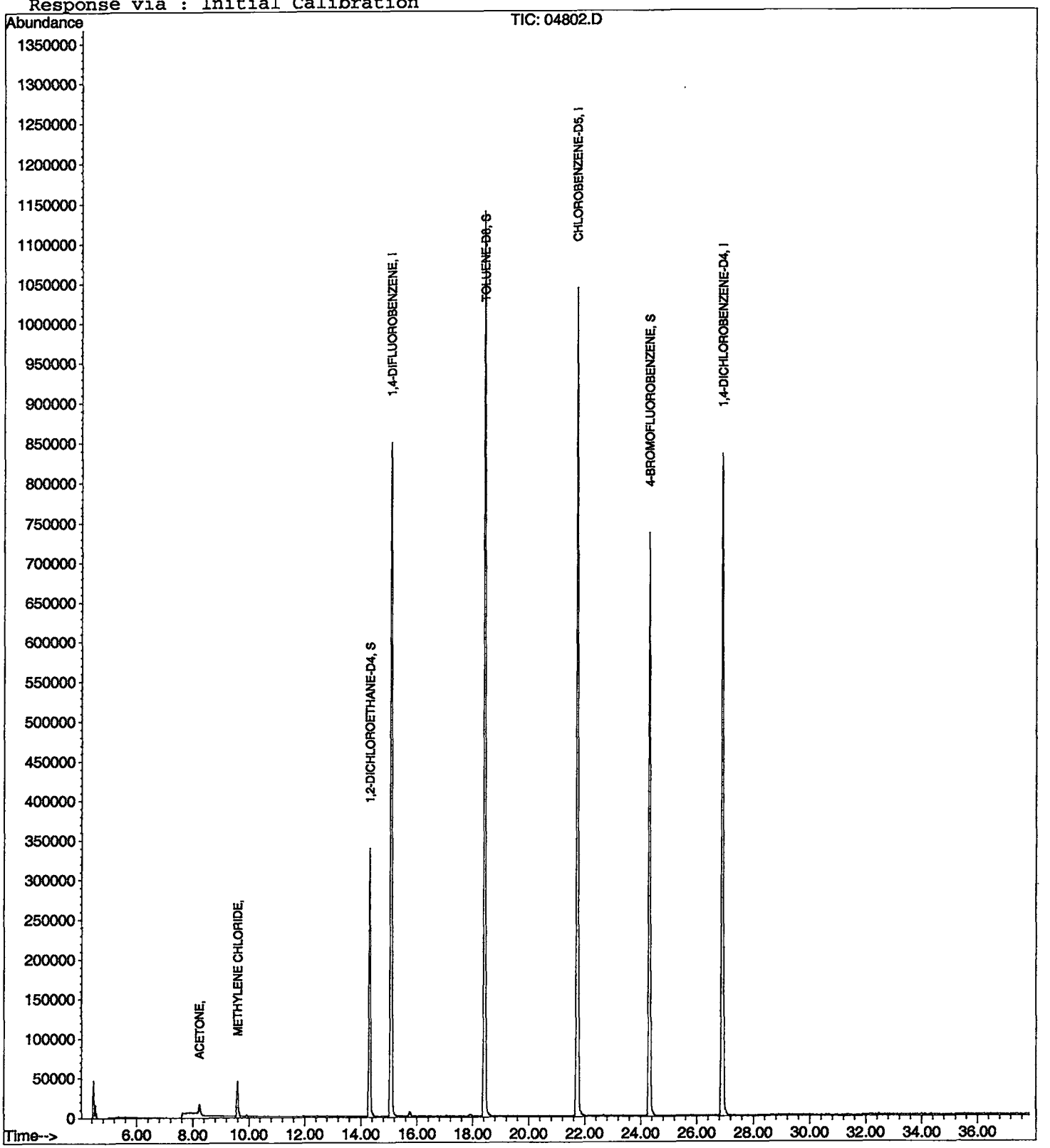
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\04802.D
Acq On : 7 Mar 2002 2:02 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 7 2:40 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\04802.D Vial: 15
Acq On : 7 Mar 2002 2:02 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

