User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:01:47

Sample: AE10890
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/7/02 00:09 Ended: 5/7/02 00:09 Analyst: BH
Result source: a:\0507b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.3
2	Surr - 4-BROMOFLUOROBENZ		5.0
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.23
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.10
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		4.9
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

Pretty low std
- lab contamination

Reviewed by,
8/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:01:47

Sample: AE10890
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/7/02 00:09 Ended: 5/7/02 00:09 Analyst: BH
Result source: a:\0507b1.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may07\0507B1.D Vial: 1
Acq On : 7 May 2002 9:02 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 9:41 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1122640	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.76	117	1034150	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	488950	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	545972	5.31	ug/L	0.02
Spiked Amount 5.000			Recovery = 106.20%			
3) 4-BROMOFLUOROBENZENE	24.35	174	416205	5.02	ug/L	0.02
Spiked Amount 5.000			Recovery = 100.40%			
25) TOLUENE-D8	18.46	98	1305878	4.89	ug/L	0.02
Spiked Amount 5.000			Recovery = 97.80%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	2215	0.23	ug/L	54
14) METHYLENE CHLORIDE	9.60	49	8869	0.10	ug/L	92

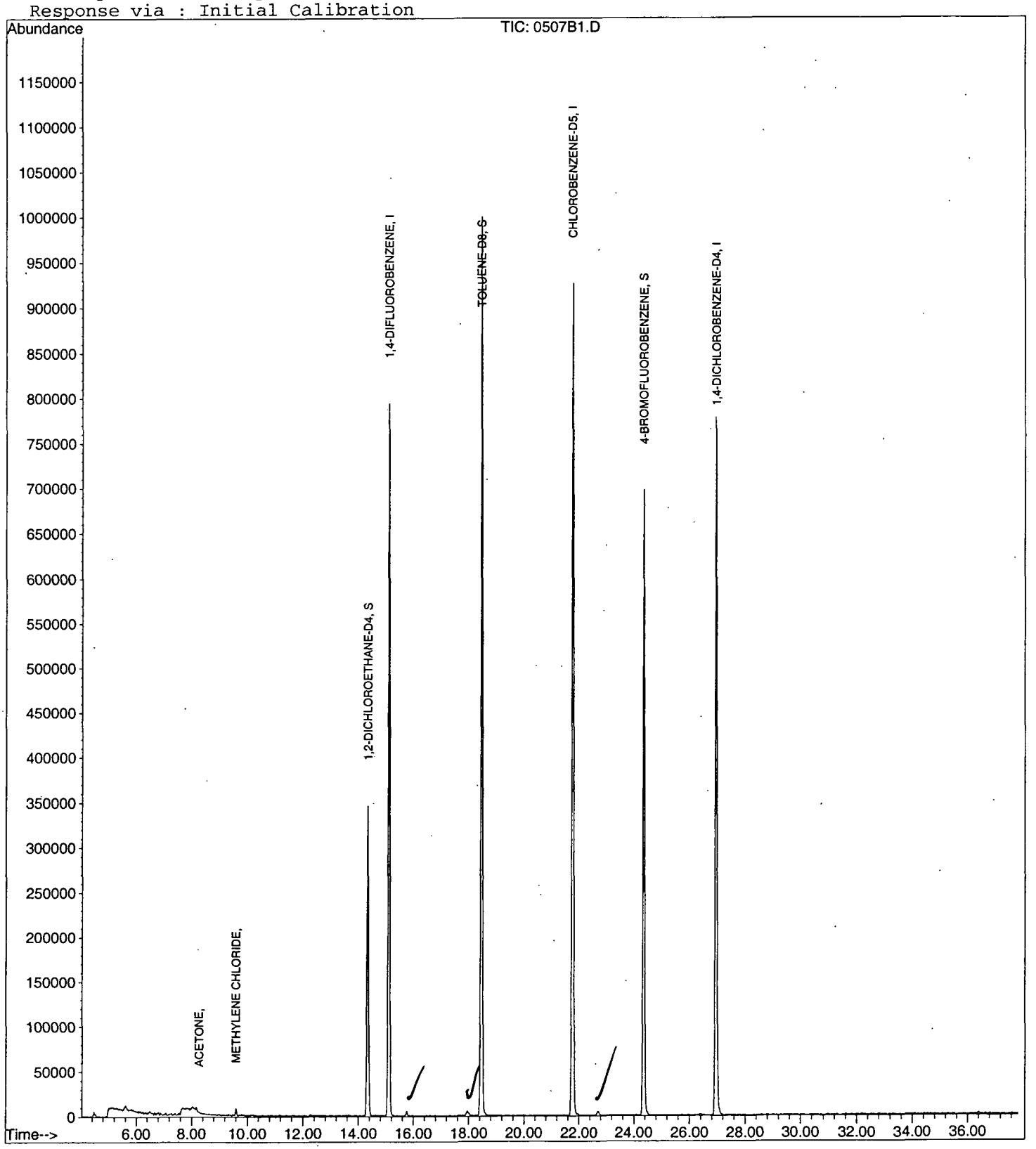
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may07\0507B1.D
Acq On : 7 May 2002 9:02 am
Sample : lab blank 1 (voc di)
Misc : May 6, 2002
MS Integration Params: RTEINT.P
Quant Time: May 7 9:41 2002

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B1.D
Acq On : 7 May 2002 9:02 am
Sample : lab blank 1 (voc di)
Misc : May 6, 2002
MS Integration Params: LSCINT.P

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

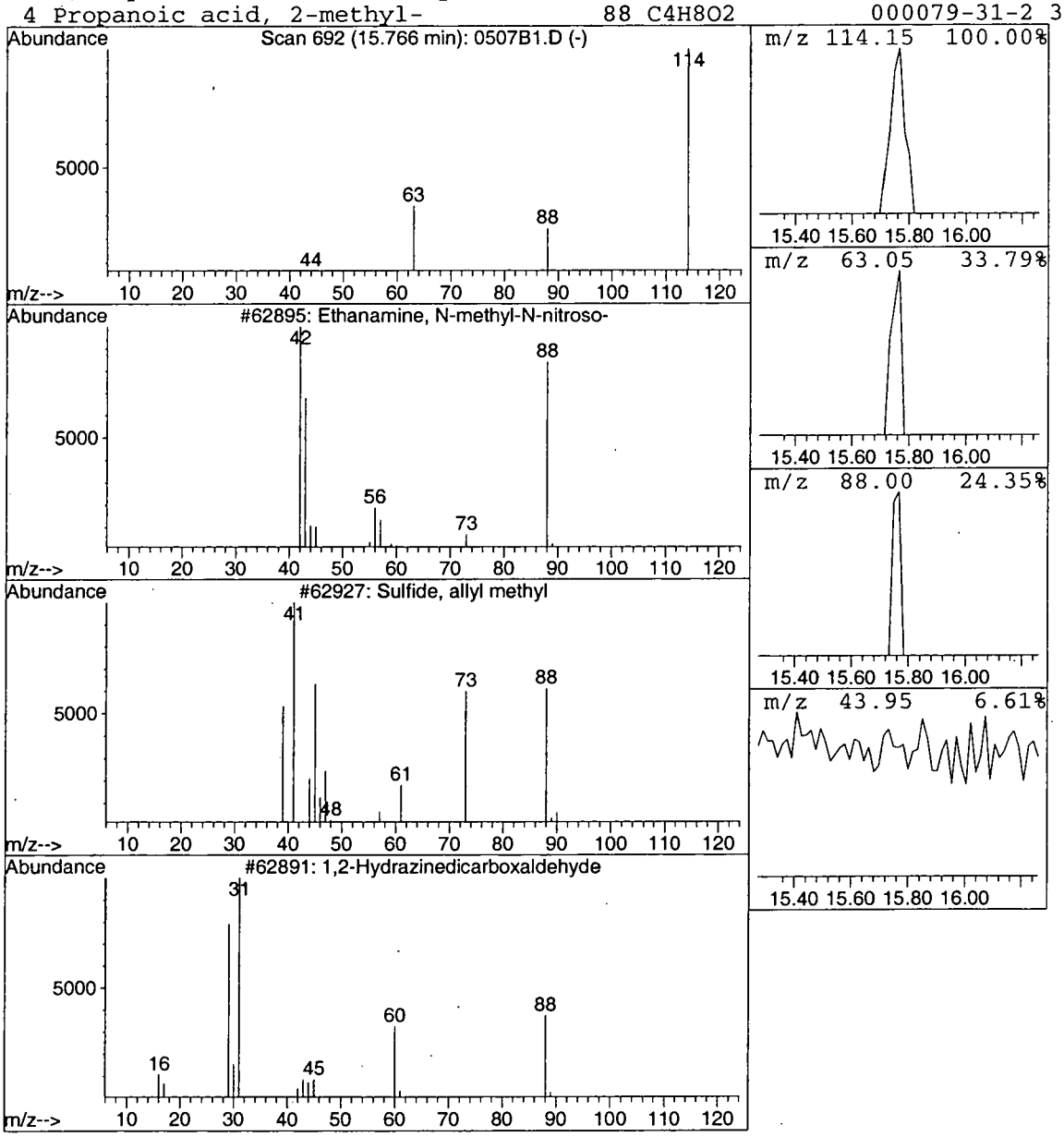
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethanamine, N-methyl-N-nitroso Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	18264	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B1.D Vial: 1
Acq On : 7 May 2002 9:02 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

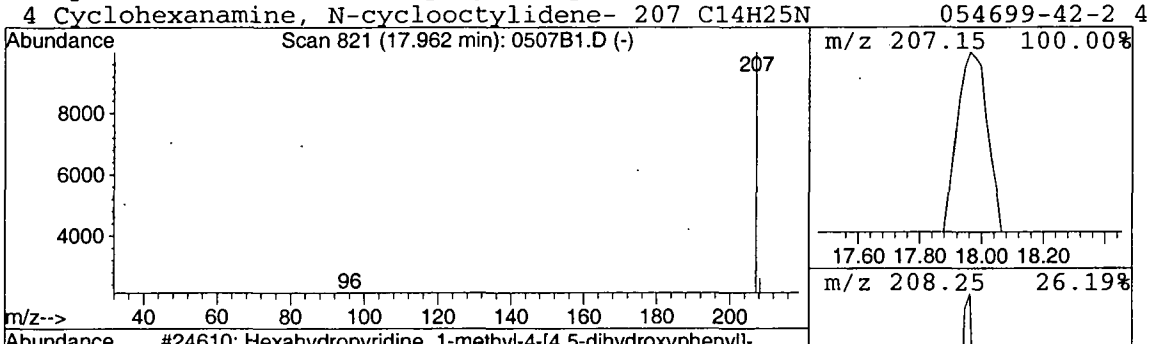
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

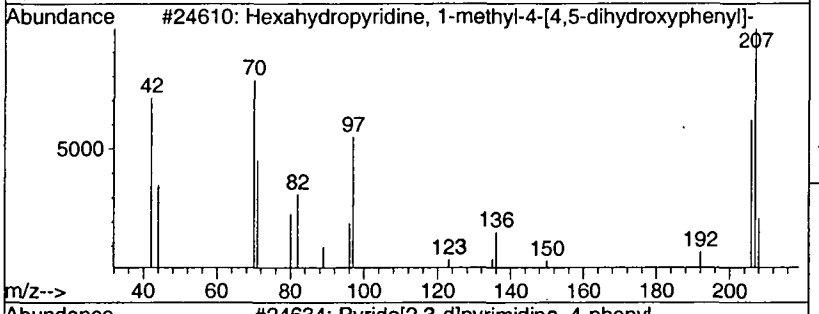
****

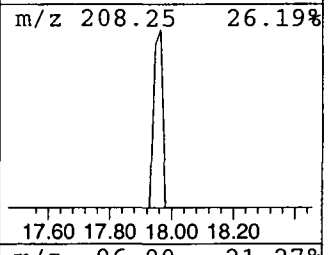
Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 1

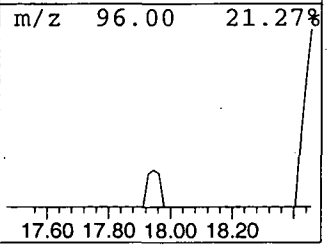
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	0.05 ug/L	28385	1,4-DIFLUOROBENZENE	15.10

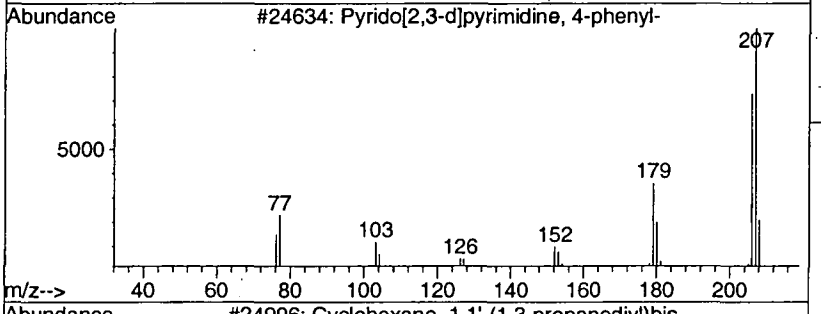
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	Cyclohexane, 1,1'-(1,3-propanediyl)	208	C15H28	003178-24-3	4
4	Cyclohexanamine, N-cyclooctylidene-	207	C14H25N	054699-42-2	4

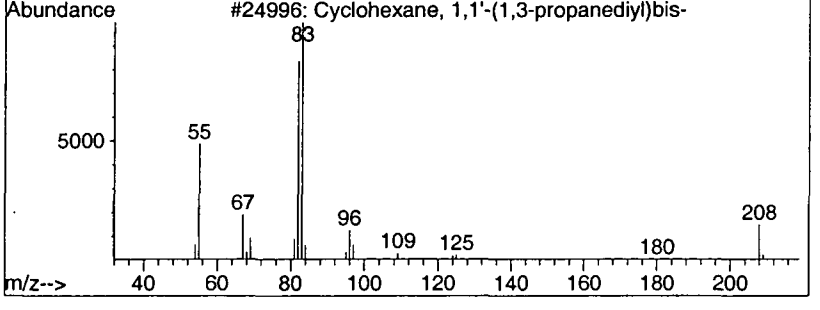












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B1.D Vial: 1
Acq On : 7 May 2002 9:02 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