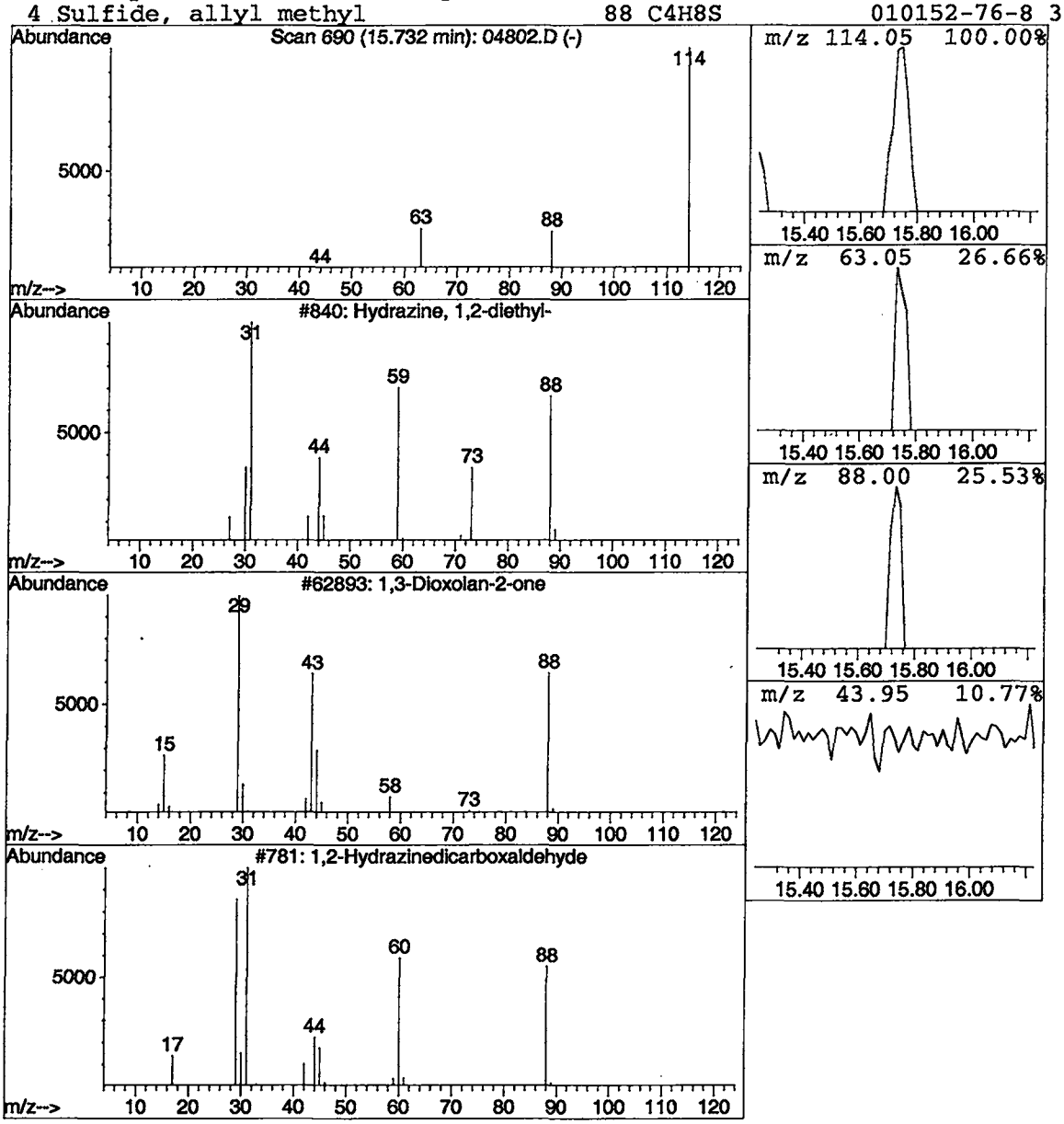
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	22662	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
2	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4
4	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:10:38

Sample: AE04803
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/7/02 00:02 Ended: 3/7/02 00:02 Analyst: BH
Result source: a:\04803.rr
Page: 1

	Component Name	Viol.	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7	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		5.2	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethane		< MDL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5
48	Bromobenzene		< MDL	0.5

REVIEWED BY AV
DATE 3/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 14:10:38

Sample: AE04803
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/7/02 00:02 Ended: 3/7/02 00:02 Analyst: BH
Result source: a:\04803.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\04803.D Vial: 16
Acq On : 7 Mar 2002 2:45 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 3:23 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1316654	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.72	117	1298159	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	551952	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	489563	5.75	ug/L	-0.09
Spiked Amount 5.000			Recovery =	115.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	432145	4.05	ug/L	-0.10
Spiked Amount 5.000			Recovery =	81.00%		
25) TOLUENE-D8	18.44	98	1634652	5.22	ug/L	-0.09
Spiked Amount 5.000			Recovery =	104.40%		
Target Compounds						Qvalue
12) ACETONE *10*	8.26	43	70867	10.52	ug/L	99
14) METHYLENE CHLORIDE	9.60	49	54000	~~0.80~~	~~ug/L~~	97
18) 2-BUTANONE (MEK)	12.00	43	1477	0.10	ug/L	60