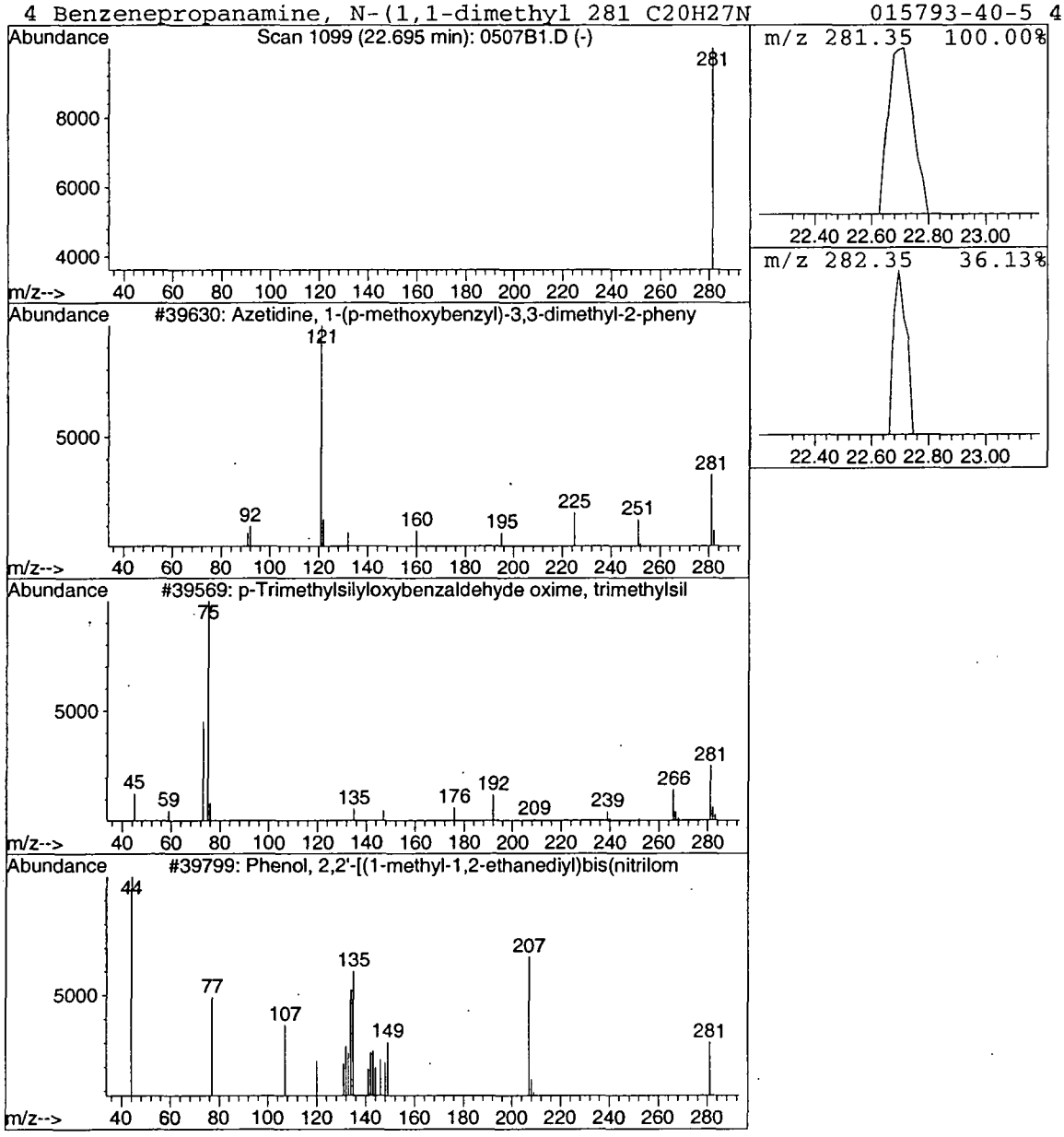
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Azetidine, 1-(p-methoxybenzyl) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	0.04 ug/L	26308	CHLOROBENZENE-D5	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-(p-methoxybenzyl)-3,3-	281	C19H23NO	022606-98-0	4
2	p-Trimethylsilyloxybenzaldehyde oxi	281	C13H23NO2Si2	000000-00-0	4
3	Phenol, 2,2'-[(1-methyl-1,2-ethaned	282	C17H18N2O2	000094-91-7	4
4	Benzenepropanamine, N-(1,1-dimethyl	281	C20H27N	015793-40-5	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:02:25

Sample: AE10890
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/7/02 00:00 Ended: 5/7/02 00:00 Analyst: BH
Result source: a:\0507c10.rr
Page: 1

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	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.7		.5
2	Surr_4-BROMOFLUOROBENZE		5.2		.5
3	Dichlorodifluoromethane		11		.5
4	Chloromethane		8.6		.5
5	Vinyl chloride	USPEC	13		.5
6	Bromomethane		12		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		13		.5
9	1,1-Dichloroethene		8.6		.5
10	Methylene Chloride		7.3		.5
11	Methyl tert-butyl ether	LSPEC	7.0		1.0
12	trans-1,2-dichloroethene		8.1		.5
13	1,1-dichloroethane		7.9		.5
14	2-butanone (MEK)		26		2.0
15	2,2-dichloropropane		8.4		.5
16	cis-1,2-dichloroethene		9.1		.5
17	Chloroform		9.3		.5
18	Bromochloromethane		7.5		.5
19	1,2-dichloroethane		8.6		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		9.4		.5
22	1,1-dichloropropene		9.1		.5
23	Carbon tetrachloride		10		.5
24	Benzene		8.4		.5
25	Trichloroethene		9.2		.5
26	1,2-dichloropropane		7.5		.5
27	Dibromomethane		9.2		.5
28	Bromodichloromethane		9.1		.5
29	Methyl iso-butyl ketone		29		1.0
30	cis-1,3-dichloropropene		8.6		.5
31	Toluene		8.7		.5
32	trans-1,3-dichloropropene		8.6		.5
33	1,1,2-trichloroethane		8.6		.5
34	Tetrachloroethene		9.7		.5
35	1,3-dichloropropane		8.3		.5
36	Dibromochloromethane		9.8		2.0
37	Chlorobenzene		9.2		.5
38	1,1,1,2-tetrachloroethane		9.7		.5
39	Ethylbenzene		9.2		.5
40	P & M-xylene		19		.5
41	O-xylene		9.2		.5
42	Styrene		9.2		.5
43	1,1,2,2-tetrachloroethane		7.9		.5
44	Bromoform		9.7		2.0
45	Isopropylbenzene		9.1		.5
46	1,2,3-trichloropropane		9.2		.5
47	N-propylbenzene		8.5		.5
48	Bromobenzene		9.1		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:02:25

Sample: AE10890
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/7/02 00:00 Ended: 5/7/02 00:00 Analyst: BH
Result source: a:\0507c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.1		.5
50	2-chlorotoluene		8.1		.5
51	4-chlorotoluene		8.7		.5
52	TERT-butylbenzene		9.1		.5
53	1,2,4-trimethylbenzene		9.0		.5
54	SEC-butylbenzene		8.8		.5
55	P-isopropyltoluene		9.2		.5
56	1,3-dichlorobenzene		9.0		.5
57	1,4-dichlorobenzene		8.8		.5
58	N-butylbenzene		8.7		.5
59	1,2-dichlorobenzene		8.7		.5
60	1,2,4-trichlorobenzene		8.9		.5
61	Hexachlobutadiene		8.8		.5
62	Naphthalene		7.8		.5
63	1,2,3-trichlorobenzene		8.6		.5
64	Nitrobenzene		150		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may07\0507C10.D Vial: 2
Acq On : 7 May 2002 10:35 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 11:14 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1504681	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.76	117	1429312	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	713070	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	652351	4.74	ug/L	0.02
Spiked Amount 5.000			Recovery = 94.80%			
3) 4-BROMOFLUOROBENZENE	24.35	174	579393	5.21	ug/L	0.02
Spiked Amount 5.000			Recovery = 104.20%			
25) TOLUENE-D8	18.46	98	1798742	4.87	ug/L	0.02
Spiked Amount 5.000			Recovery = 97.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	662310	11.23	ug/L	99
5) CHLOROMETHANE	5.45	50	649602	8.57	ug/L	94
6) VINYL CHLORIDE	5.60	62	539452	13.01	ug/L	98
7) BROMOMETHANE	6.58	94	466875	11.83	ug/L	98
8) CHLOROETHANE	6.71	64	470066	10.95	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.28	101	937621	12.61	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	509583	10.29	ug/L	98
12) ACETONE	8.24	43	296465	23.16	ug/L	96
13) 1,1-DICHLOROETHENE	8.60	61	1071747	8.59	ug/L	98
14) METHYLENE CHLORIDE	9.60	49	854776	7.25	ug/L	92
15) METHYL TERT BUTYL ETHER	9.91	73	567553	6.96	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.27	61	1036870	8.05	ug/L	92
17) 1,1-DICHLOROETHANE	11.15	63	1133288	7.94	ug/L	96
18) 2-BUTANONE (MEK)	11.99	43	329011	26.43	ug/L	92
19) 2,2-DICHLOROPROPANE	12.38	77	872122	8.45	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.46	96	652259	9.15	ug/L	93
21) CHLOROFORM	12.80	83	1252681	9.25	ug/L	99
22) BROMOCHLOROMETHANE	13.20	49	467167	7.48	ug/L	74
23) 1,2-DICHLOROETHANE	14.52	62	895583	8.59	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.71	97	986011	9.40	ug/L	99
27) 1,1-DICHLOROPROPENE	14.03	75	993992	9.13	ug/L	98
28) CARBON TETRACHLORIDE	14.28	117	886851	10.03	ug/L	97
29) BENZENE	14.63	78	2113656	8.43	ug/L	98
30) TRICHLOROETHENE	15.90	95	738115	9.17	ug/L	95
31) 1,2-DICHLOROPROPANE	16.26	63	537968	7.50	ug/L	98
32) DIBROMOMETHANE	16.92	174	284592	9.23	ug/L	93
33) BROMODICHLOROMETHANE	16.77	83	835760	9.07	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	151217	7.37	ug/L	89
35) METHYL ISO-BUTYL KETONE	17.33	58	272064	29.48	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.88	75	797811	8.56	ug/L	98
37) TOLUENE	18.63	91	2216374	8.74	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	577185	8.59	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.29	97	338421	8.57	ug/L	97
40) TETRACHLOROETHENE	20.07	166	675848	9.66	ug/L	99
41) 1,3-DICHLOROPROPANE	19.82	76	662001	8.33	ug/L	99
42) DIBROMOCHLOROMETHANE	20.52	129	444167	9.75	ug/L	98
43) 1,2-DIBROMOETHANE	20.98	107	346440	8.63	ug/L	95
44) CHLOROBENZENE	21.84	112	1400767	9.17	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	536687	9.66	ug/L	98
46) 2-HEXANONE	19.19	43	489191	27.79	ug/L	97
47) ETHYLBENZENE	21.88	91	2653948	9.21	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may07\0507C10.D Vial: 2
Acq On : 7 May 2002 10:35 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 11:14 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

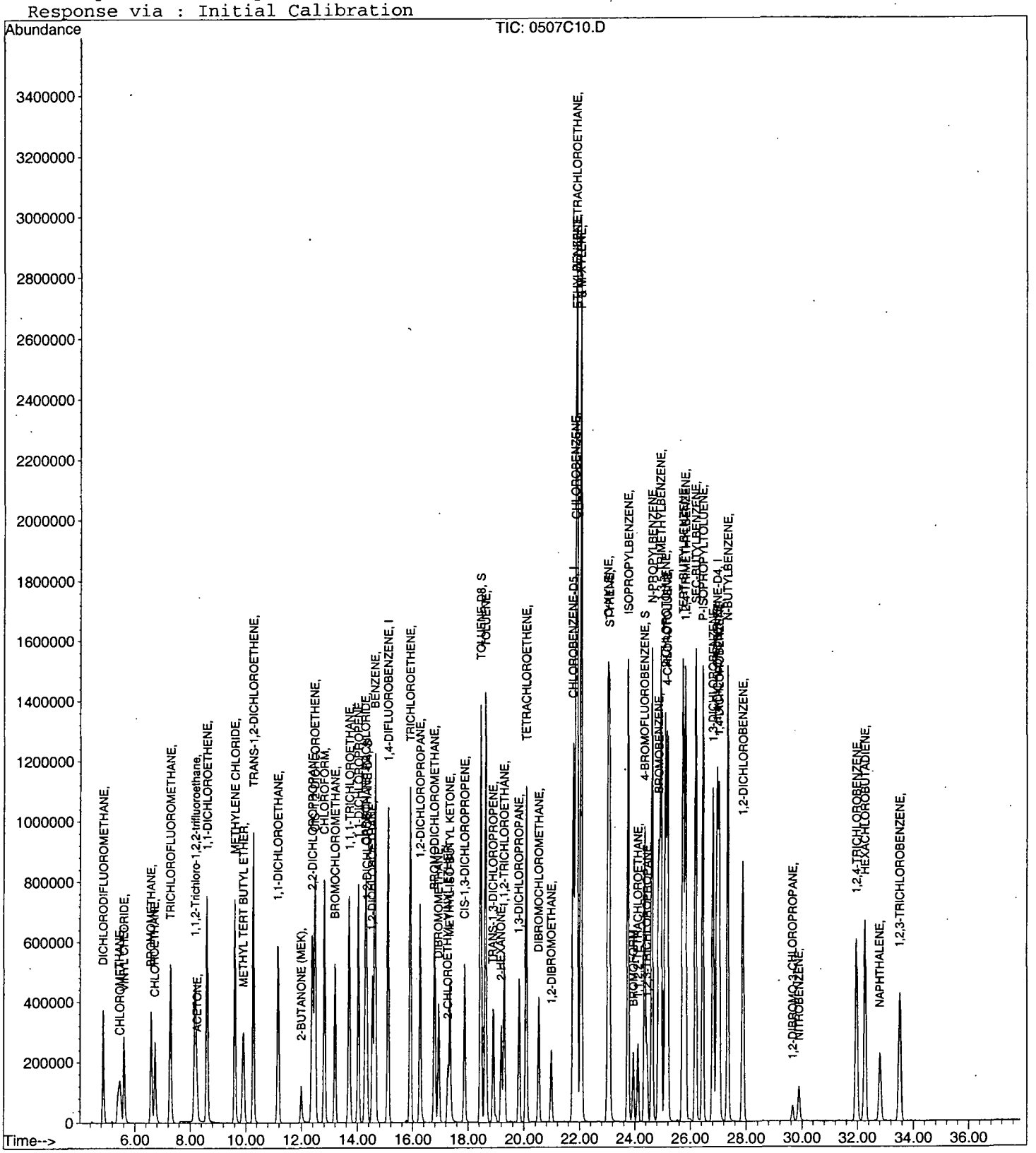
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	22.05	106	1738905	18.52	ug/L	99
49)	O-XYLENE	23.02	91	2036058	9.21	ug/L	97
50)	STYRENE	23.07	104	1365786	9.23	ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	295539	7.92	ug/L	98
53)	BROMOFORM	23.94	173	220030	9.72	ug/L	99
54)	ISOPROPYLBENZENE	23.75	105	2298122	9.07	ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.43	110	108042	9.21	ug/L	95
56)	N-PROPYLBENZENE	24.62	91	2897244	8.47	ug/L	99
57)	BROMOBENZENE	24.86	156	566162	9.10	ug/L	90
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	2085617	9.08	ug/L	98
59)	2-CHLOROTOLUENE	25.10	91	1877349	8.14	ug/L	95
60)	4-CHLOROTOLUENE	25.16	91	1858694	8.72	ug/L	99
61)	TERT-BUTYLBENZENE	25.73	119	1825314	9.11	ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	2118439	8.97	ug/L	98
63)	SEC-BUTYLBENZENE	26.19	105	2464249	8.84	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	1950354	9.15	ug/L	99
65)	1,3-DICHLOROBENZENE	26.80	146	1051259	9.04	ug/L	98
66)	1,4-DICHLOROBENZENE	27.02	146	1050625	8.78	ug/L	99
67)	N-BUTYLBENZENE	27.33	91	2039135	8.75	ug/L	99
68)	1,2-DICHLOROBENZENE	27.87	146	856511	8.73	ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	44889	8.51	ug/L	91
70)	1,2,4-TRICHLOROBENZENE	31.96	180	559734	8.85	ug/L	99
71)	HEXACHLOROBUTADIENE	32.26	225	399229	8.84	ug/L	98
72)	NAPHTHALENE	32.79	128	552488	7.82	ug/L	97
73)	1,2,3-TRICHLOROBENZENE	33.51	180	427718	8.60	ug/L	99
74)	NITROBENZENE	29.88	77	177275	149.39	ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may07\0507C10.D Vial: 2
Acq On : 7 May 2002 10:35 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 11:14 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B2.D Vial: 3
Acq On : 7 May 2002 11:53 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 12:32 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