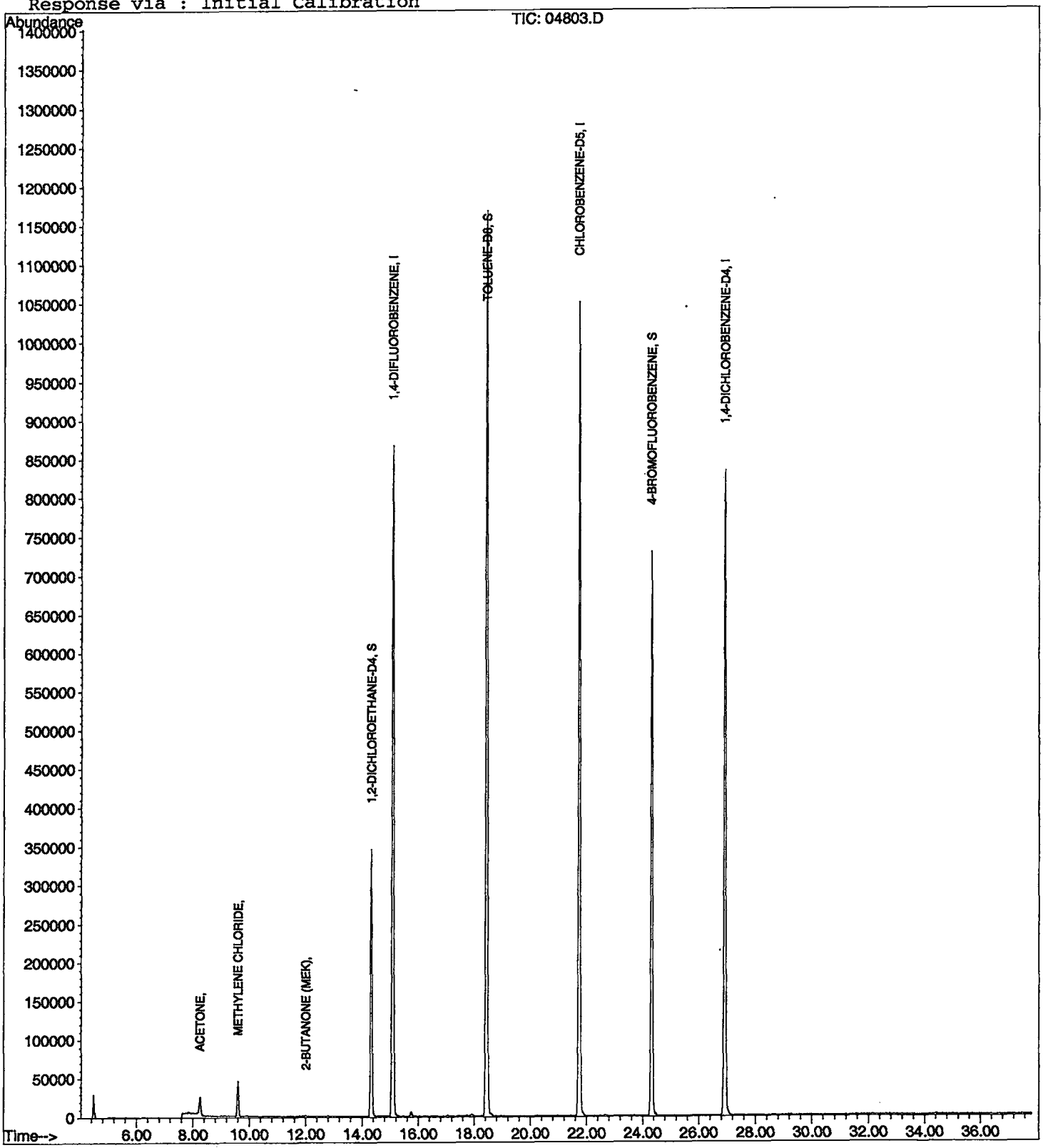
(#) = qualifier out of range (m) = manual integration
04803.D HP022702.M Thu Mar 07 03:24:01 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\04803.D
Acq On : 7 Mar 2002 2:45 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 7 3:23 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\04803.D Vial: 16
Acq On : 7 Mar 2002 2:45 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