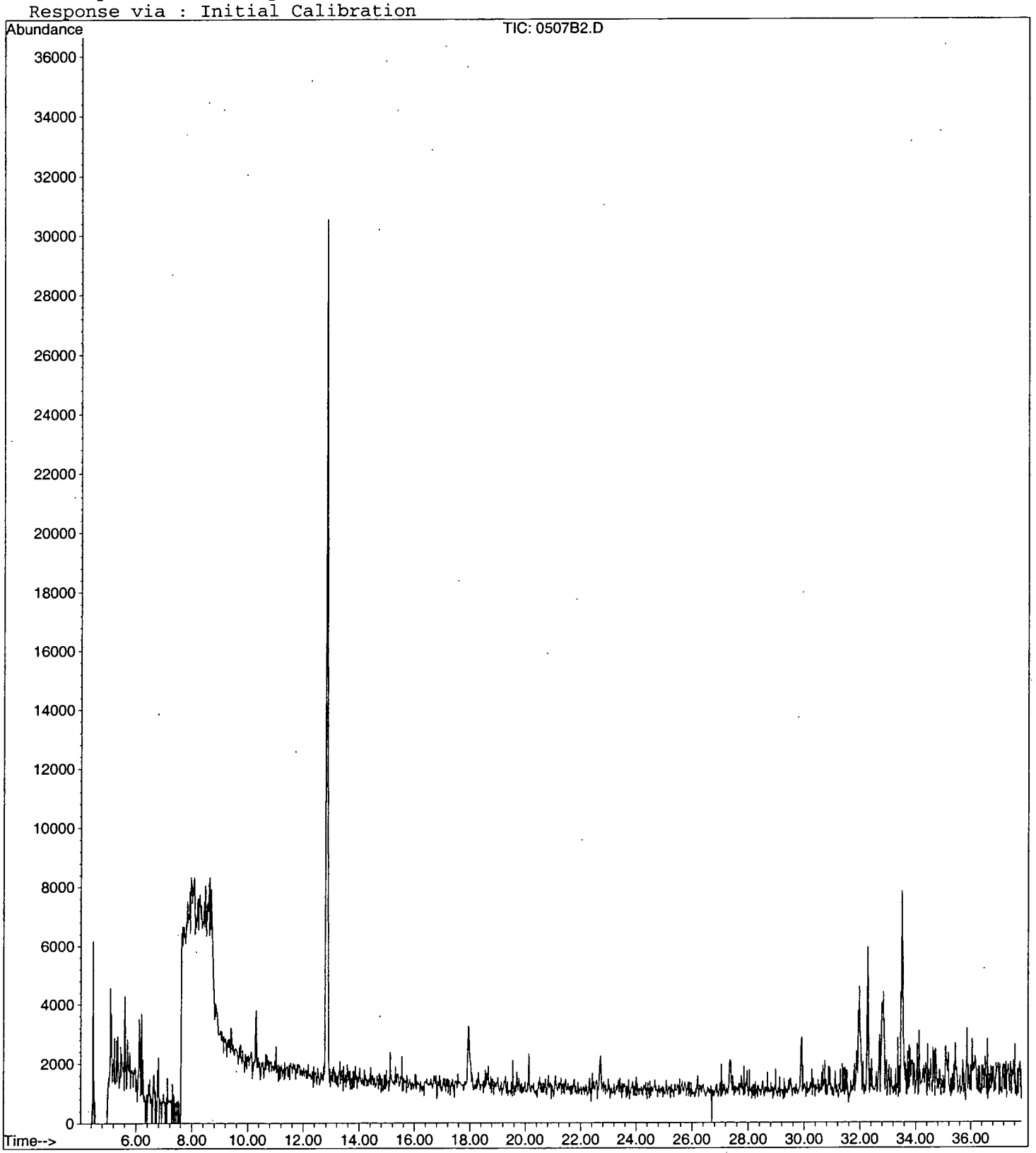
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.09
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.74
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.93
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	0.00	65	0	0.00	ug/L	
Spiked Amount 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
0507B2.D HP042202.M Tue May 07 14:21:00 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B2.D Vial: 3
Acq On : 7 May 2002 11:53 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 12:32 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:03:05

Sample: AE10890
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/8/02 14:02 Ended: 5/8/02 14:02 Analyst: BH
Result source: calculation
Page: 1

70-130

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		.5
3	Dichlorodifluoromethane		104		.5
4	Chloromethane		88		.5
5	Vinyl chloride		110		.5
6	Bromomethane		112		.5
7	Chloroethane		102		.5
8	Trichlorofluoromethane		106		.5
9	1,1-Dichloroethene		86		.5
10	Methylene Chloride		74		.5
11	Methyl tert butyl ether		72		1.0
12	trans-1,2-dichloroethene		78		.5
13	1,1-dichloroethane		78		.5
14	2-butanone (MEK)		75		2.0
15	2,2-dichloropropane		82		.5
16	cis-1,2-dichloroethene		90		.5
17	Chloroform		88		.5
18	Bromochloromethane		72		.5
19	1,2-dichloroethane		80		.5
20	Surr - TOLUENE-D8		4.9		.5
21	1,1,1-trichloroethane		88		.5
22	1,1-dichloropropene		84		.5
23	Carbon tetrachloride		90		.5
24	Benzene		86		.5
25	Trichloroethene		84		.5
26	1,2-dichloropropane		72		.5
27	Dibromomethane		84		.5
28	Bromodichloromethane		86		.5
29	Methyl iso-butyl ketone		80		1.0
30	cis-1,3-dichloropropene		76		.5
31	Toluene		90		.5
32	trans-1,3-dichloropropene		80		.5
33	1,1,2-trichloroethane		82		.5
34	Tetrachloroethene		92		.5
35	1,3-dichloropropane		78		.5
36	Dibromochloromethane		88		2.0
37	Chlorobenzene		94		.5
38	1,1,1,2-tetrachloroethane		90		.5
39	Ethylbenzene		94		.5
40	P & M-xylene		94		.5
41	O-xylene		94		.5
42	Styrene		88		.5
43	1,1,2,2-tetrachloroethane		76		.5
44	Bromoform		80		2.0
45	Isopropylbenzene		92		.5
46	1,2,3-trichloropropane		88		.5
47	N-propylbenzene		84		.5
48	Bromobenzene		90		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:03:05

Sample: AE10890
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/8/02 14:02 Ended: 5/8/02 14:02 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		92		.5
50	2-chlorotoluene		82		.5
51	4-chlorotoluene		90		.5
52	TERT-butylbenzene		90		.5
53	1,2,4-trimethylbenzene		90		.5
54	SEC-butylbenzene		88		.5
55	P-isopropyltoluene		96		.5
56	1,3-dichlorobenzene		90		.5
57	1,4-dichlorobenzene		88		.5
58	N-butylbenzene		90		.5
59	1,2-dichlorobenzene		88		.5
60	1,2,4-trichlorobenzene		86		.5
61	Hexachlorobutadiene		84		.5
62	Naphthalene		76		.5
63	1,2,3-trichlorobenzene		86		.5
64	Ethanol				
65	Nitrobenzene		97		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:02:43

Sample: AE10890
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/7/02 00:03 Ended: 5/7/02 00:03 Analyst: BH
Result source: a:\0507r5a.rr
Page: 1

	Component-Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.7		
2	4-BROMOFLUOROBENZENE		5.1		
3	DICHLORODIFLUOROMETHAN		5.2		.5
4	CHLOROMETHANE		4.4		.5
5	VINYL CHLORIDE		5.5		.5
6	BROMOMETHANE		5.6		.5
7	CHLOROETHANE		5.1		.5
8	TRICHLOROFLUOROMETHANE		5.3		.5
9	ACETONE		17		.5
10	1,1-DICHLOROETHENE		4.3		.5
11	METHYLENE CHLORIDE		3.7		.5
12	METHYL TERT BUTYL ETHER		3.6		1
13	TRANS-1,2-DICHLOROETHEN		3.9		.5
14	1,1-DICHLOROETHANE		3.9		.5
15	2-BUTANONE (MEK)		15		.5
16	2,2-DICHLOROPROPANE		4.1		.5
17	CIS-1,2-DICHLOROETHENE		4.5		.5
18	CHLOROFORM		4.4		.5
19	BROMOCHLOROMETHANE		3.6		.5
20	1,2-DICHLOROETHANE		4.0		.5
21	TOLUENE-D8		4.9		
22	1,1,1-TRICHLOROETHANE		4.4		.5
23	1,1-DICHLOROPROPENE		4.2		.5
24	CARBON TETRACHLORIDE		4.5		.5
25	BENZENE		4.3		.5
26	TRICHLOROETHENE		4.2		.5
27	1,2-DICHLOROPROPANE		3.6		.5
28	DIBROMOMETHANE		4.2		.5
29	BROMODICHLOROMETHANE		4.3		.5
30	2-CHLOROETHYL VINYL ETHE		15		.5
31	METHYL ISO-BUTYL KETONE		16		1
32	CIS-1,3-DICHLOROPROPENE		3.8		.5
33	TOLUENE		4.5		.5
34	TRANS-1,3-DICHLOROPROPE		4.0		.5
35	1,1,2-TRICHLOROETHANE		4.1		.5
36	TETRACHLOROETHENE		4.6		.5
37	1,3-DICHLOROPROPANE		3.9		.5
38	DIBROMOCHLOROMETHANE		4.4		2
39	1,2-DIBROMOETHANE		3.9		.5
40	CHLOROBENZENE		4.7		.5
41	1,1,1,2-TETRACHLOROETHA		4.5		.5
42	2-HEXANONE		15		.5
43	ETHYLBENZENE		4.7		.5
44	P & M-XYLENE		9.4		.5
45	O-XYLENE		4.7		.5
46	STYRENE		4.4		.5
47	1,1,2,2-TETRACHLOROETHA		3.8		.5
48	BROMOFORM		4.0		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:02:43

Sample: AE10890
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/7/02 00:03 Ended: 5/7/02 00:03 Analyst: BH
Result source: a:\0507r5a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.6		.5
50	1,2,3-TRICHLOROPROPANE		4.4		.5
51	N-PROPYLBENZENE		4.2		.5
52	BROMOBENZENE		4.5		.5
53	1,3,5-TRIMETHYLBENZENE		4.6		.5
54	2-CHLOROTOLUENE		4.1		.5
55	4-CHLOROTOLUENE		4.5		.5
56	TERT-BUTYLBENZENE		4.5		.5
57	1,2,4-TRIMETHYLBENZENE		4.5		.5
58	SEC-BUTYLBENZENE		4.4		.5
59	P-ISOPROPYLTOLUENE		4.8		.5
60	1,3-DICHLOROBENZENE		4.5		.5
61	1,4-DICHLOROBENZENE		4.4		.5
62	N-BUTYLBENZENE		4.5		.5
63	1,2-DICHLOROBENZENE		4.4		.5
64	1,2-DIBROMO-3-CHLOROPRO		3.5		.5
65	1,2,4-TRICHLOROBENZENE		4.3		.5
66	HEXACHLOROBUTADIENE		4.2		.5
67	NAPHTHALENE		3.8		.5
68	1,2,3-TRICHLOROBENZENE		4.3		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		97		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may07\0507R5.D Vial: 4
Acq On : 7 May 2002 1:58 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 14:37 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1493771	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1382490	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.95	152	668301	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	645836	4.72	ug/L	0.02
Spiked Amount 5.000			Recovery =	94.40%		
3) 4-BROMOFLUOROBENZENE	24.36	174	543717	4.92	ug/L	0.03
Spiked Amount 5.000			Recovery =	98.40%		
25) TOLUENE-D8	18.47	98	1777046	4.97	ug/L	0.03
Spiked Amount 5.000			Recovery =	99.40%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	369250	6.31	ug/L	99
5) CHLOROMETHANE	5.44	50	385053	5.12	ug/L	94
6) VINYL CHLORIDE	5.60	62	325581	6.70	ug/L	99
7) BROMOMETHANE	6.59	94	258560	6.60	ug/L	97
8) CHLOROETHANE	6.73	64	259912	6.10	ug/L	93
9) TRICHLOROFLUOROMETHANE	7.28	101	472926	6.41	ug/L	99
12) ACETONE	8.26	43	204052	16.06	ug/L	96
13) 1,1-DICHLOROETHENE	8.62	61	535956	4.33	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	427951	3.66	ug/L	94
15) METHYL TERT BUTYL ETHER	9.91	73	278433	3.44	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.28	61	504035	3.94	ug/L	91
17) 1,1-DICHLOROETHANE	11.17	63	562807	3.97	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	168423	13.63	ug/L	87
19) 2,2-DICHLOROPROPANE	12.38	77	427466	4.17	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.48	96	321304	4.54	ug/L	91
21) CHLOROFORM	12.82	83	600755	4.47	ug/L	98
22) BROMOCHLOROMETHANE	13.20	49	228059	3.68	ug/L	78
23) 1,2-DICHLOROETHANE	14.54	62	411520	3.98	ug/L	95
26) 1,1,1-TRICHLOROETHANE	13.71	97	476675	4.70	ug/L	98
27) 1,1-DICHLOROPROPENE	14.03	75	455070	4.32	ug/L	99
28) CARBON TETRACHLORIDE	14.30	117	415380	4.86	ug/L	97
29) BENZENE	14.64	78	1071684	4.42	ug/L	99
30) TRICHLOROETHENE	15.92	95	336899	4.33	ug/L	93
31) 1,2-DICHLOROPROPANE	16.28	63	255396	3.68	ug/L	97
32) DIBROMOMETHANE	16.94	174	129825	4.35	ug/L	98
33) BROMODICHLOROMETHANE	16.79	83	396513	4.45	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	310768	14.90	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.35	58	138302	15.49	ug/L	89
36) CIS-1,3-DICHLOROPROPENE	17.88	75	341756	3.79	ug/L	98
37) TOLUENE	18.64	91	1104957	4.50	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	246798	3.91	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	157440	4.12	ug/L	95
40) TETRACHLOROETHENE	20.09	166	323248	4.78	ug/L	95
41) 1,3-DICHLOROPROPANE	19.84	76	298175	3.88	ug/L	97
42) DIBROMOCHLOROMETHANE	20.53	129	195481	4.44	ug/L	99
43) 1,2-DIBROMOETHANE	20.98	107	150447	3.88	ug/L	97
44) CHLOROBENZENE	21.86	112	686316	4.64	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	238040	4.43	ug/L	98
46) 2-HEXANONE	19.21	43	245387	14.41	ug/L	97
47) ETHYLBENZENE	21.90	91	1321569	4.74	ug/L	100
48) P & M-XYLENE	22.05	106	845212	9.31	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may07\0507R5.D Vial: 4
Acq On : 7 May 2002 1:58 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 14:37 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

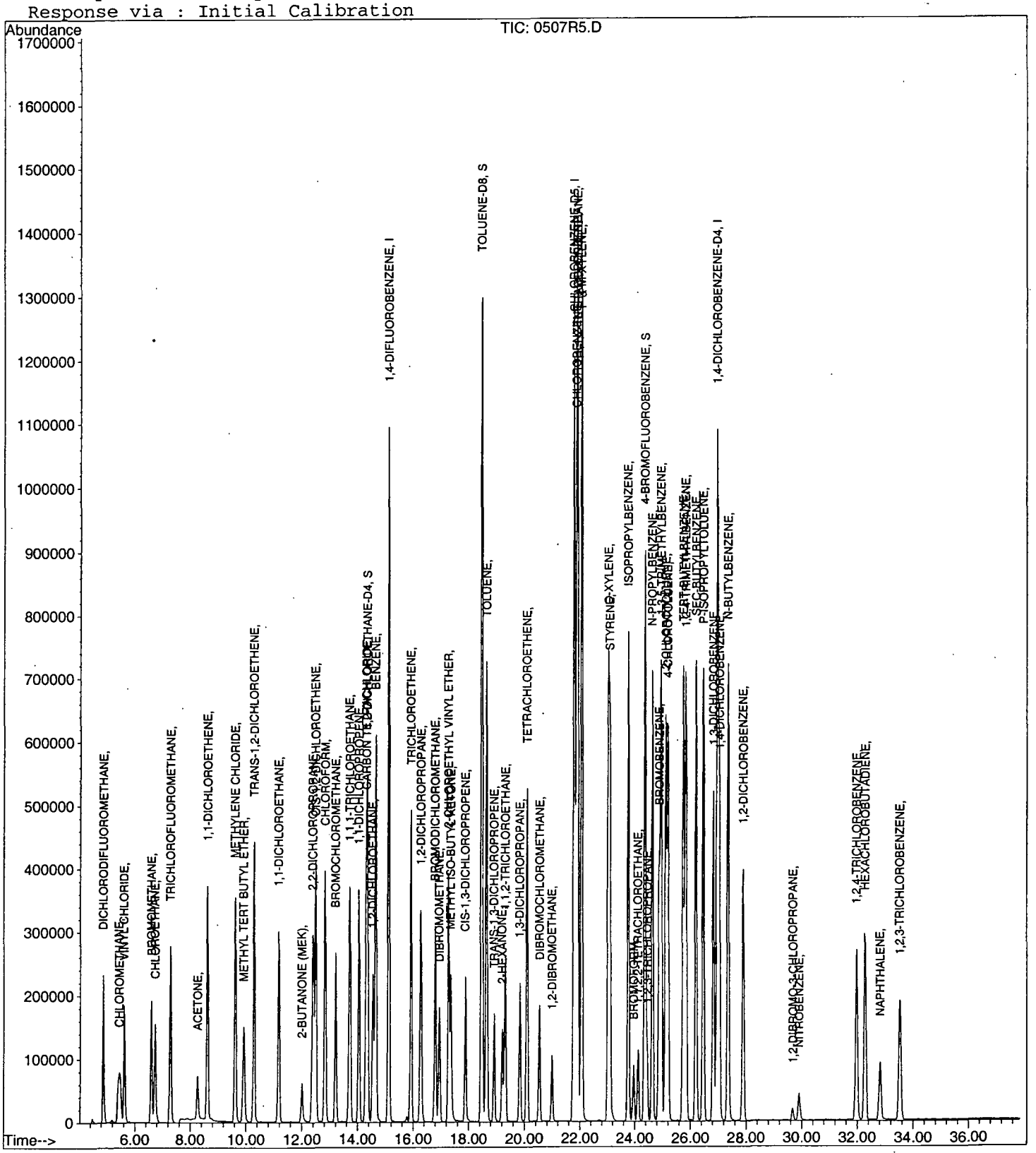
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.04	91	979470	4.58	ug/L	98
50)	STYRENE	23.09	104	624404	4.36	ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	132212	3.67	ug/L	100
53)	BROMOFORM	23.96	173	87375	4.12	ug/L	97
54)	ISOPROPYLBENZENE	23.75	105	1087645	4.58	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.45	110	48177	4.38	ug/L	89
56)	N-PROPYLBENZENE	24.62	91	1341243	4.18	ug/L	99
57)	BROMOBENZENE	24.87	156	260967	4.47	ug/L	90
58)	1,3,5-TRIMETHYLBENZENE	24.94	105	981682	4.56	ug/L	99
59)	2-CHLOROTOLUENE	25.11	91	965468	4.46	ug/L	98
60)	4-CHLOROTOLUENE	25.18	91	832586	4.17	ug/L	97
61)	TERT-BUTYLBENZENE	25.74	119	845155	4.50	ug/L	96
62)	1,2,4-TRIMETHYLBENZENE	25.83	105	994988	4.50	ug/L	98
63)	SEC-BUTYLBENZENE	26.20	105	1163978	4.46	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.46	119	944325	4.73	ug/L	99
65)	1,3-DICHLOROBENZENE	26.82	146	492252	4.52	ug/L	98
66)	1,4-DICHLOROBENZENE	27.04	146	493673	4.40	ug/L	99
67)	N-BUTYLBENZENE	27.34	91	980312	4.49	ug/L	99
68)	1,2-DICHLOROBENZENE	27.89	146	400936	4.36	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	18033	3.65	ug/L	93
70)	1,2,4-TRICHLOROBENZENE	31.97	180	250924	4.24	ug/L	99
71)	HEXACHLOROBUTADIENE	32.28	225	182203	4.30	ug/L	96
72)	NAPHTHALENE	32.83	128	227236	3.43	ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.52	180	194569	4.17	ug/L	97
74)	NITROBENZENE	29.90	77	69061	91.38	ug/L	95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may07\0507R5.D Vial: 4
Acq On : 7 May 2002 1:58 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : May 6, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 14:37 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may07\0507R5A.D Vial: 5
Acq On : 7 May 2002 3:14 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 15:53 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1551998	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.78	117	1473874	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	728223	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	668732	4.71	ug/L	0.03
Spiked Amount 5.000			Recovery =	94.20%		
3) 4-BROMOFLUOROBENZENE	24.36	174	585205	5.10	ug/L	0.03
Spiked Amount 5.000			Recovery =	102.00%		
25) TOLUENE-D8	18.47	98	1881395	4.94	ug/L	0.03
Spiked Amount 5.000			Recovery =	98.80%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	317119	5.21	ug/L	99
5) CHLOROMETHANE	5.45	50	344761	4.41	ug/L	98
6) VINYL CHLORIDE	5.62	62	285223	5.49	ug/L	99
7) BROMOMETHANE	6.59	94	228351	5.61	ug/L	97
8) CHLOROETHANE	6.73	64	225364	5.09	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.28	101	406894	5.31	ug/L	96
12) ACETONE	8.26	43	229520	17.38	ug/L	94
13) 1,1-DICHLOROETHENE	8.62	61	554750	4.31	ug/L	99
14) METHYLENE CHLORIDE	9.62	49	444624	3.66	ug/L	92
15) METHYL TERT BUTYL ETHER	9.93	73	304671	3.62	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.28	61	518749	3.91	ug/L	95
17) 1,1-DICHLOROETHANE	11.17	63	575486	3.91	ug/L	96
18) 2-BUTANONE (MEK)	12.00	43	193215	15.05	ug/L	92
19) 2,2-DICHLOROPROPANE	12.40	77	438318	4.12	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.50	96	329276	4.48	ug/L	92
21) CHLOROFORM	12.82	83	612640	4.39	ug/L	95
22) BROMOCHLOROMETHANE	13.21	49	234736	3.64	ug/L	77
23) 1,2-DICHLOROETHANE	14.54	62	426749	3.97	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.72	97	479185	4.43	ug/L	98
27) 1,1-DICHLOROPROPENE	14.05	75	467045	4.16	ug/L	99
28) CARBON TETRACHLORIDE	14.30	117	413910	4.54	ug/L	96
29) BENZENE	14.64	78	1114403	4.31	ug/L	98
30) TRICHLOROETHENE	15.92	95	347770	4.19	ug/L	97
31) 1,2-DICHLOROPROPANE	16.28	63	269564	3.64	ug/L	97
32) DIBROMOMETHANE	16.96	174	133840	4.21	ug/L	99
33) BROMODICHLOROMETHANE	16.80	83	409727	4.31	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	341159	15.30	ug/L	95
35) METHYL ISO-BUTYL KETONE	17.35	58	156368	16.43	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.89	75	364317	3.79	ug/L	99
37) TOLUENE	18.64	91	1175513	4.49	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.93	75	269412	4.00	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	166805	4.10	ug/L	98
40) TETRACHLOROETHENE	20.09	166	333164	4.62	ug/L	99
41) 1,3-DICHLOROPROPANE	19.84	76	322101	3.93	ug/L	98
42) DIBROMOCHLOROMETHANE	20.53	129	206139	4.39	ug/L	98
43) 1,2-DIBROMOETHANE	20.99	107	162706	3.93	ug/L	97
44) CHLOROBENZENE	21.86	112	745588	4.73	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	257498	4.50	ug/L	98
46) 2-HEXANONE	19.21	43	277433	15.28	ug/L	98
47) ETHYLBENZENE	21.91	91	1401471	4.71	ug/L	98
48) P & M-XYLENE	22.07	106	912643	9.43	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may07\0507R5A.D Vial: 5
Acq On : 7 May 2002 3:14 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 7 15:53 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.04	91	1060138	4.65	ug/L	98
50)	STYRENE	23.10	104	678684	4.45	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	145852	3.79	ug/L	97
53)	BROMOFORM	23.96	173	93607	4.05	ug/L	97
54)	ISOPROPYLBENZENE	23.77	105	1188910	4.59	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.45	110	52195	4.35	ug/L	97
56)	N-PROPYLBENZENE	24.64	91	1469456	4.21	ug/L	100
57)	BROMOBENZENE	24.87	156	287271	4.52	ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.94	105	1070580	4.56	ug/L	99
59)	2-CHLOROTOLUENE	25.11	91	976494	4.14	ug/L	99
60)	4-CHLOROTOLUENE	25.20	91	987359	4.54	ug/L	98
61)	TERT-BUTYLBENZENE	25.74	119	926820	4.53	ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.83	105	1081533	4.48	ug/L	99
63)	SEC-BUTYLBENZENE	26.20	105	1262439	4.43	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.46	119	1037011	4.77	ug/L	99
65)	1,3-DICHLOROBENZENE	26.82	146	531930	4.48	ug/L	98
66)	1,4-DICHLOROBENZENE	27.04	146	534657	4.38	ug/L	96
67)	N-BUTYLBENZENE	27.34	91	1069891	4.49	ug/L	99
68)	1,2-DICHLOROBENZENE	27.89	146	439229	4.39	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	18750	3.48	ug/L	86
70)	1,2,4-TRICHLOROBENZENE	31.97	180	274479	4.25	ug/L	97
71)	HEXACHLOROBUTADIENE	32.28	225	192896	4.18	ug/L	99
72)	NAPHTHALENE	32.83	128	275110	3.81	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.54	180	218263	4.30	ug/L	99
74)	NITROBENZENE	29.90	77	85540	97.02	ug/L	97