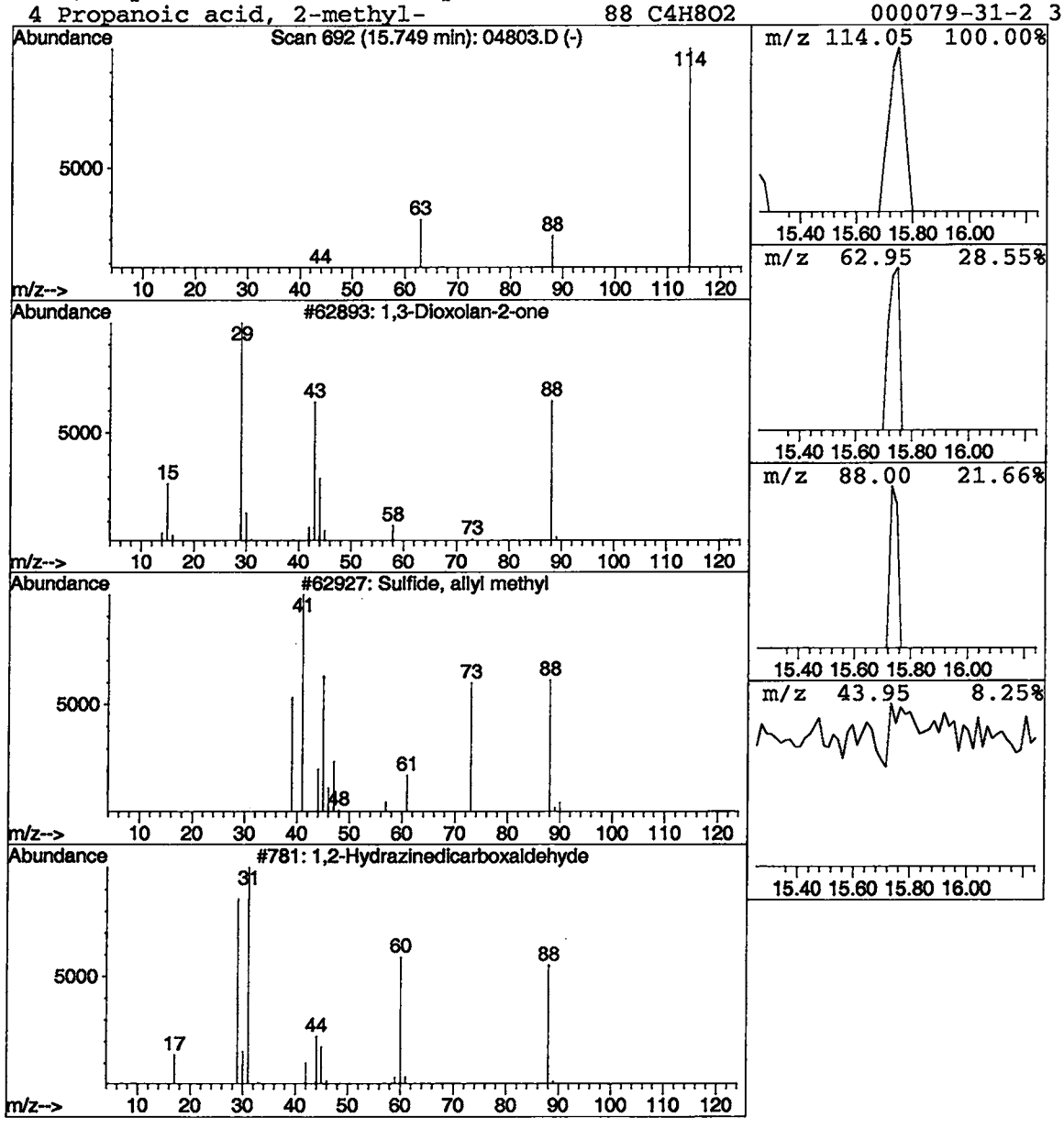
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolan-2-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	21447	1,4-DIFLUOROBENZENE	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	3
2	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 12:07:10

Sample: AE04805
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/7/02 00:03 Ended: 3/7/02 00:03 Analyst: BH
Result source: a:\04805.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		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		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 3/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 12:07:10

Sample: AE04805
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 3/7/02 00:03 Ended: 3/7/02 00:03 Analyst: BH
Result source: a:\04805.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\04805.D Vial: 19
Acq On : 7 Mar 2002 3:28 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 4:07 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	1334706	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	1301887	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	569453	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	490463	5.68	ug/L	-0.09
Spiked Amount 5.000			Recovery =	113.60%		
3) 4-BROMOFLUOROBENZENE	24.31	174	443131	4.10	ug/L	-0.10
Spiked Amount 5.000			Recovery =	82.00%		
25) TOLUENE-D8	18.44	98	1643597	5.24	ug/L	-0.09
Spiked Amount 5.000			Recovery =	104.80%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	54837	~~8.03~~	~~ug/L~~	99
14) METHYLENE CHLORIDE	9.60	49	55902	~~0.82~~	~~ug/L~~	98
18) 2-BUTANONE (MEK)	12.00	43	1467	0.10	ug/L	60