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

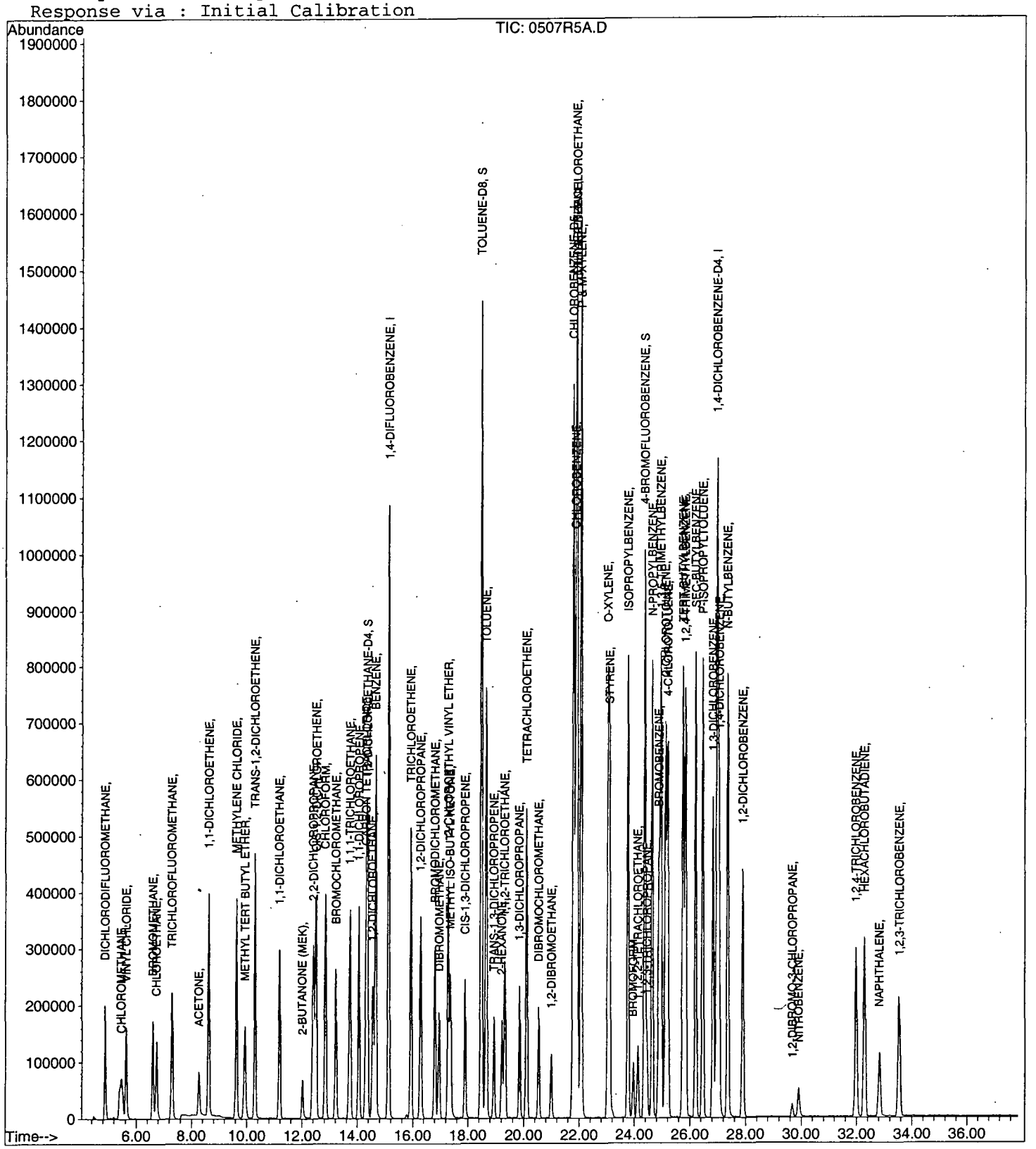
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may07\0507R5A.D
Acq On : 7 May 2002 3:14 pm
Sample : ref 5
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 7 15:53 2002

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

Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B3.D Vial: 3
Acq On : 7 May 2002 4:13 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:12 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.09
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.74
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.93
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%		

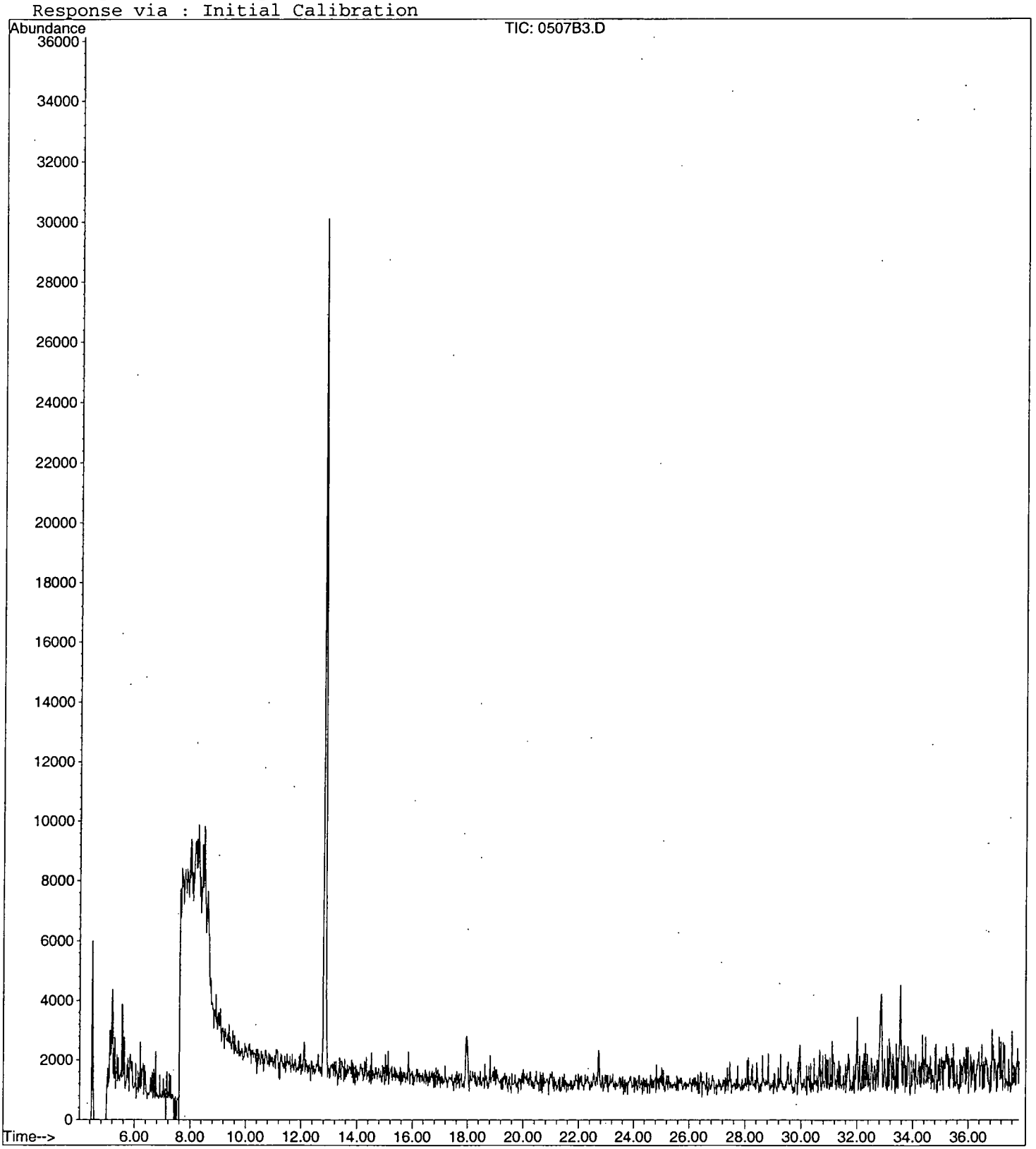
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B3.D Vial: 3
Acq On : 7 May 2002 4:13 pm Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:12 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:03:27

Sample: AE10890
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:04 Ended: 5/7/02 00:04 Analyst: BH
Result source: a:\10890.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 5/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:03:27

Sample: AE10890
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:04 Ended: 5/7/02 00:04 Analyst: BH
Result source: a:\10890.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\02MAY07\10890.D Vial: 4
Acq On : 7 May 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:21 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1089556	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	962592	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	430510	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	483578	4.85	ug/L	0.05
Spiked Amount 5.000			Recovery	=	97.00%	
3) 4-BROMOFLUOROBENZENE	24.38	174	349773	4.34	ug/L	0.05
Spiked Amount 5.000			Recovery	=	86.80%	
25) TOLUENE-D8	18.49	98	1281692	5.15	ug/L	0.05
Spiked Amount 5.000			Recovery	=	103.00%	
Target Compounds						Qvalue
12) ACETONE	8.28	43	10934	1.18	ug/L	54
18) 2-BUTANONE (MEK)	12.06	43	2377	0.26	ug/L	60

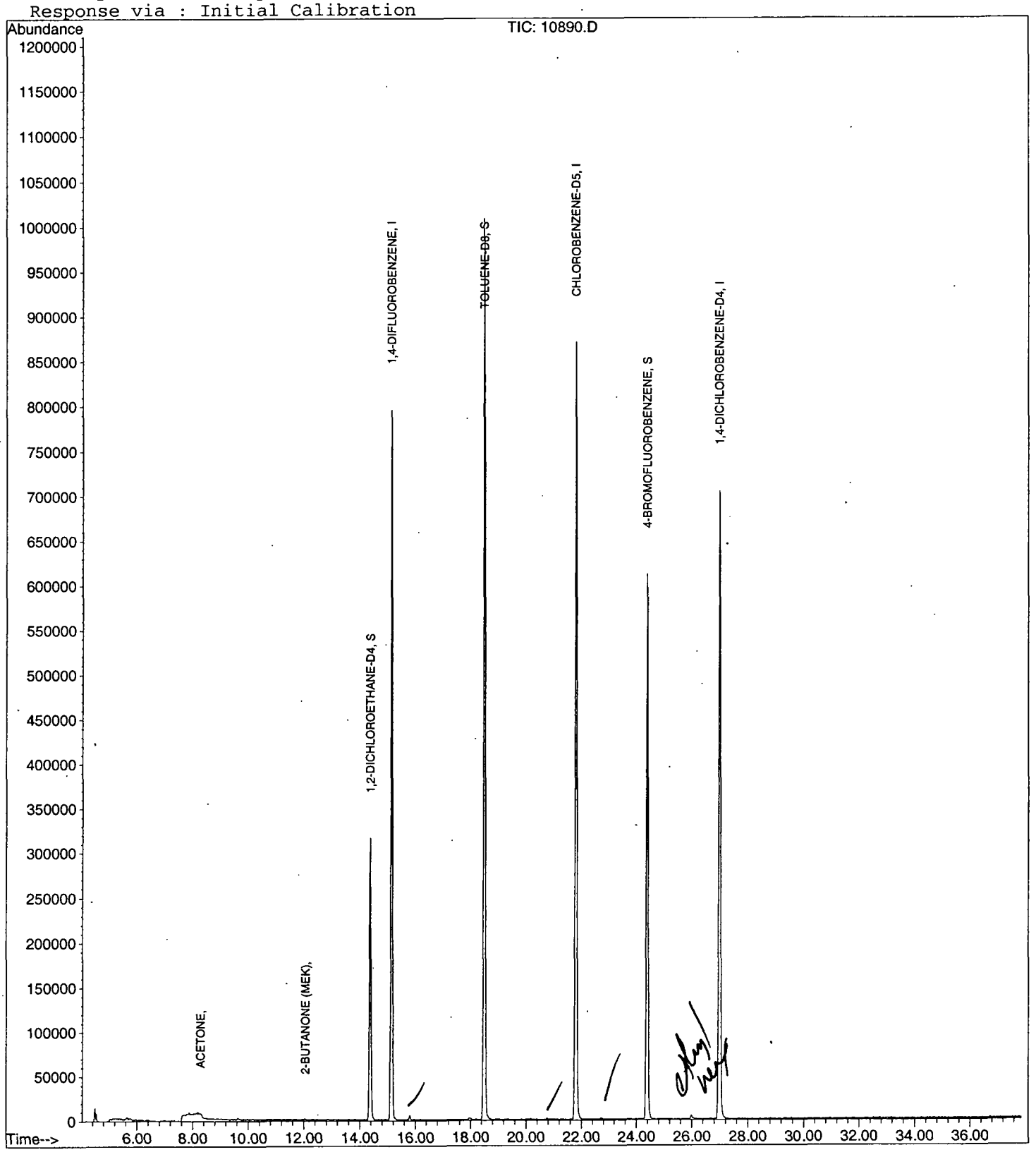
(#) = qualifier out of range (m) = manual integration
10890.D HP042202.M Wed May 08 09:21:52 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890.D
Acq On : 7 May 2002 4:56 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:21 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890.D Vial: 4
Acq On : 7 May 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

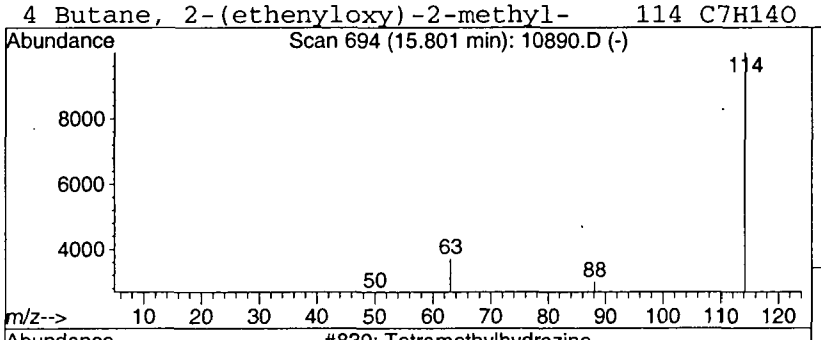
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

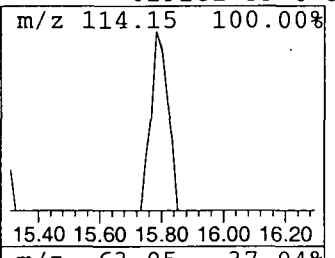
****

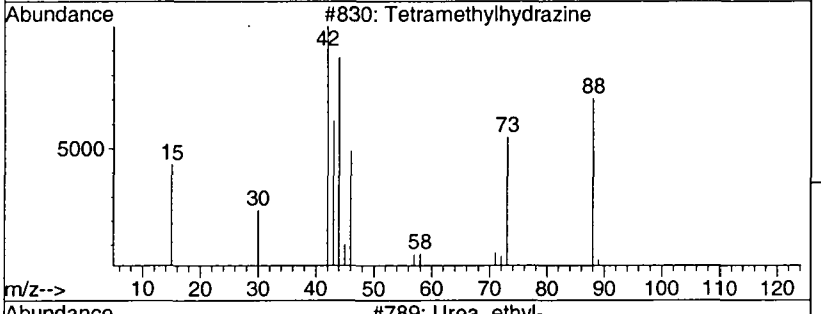
Peak Number 1 Tetramethylhydrazine Concentration Rank 2

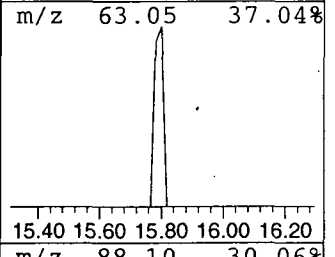
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.02 ug/L	14565	1,4-DIFLUOROBENZENE	15.14

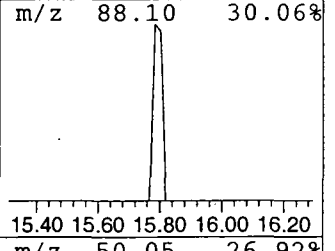
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3

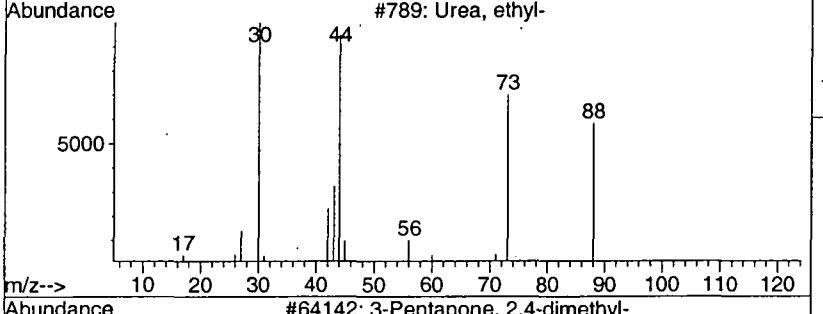


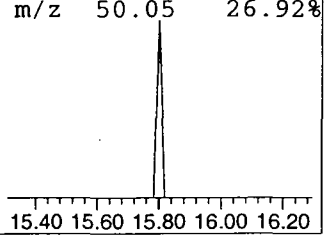


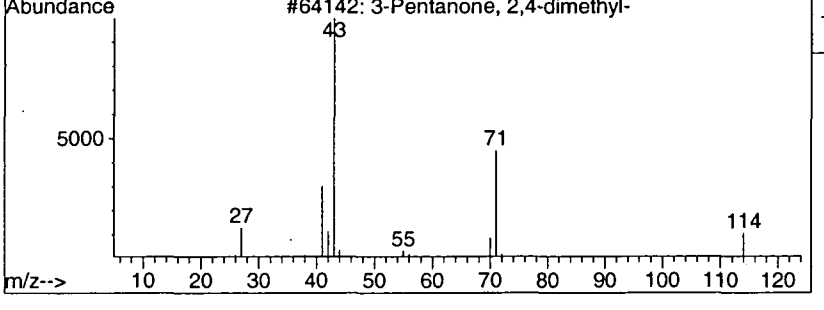












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890.D Vial: 4
Acq On : 7 May 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

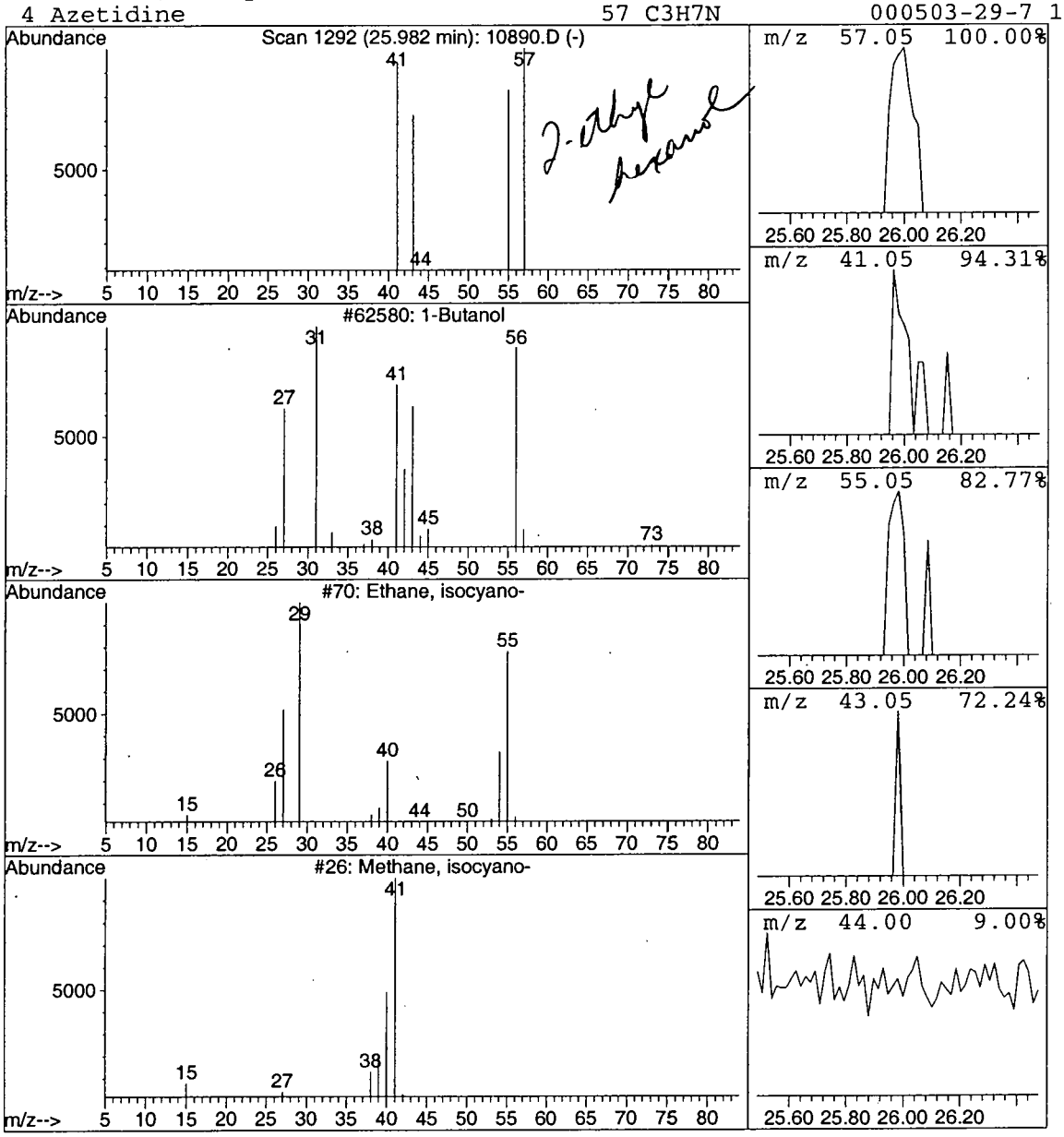
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	0.03 ug/L	15527	1,4-DICHLOROBENZENE-D4	26.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	1
2	Ethane, isocyano-	55	C3H5N	000624-79-3	1
3	Methane, isocyano-	41	C2H3N	000593-75-9	1
4	Azetidine	57	C3H7N	000503-29-7	1



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:03:59

Sample: AE10890
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/7/02 00:05 Ended: 5/7/02 00:05 Analyst: BH
Result source: a:\10890d.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:03:59

Sample: AE10890
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/7/02 00:05 Ended: 5/7/02 00:05 Analyst: BH
Result source: a:\10890d.rr
Page: 2

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:04:11

Sample: AE10890
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/7/02 00:04 Ended: 5/7/02 00:04 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.40
2	Surr - 4-BROMOFLUOROBENZ		0.20
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.20
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:04:11

Sample: AE10890
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/7/02 00:04 Ended: 5/7/02 00:04 Analyst: BH
Result source: calculation

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\10890D.D Vial: 5
Acq On : 7 May 2002 5:39 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:22 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	814137	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	748100	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	338031	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	383901	5.15	ug/L	0.05
Spiked Amount 5.000			Recovery = 103.00%			
3) 4-BROMOFLUOROBENZENE	24.38	174	269105	4.47	ug/L	0.05
Spiked Amount 5.000			Recovery = 89.40%			
25) TOLUENE-D8	18.49	98	965258	4.99	ug/L	0.05
Spiked Amount 5.000			Recovery = 99.80%			
Target Compounds						Qvalue
12) ACETONE	8.28	43	10087	1.46	ug/L	54
18) 2-BUTANONE (MEK)	12.06	43	3417	0.51	ug/L	60

(#) = qualifier out of range (m) = manual integration
10890D.D HP042202.M Wed May 08 09:22:53 2002 Page 1

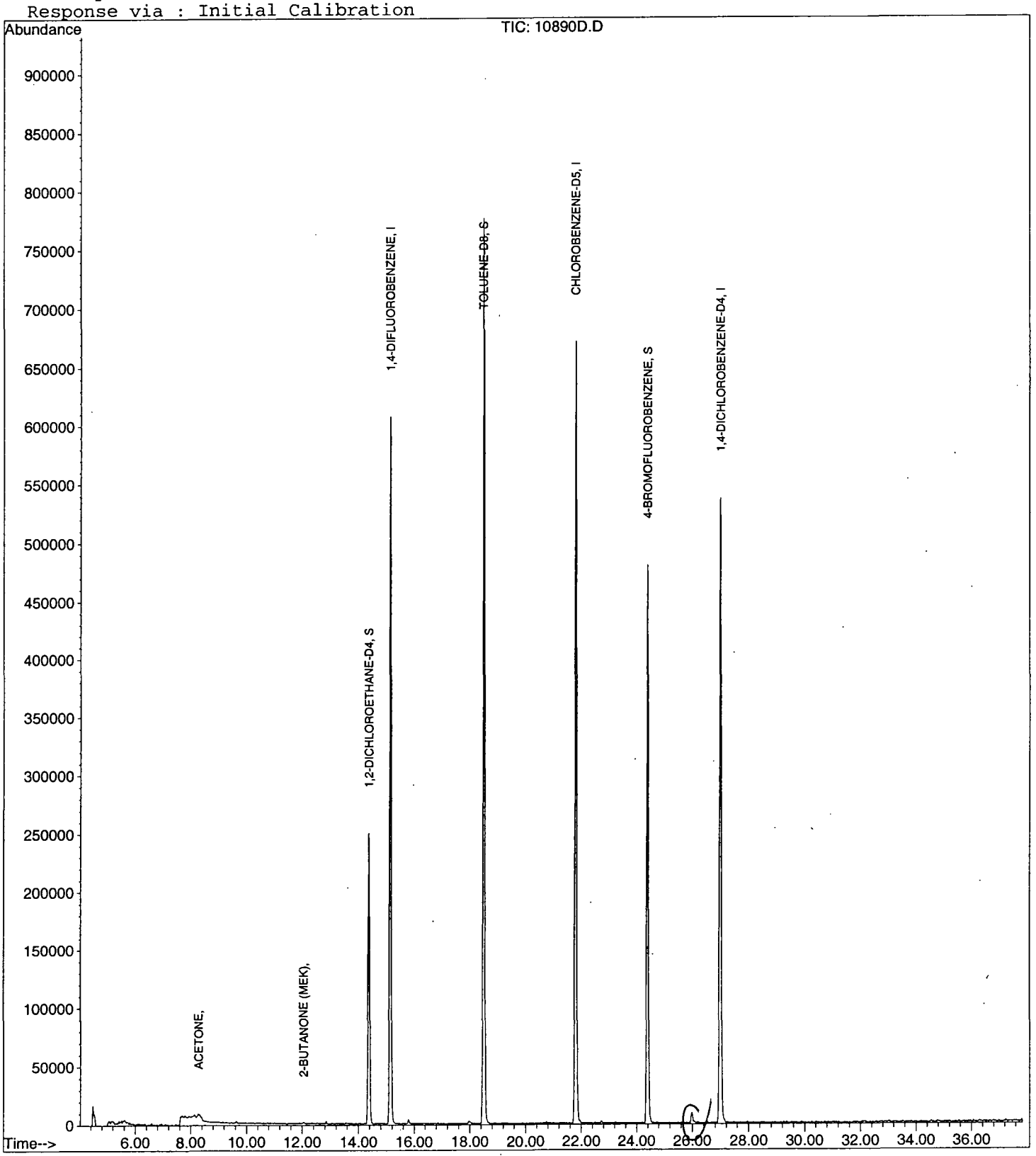
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890D.D
Acq On : 7 May 2002 5:39 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:22 2002

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

Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890D.D Vial: 5
Acq On : 7 May 2002 5:39 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

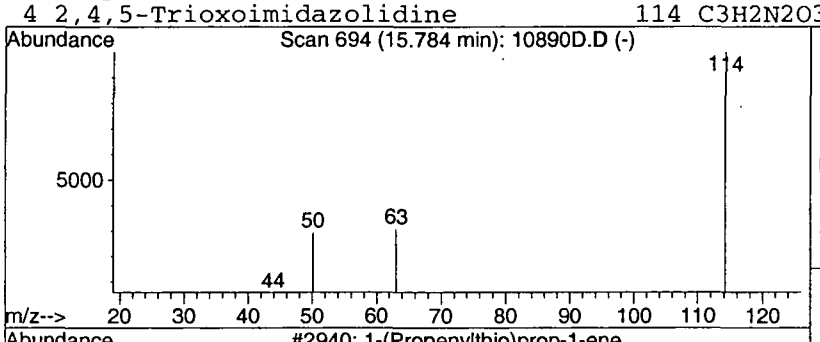
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

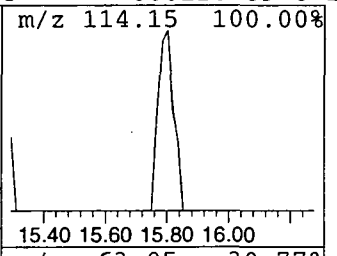
****

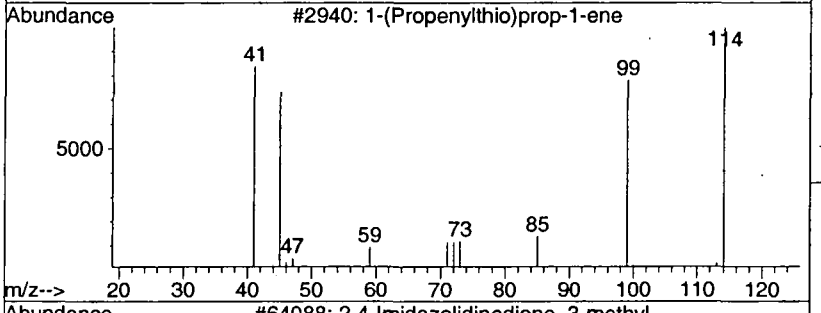
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 2

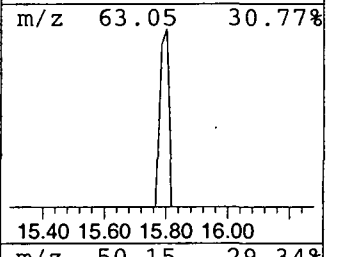
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	12886	1,4-DIFLUOROBENZENE	15.14

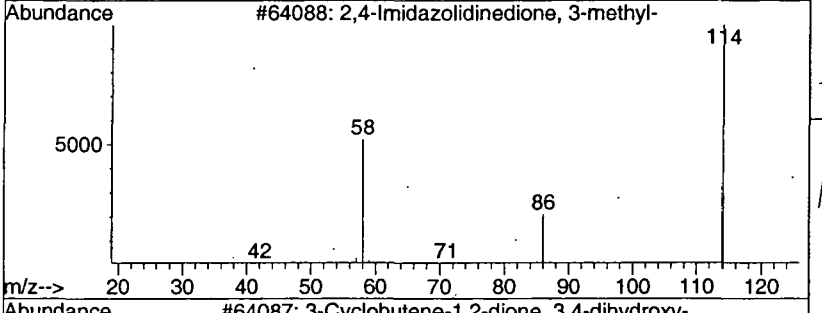
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