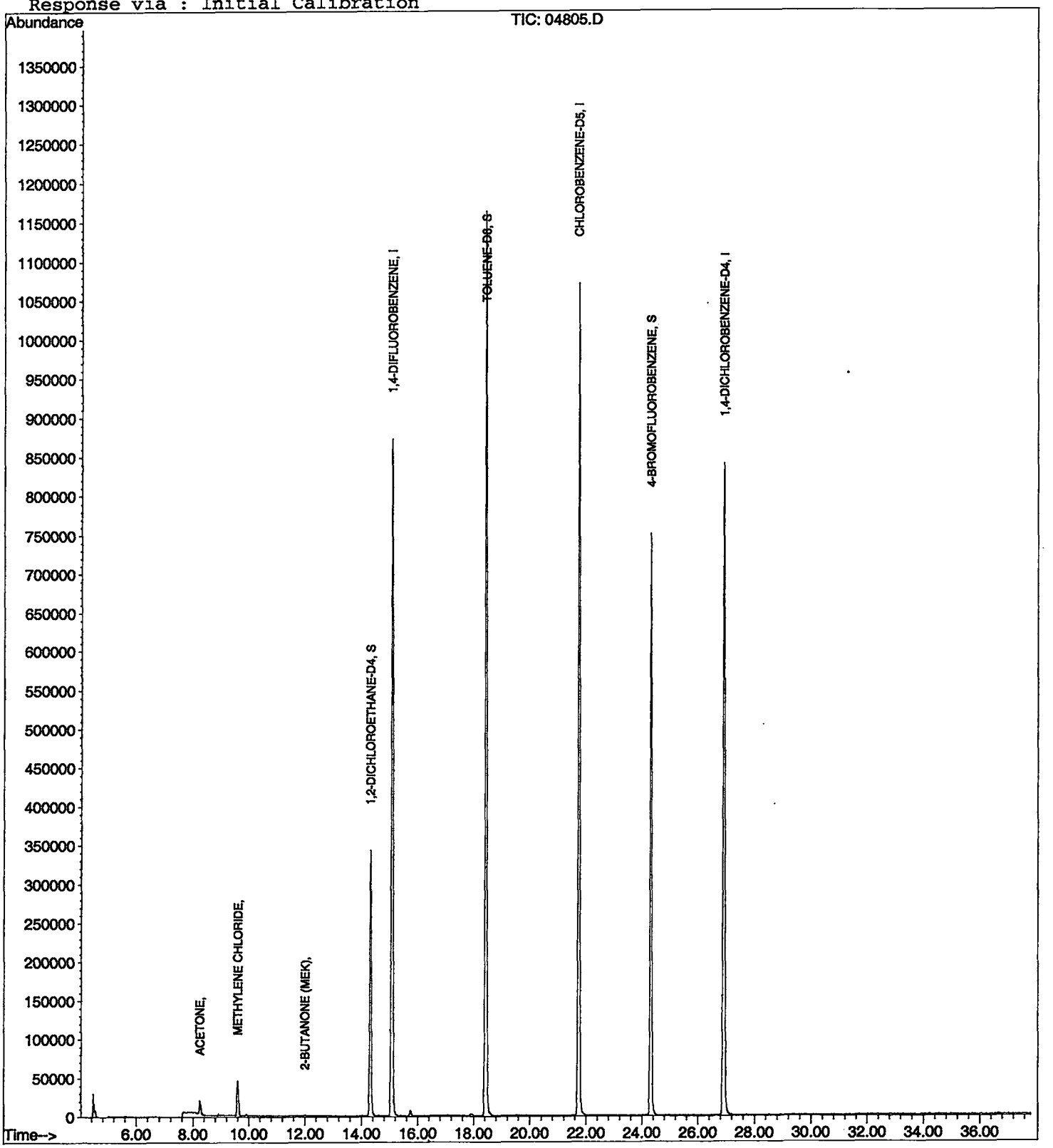
(#) = qualifier out of range (m) = manual integration
04805.D HP022702.M Thu Mar 07 04:07:12 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\04805.D
Acq On : 7 Mar 2002 3:28 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 7 4:07 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR06\04805.D Vial: 19
Acq On : 7 Mar 2002 3:28 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

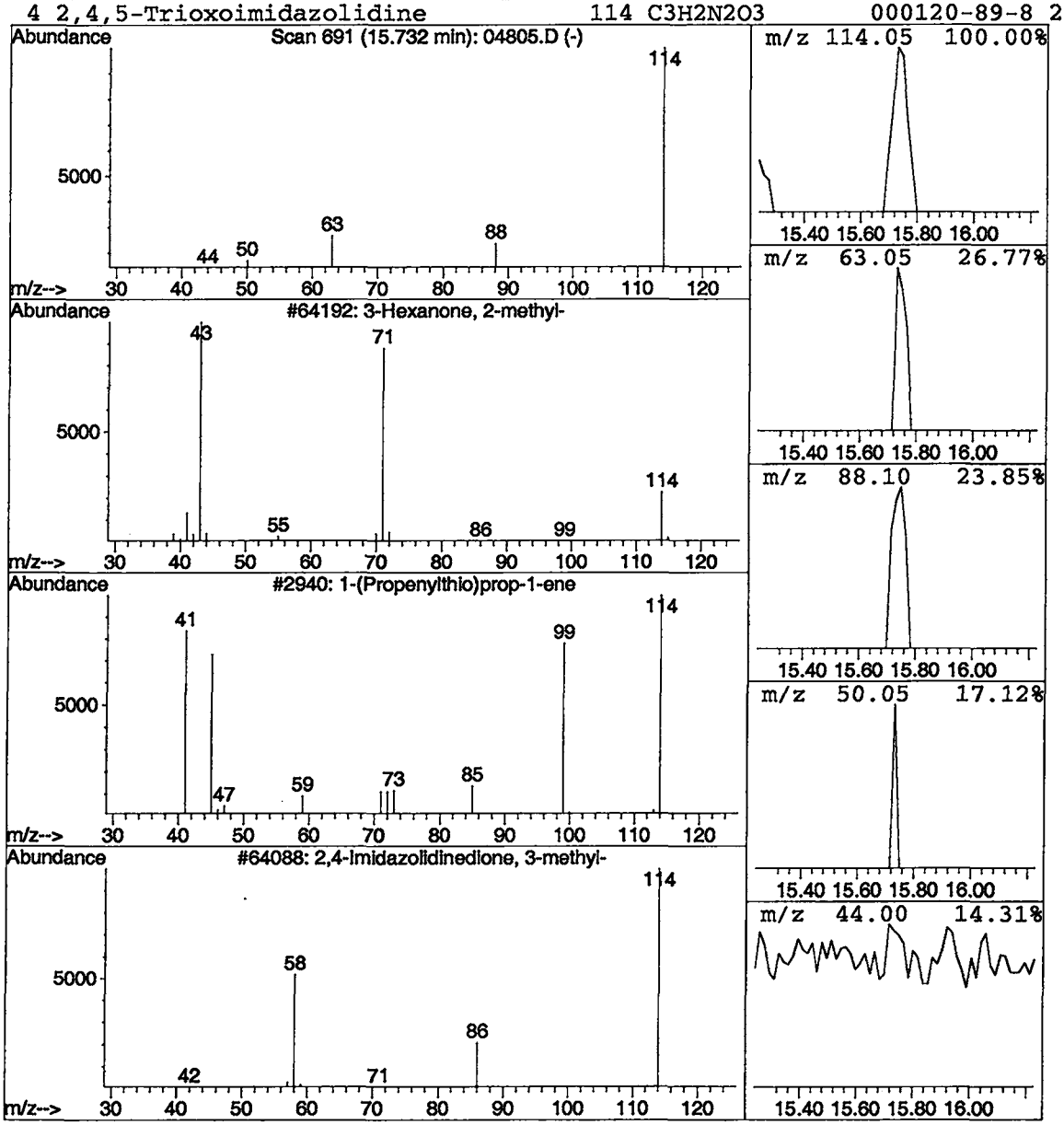
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.04 ug/L	25081	1,4-DIFLUOROBENZENE	15.09

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:55:58

Sample: AE05153
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/7/02 00:04 Ended: 3/7/02 00:04 Analyst: BH
Result source: a:\0306c10b.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.0	.5
2	Surr_4-BROMOFLUOROBENZE		4.4	.5
3	Dichlorodifluoromethane		11	.5
4	Chloromethane		12	.5
5	Vinyl chloride	USPEC	18	.5
6	Bromomethane	USPEC	14	.5
7	Chloroethane	USPEC	14	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene	USPEC	14	.5
10	Methylene Chloride	USPEC	13	.5
11	Methyl tert-butyl ether		9.9	1.0
12	trans-1,2-dichloroethene		12	.5
13	1,1-dichloroethane		12	.5
14	2-butanone (MEK)		7.0	2.0
15	2,2-dichloropropane		9.0	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		11	.5
18	Bromochloromethane		10	.5
19	1,2-dichloroethane		12	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		12	.5
22	1,1-dichloropropene		13	.5
23	Carbon tetrachloride		12	.5
24	Benzene		12	.5
25	Trichloroethene		12	.5
26	1,2-dichloropropane		11	.5
27	Dibromomethane		9.5	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		8.6	1.0
30	cis-1,3-dichloropropene		11	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		10	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		12	.5
40	P & M-xylene		22	.5
41	O-xylene		12	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		9.6	.5
44	Bromoform		10	2.0
45	Isopropylbenzene		13	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		13	.5
48	Bromobenzene		11	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 13:55:58