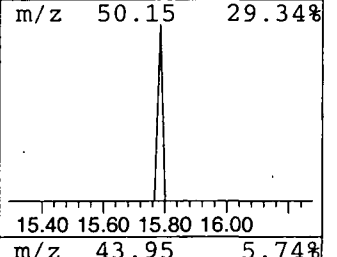


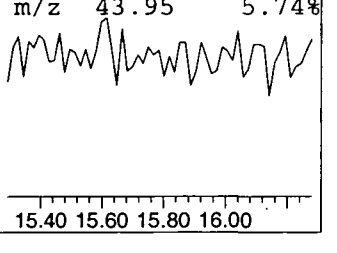


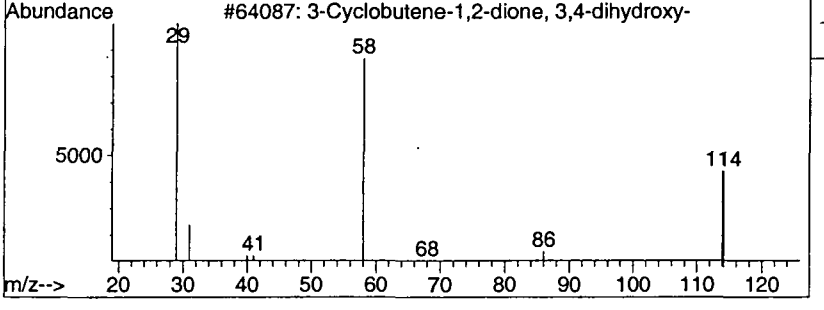












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890D.D
Acq On : 7 May 2002 5:39 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P

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

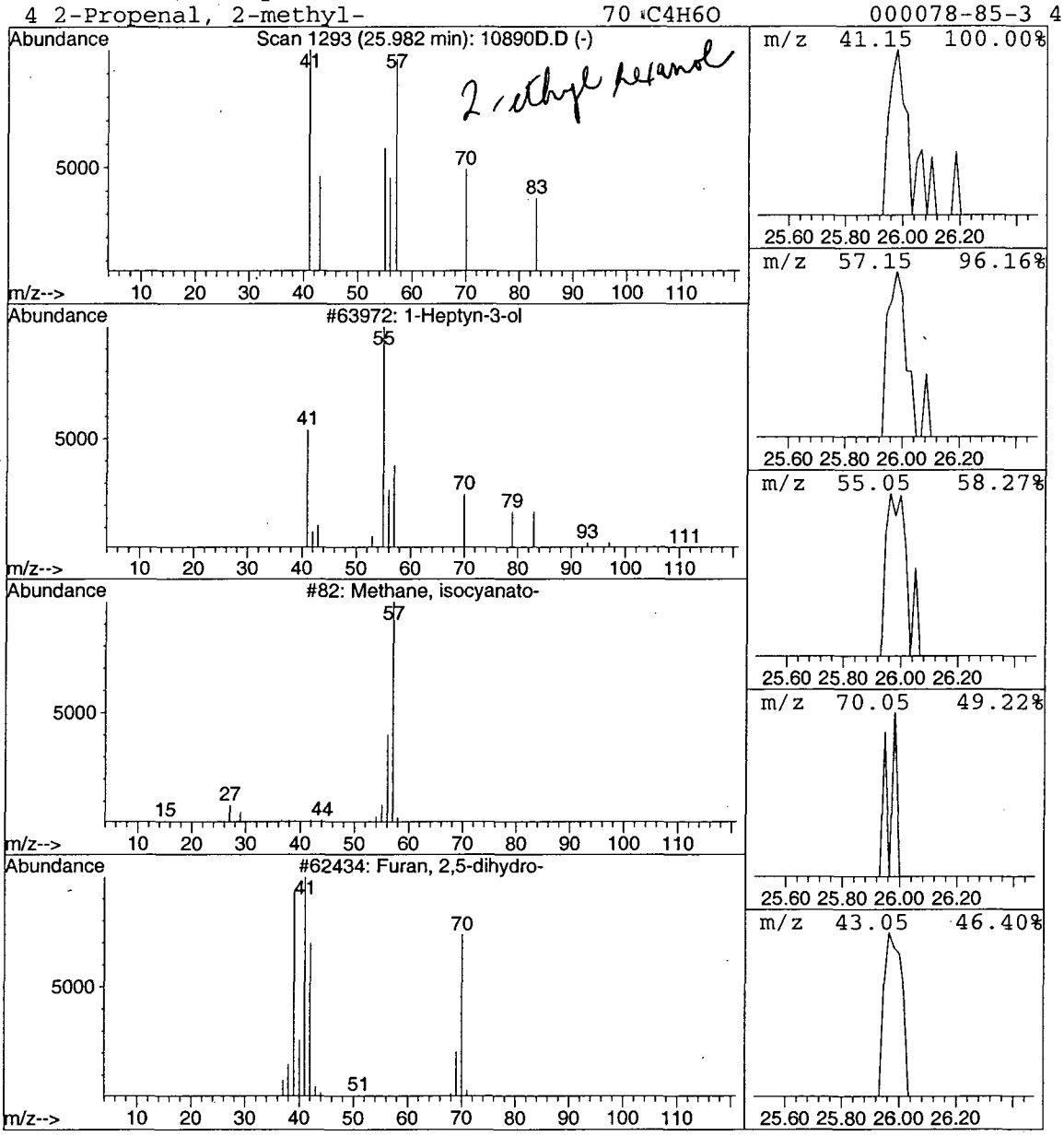
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Heptyn-3-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	0.08 ug/L	34824	1,4-DICHLOROBENZENE-D4	26.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptyn-3-ol	112	C7H12O	007383-19-9	9
2	Methane, isocyanato-	57	C2H3NO	000624-83-9	4
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	4
4	2-Propenal, 2-methyl-	70	C4H6O	000078-85-3	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 09:40:20

Sample: AE10891
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:06 Ended: 5/7/02 00:06 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		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 AT
DATE 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 09:40:20

Sample: AE10891
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:06 Ended: 5/7/02 00:06 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		0.52		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\02MAY07\10891.D Vial: 5
Acq On : 7 May 2002 6:22 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:24 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1075897	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	984998	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	438988	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	505885	5.14	ug/L	0.05
Spiked Amount 5.000			Recovery	= 102.80%		
3) 4-BROMOFLUOROBENZENE	24.38	174	360849	4.54	ug/L	0.05
Spiked Amount 5.000			Recovery	= 90.80%		
25) TOLUENE-D8	18.49	98	1285743	5.05	ug/L	0.05
Spiked Amount 5.000			Recovery	= 101.00%		
Target Compounds						Qvalue
12) ACETONE	8.28	43	11762	1.29	ug/L	82
18) 2-BUTANONE (MEK)	12.04	43	1395	0.16	ug/L	60
65) 1,3-DICHLOROBENZENE	27.05	146	38413	~~0.54~~	~~ug/L~~	97
66) 1,4-DICHLOROBENZENE	27.05	146	38413	0.52	ug/L	95

Rur MP + FB
(See May 8 sequence)

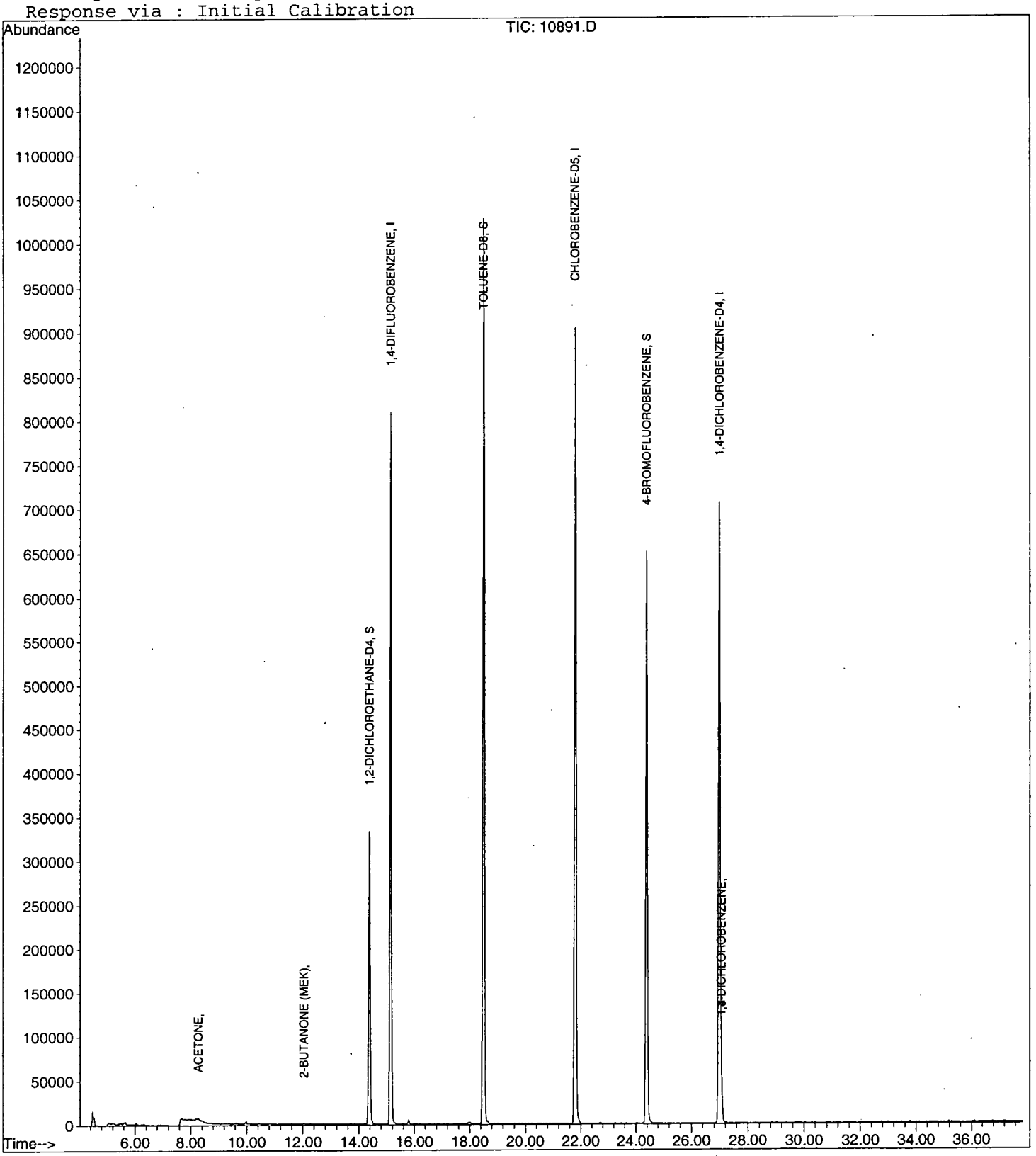
(#) = qualifier out of range (m) = manual integration
10891.D HP042202.M Wed May 08 09:25:04 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10891.D
Acq On : 7 May 2002 6:22 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:24 2002

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10891.D Vial: 5
Acq On : 7 May 2002 6:22 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

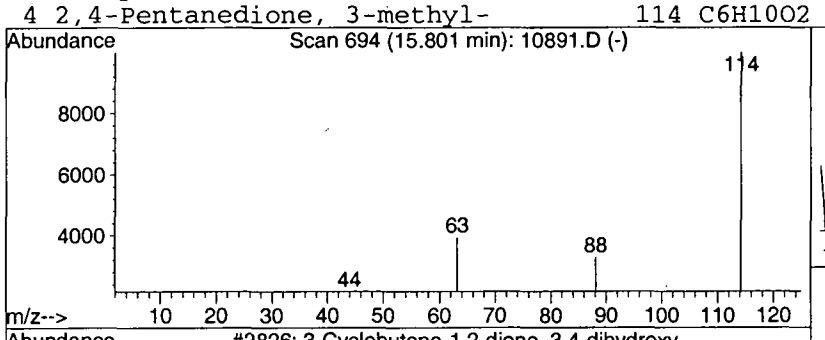
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

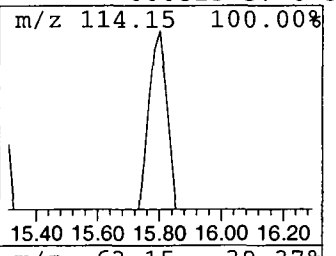
****

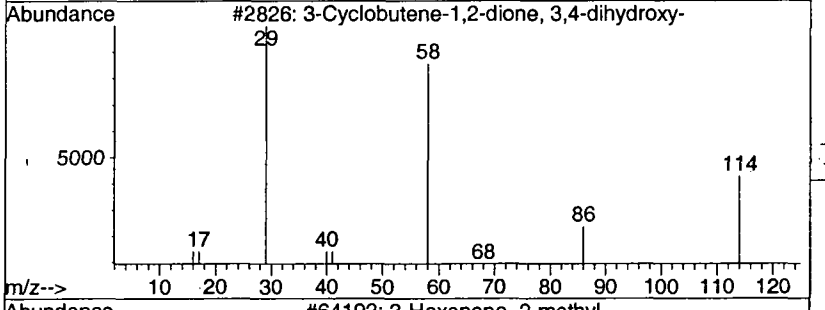
Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 1

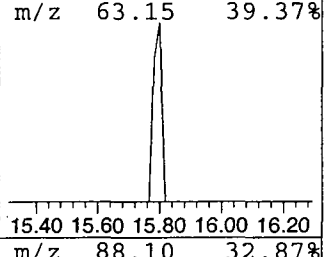
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	16731	1,4-DIFLUOROBENZENE	15.14

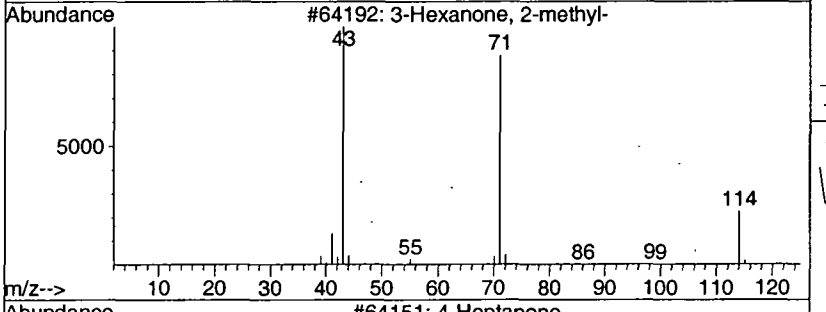
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	3