Sample: AE05153
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/7/02 00:04 Ended: 3/7/02 00:04 Analyst: BH
Result source: a:\0306c10b.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		13	.5
50	2-chlorotoluene		12	.5
51	4-chlorotoluene		13	.5
52	TERT-butylbenzene		13	.5
53	1,2,4-trimethylbenzene		12	.5
54	SEC-butylbenzene		13	.5
55	P-isopropyltoluene		13	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		12	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		10	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		9.5	.5
63	1,2,3-trichlorobenzene		10	.5
64	Nitrobenzene		190	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10B.D Vial: 22
Acq On : 7 Mar 2002 4:11 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 4:50 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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	971685	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.72	117	976731	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	452677	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	374407	5.96	ug/L	-0.09
Spiked Amount 5.000			Recovery = 119.20%			
3) 4-BROMOFLUOROBENZENE	24.31	174	347211	4.41	ug/L	-0.10
Spiked Amount 5.000			Recovery = 88.20%			
25) TOLUENE-D8	18.42	98	1227589	5.21	ug/L	-0.10
Spiked Amount 5.000			Recovery = 104.20%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	307182	11.20	ug/L	100
5) CHLOROMETHANE	5.47	50	356717	12.15	ug/L	100
6) VINYL CHLORIDE	5.60	62	265823	17.61	ug/L	96
7) BROMOMETHANE	6.58	94	264886	14.19	ug/L	95
8) CHLOROETHANE	6.71	64	232678	14.32	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.26	101	421362	11.82	ug/L	100
12) ACETONE	8.24	43	56315	11.33	ug/L	94
13) 1,1-DICHLOROETHENE	8.60	61	577746	13.65	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	658207	13.20	ug/L	96
15) METHYL TERT BUTYL ETHER	9.89	73	567553	9.93	ug/L	100
16) TRANS-1,2-DICHLOROETHENE	10.27	61	675887	11.78	ug/L	99
17) 1,1-DICHLOROETHANE	11.15	63	816462	11.52	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	74560	7.00	ug/L	96
19) 2,2-DICHLOROPROPANE	12.36	77	472420	9.04	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.46	96	495751	11.37	ug/L	96
21) CHLOROFORM	12.79	83	854726	11.49	ug/L	100
22) BROMOCHLOROMETHANE	13.18	49	384565	10.49	ug/L	98
23) 1,2-DICHLOROETHANE	14.51	62	573820	12.20	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.69	97	620756	11.88	ug/L	99
27) 1,1-DICHLOROPROPENE	14.01	75	646598	12.63	ug/L	97
28) CARBON TETRACHLORIDE	14.27	117	516170	11.78	ug/L	98
29) BENZENE	14.61	78	1714831	11.84	ug/L	98
30) TRICHLOROETHENE	15.88	95	504868	11.85	ug/L	98
31) 1,2-DICHLOROPROPANE	16.24	63	466297	11.09	ug/L	98
32) DIBROMOMETHANE	16.91	174	208773	9.46	ug/L	86
33) BROMODICHLOROMETHANE	16.75	83	601542	11.40	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	144861	10.87	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.31	58	64715	8.64	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.84	75	610551	10.65	ug/L	98
37) TOLUENE	18.61	91	1850628	11.63	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	459474	11.20	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.27	97	287363	10.51	ug/L	99
40) TETRACHLOROETHENE	20.06	166	455607	9.97	ug/L	98
41) 1,3-DICHLOROPROPANE	19.80	76	538022	10.73	ug/L	99
42) DIBROMOCHLOROMETHANE	20.48	129	339433	10.34	ug/L	99
43) 1,2-DIBROMOETHANE	20.94	107	279147	10.02	ug/L	95
44) CHLOROBENZENE	21.81	112	1197720	10.98	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	387966	10.72	ug/L	98
46) 2-HEXANONE	19.17	43	109962	5.77	ug/L	97
47) ETHYLBENZENE	21.86	91	2144301	11.87	ug/L	99
48) P & M-XYLENE	22.01	106	1440421	22.12	ug/L	90

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10B.D Vial: 22
Acq On : 7 Mar 2002 4:11 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 4:50 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration
DataAcq Meth : HP022702

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	22.98	91	1677458	11.72	ug/L	97
50)	STYRENE	23.05	104	1166723	10.74	ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.07	83	302224	9.59	ug/L	96
53)	BROMOFORM	23.90	173	146690	10.37	ug/L	93
54)	ISOPROPYLBENZENE	23.72	105	1855606	12.98	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.40	110	84373	11.10	ug/L	99
56)	N-PROPYLBENZENE	24.58	91	2315550	12.54	ug/L	100
57)	BROMOBENZENE	24.82	156	452260	11.28	ug/L	91
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	1566163	12.75	ug/L	96
59)	2-CHLOROTOLUENE	25.06	91	1525544	12.23	ug/L	97
60)	4-CHLOROTOLUENE	25.13	91	1415372	12.81	ug/L	97
61)	TERT-BUTYLBENZENE	25.69	119	1461180	12.54	ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	1593298	12.34	ug/L	96
63)	SEC-BUTYLBENZENE	26.15	105	2011575	12.84	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.41	119	1562268	12.68	ug/L	97
65)	1,3-DICHLOROBENZENE	26.76	146	844032	11.08	ug/L	98
66)	1,4-DICHLOROBENZENE	26.99	146	834992	10.72	ug/L	96
67)	N-BUTYLBENZENE	27.29	91	1569549	12.32	ug/L	99
68)	1,2-DICHLOROBENZENE	27.84	146	721141	11.08	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	35547	9.90	ug/L	100
70)	1,2,4-TRICHLOROBENZENE	31.91	180	419663	10.19	ug/L	97
71)	HEXACHLOROBUTADIENE	32.21	225	210223	11.33	ug/L	98
72)	NAPHTHALENE	32.74	128	490354	9.46	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.45	180	344083	10.23	ug/L	99
74)	NITROBENZENE	29.83	77	174390	192.37	ug/L	93

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

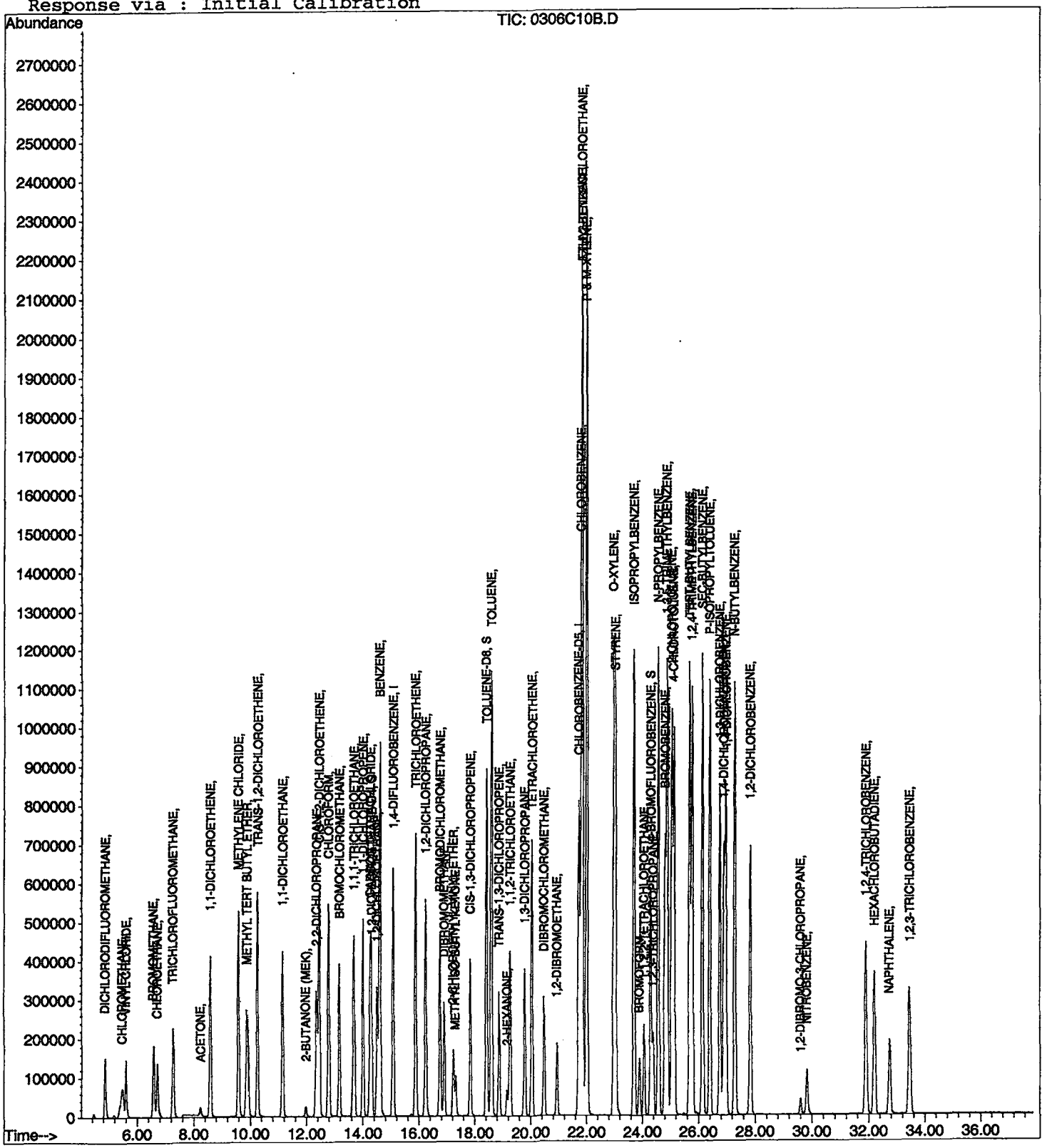
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0306C10B.D
Acq On : 7 Mar 2002 4:11 am
Sample : cal 10
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 7 4:50 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar06\0305B4.D Vial: 23
Acq On : 7 Mar 2002 4:55 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 7 5:34 2002 Quant Results File: HP022702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Mar 05 13:20:57 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

(#) = qualifier out of range (m) = manual integration
0305B4.D HP022702.M Thu Mar 07 05:34:28 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar06\0305B4.D
Acq On : 7 Mar 2002 4:55 am
Sample : 1b
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 7 5:34 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 : Tue Mar 05 13:20:57 2002
Response via : Initial Calibration