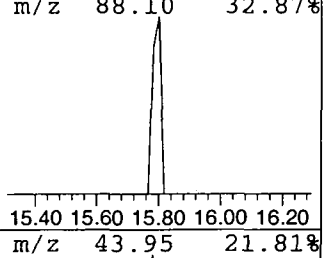


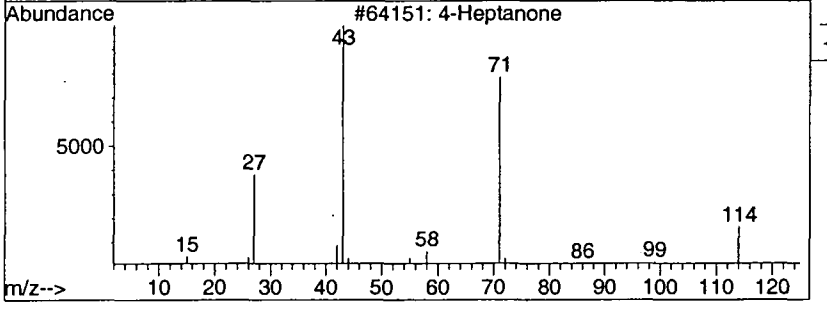


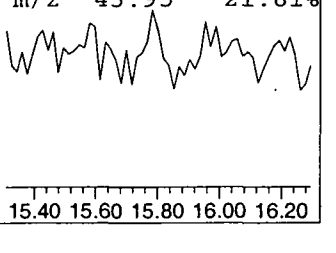












Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may08\10891D.D Vial: 4
Acq On : 8 May 2002 2:48 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 15:26 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1313520	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1199289	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.92	152	543471	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	562736	4.68	ug/L	0.00
Spiked Amount 5.000			Recovery =	93.60%		
3) 4-BROMOFLUOROBENZENE	24.33	174	443697	4.57	ug/L	0.00
Spiked Amount 5.000			Recovery =	91.40%		
25) TOLUENE-D8	18.44	98	1565951	5.05	ug/L	0.00
Spiked Amount 5.000			Recovery =	101.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	8789	0.79	ug/L	54
65) 1,3-DICHLOROBENZENE	27.00	146	35068	~~0.40~~	~~ug/L~~	96
66) 1,4-DICHLOROBENZENE .38	27.00	146	35068	0.38	ug/L	98

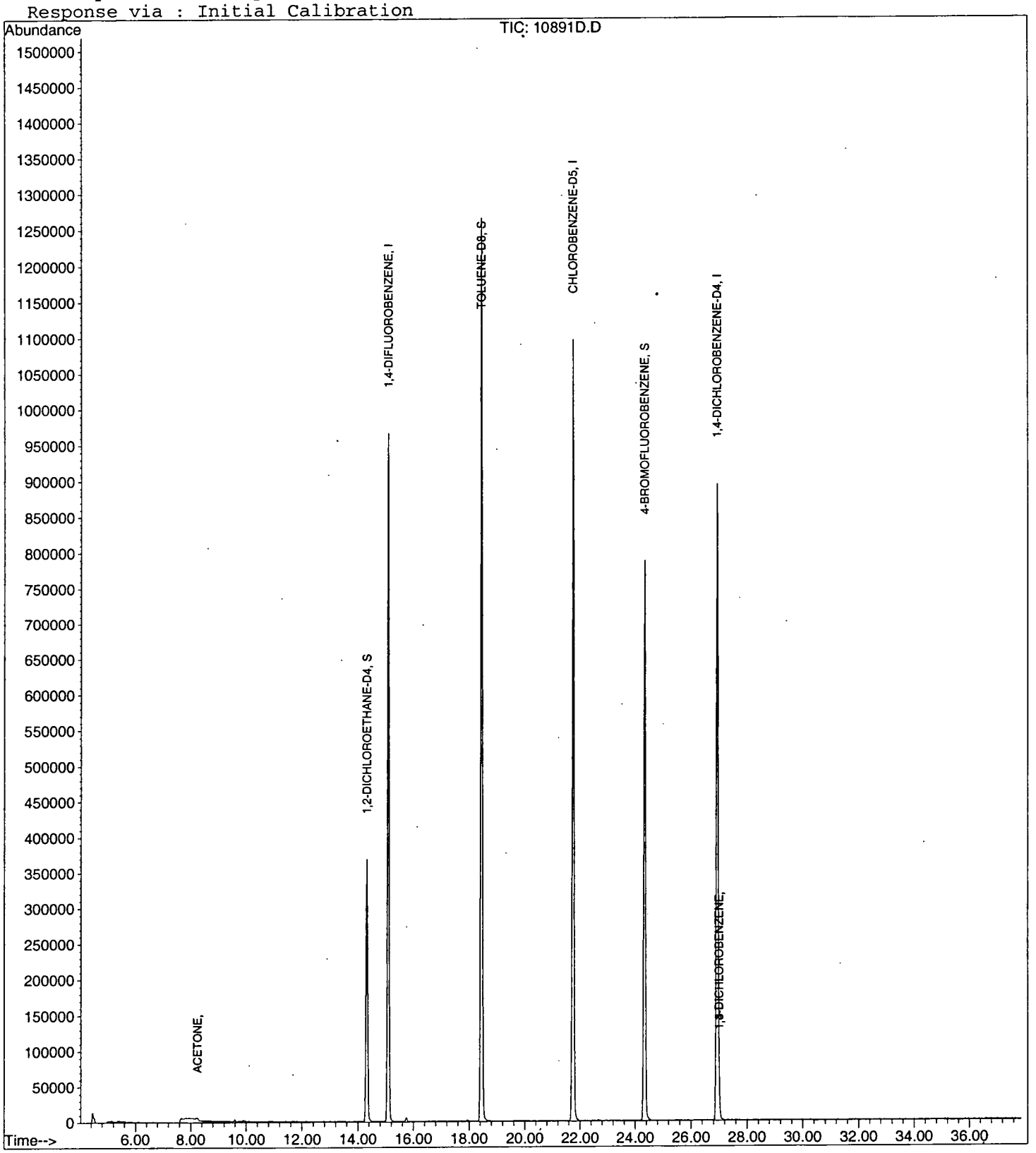
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may08\10891D.D
Acq On : 8 May 2002 2:48 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 15:26 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may08\10891D.D Vial: 4
Acq On : 8 May 2002 2:48 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

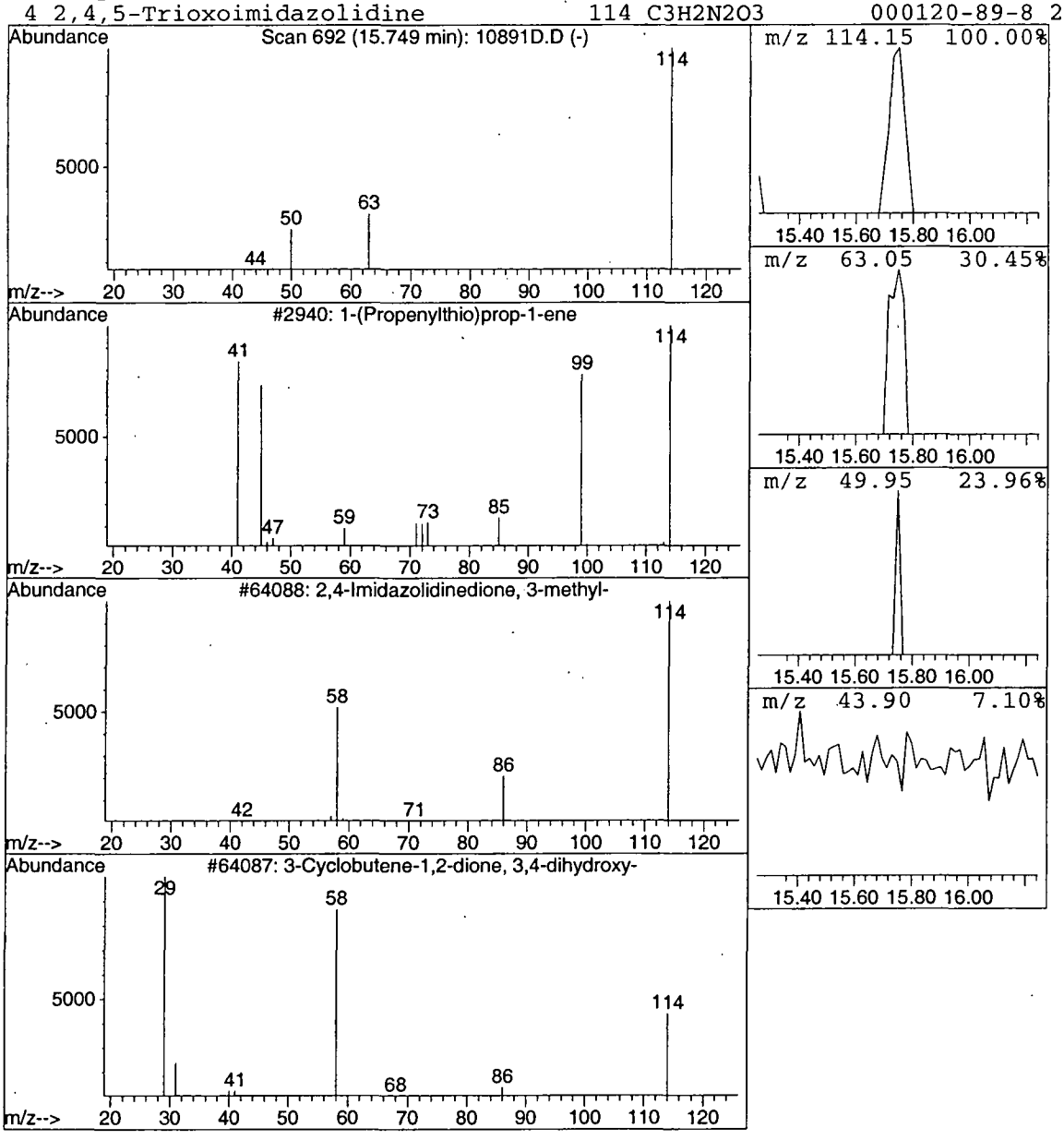
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	21113	1,4-DIFLUOROBENZENE	15.08

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 09:33:37

Sample: AE10891
Analysis: $F_524 *Volatile Organic Compounds-Field Blank*
Units: ug
Started: 5/8/02 09:31 Ended: 5/8/02 09:31 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.7		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 09:33:37

Sample: AE10891
Analysis: $F_524 *Volatile Organic Compounds-Field Blank*
Units: ug
Started: 5/8/02 09:31 Ended: 5/8/02 09:31 Analyst: BH
Result source: manual entry
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\02may08\10891F.D Vial: 5
Acq On : 8 May 2002 3:31 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 16:10 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

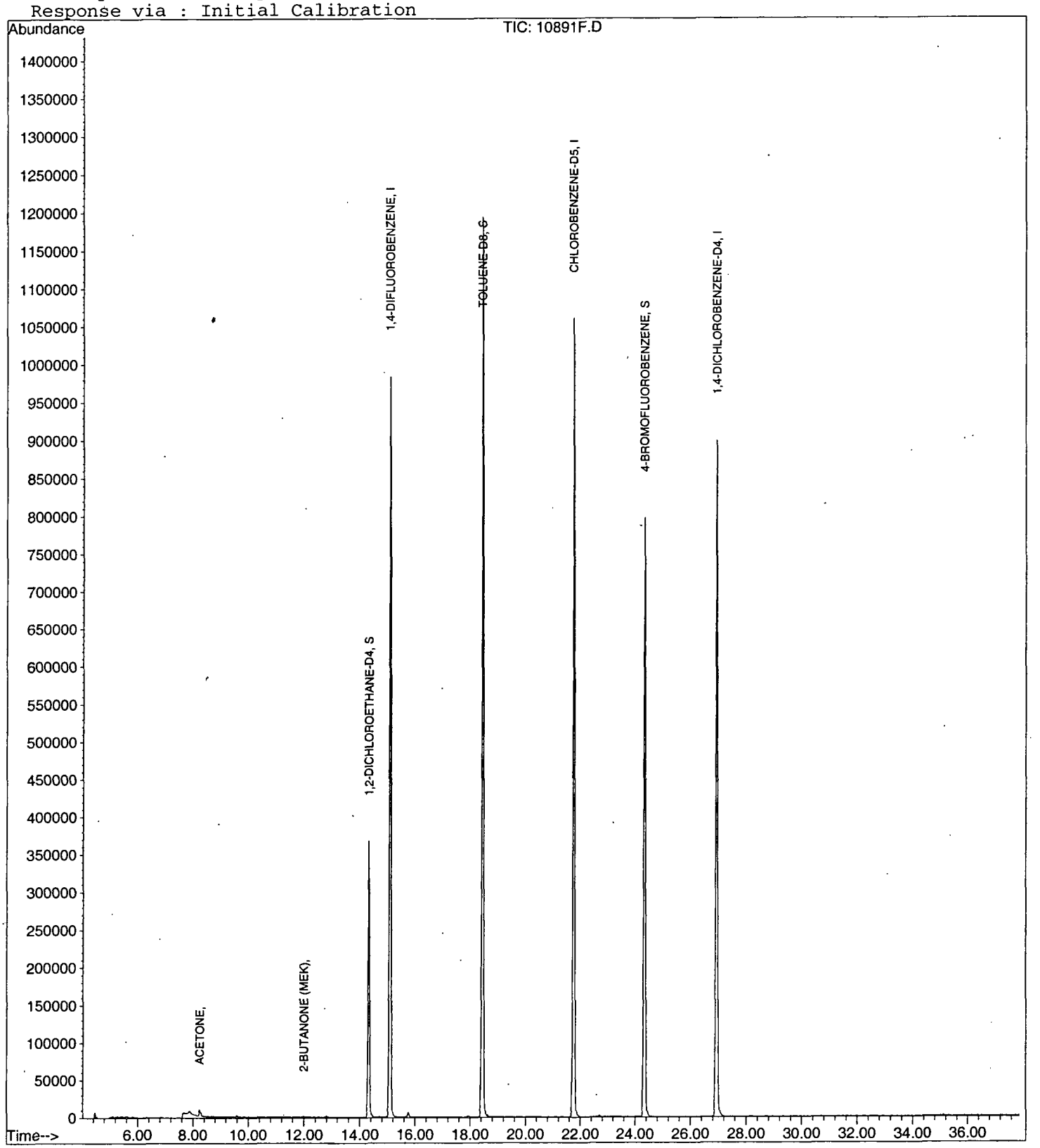
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1292680	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1197327	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.94	152	547504	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	568073	4.80	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.00%			
3) 4-BROMOFLUOROBENZENE	24.33	174	446076	4.67	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.40%			
25) TOLUENE-D8	18.44	98	1559475	5.04	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.80%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	25233	2.29	ug/L	90
18) 2-BUTANONE (MEK)	12.00	43	2918	0.27	ug/L	60

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may08\10891F.D Vial: 5
Acq On : 8 May 2002 3:31 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 16:10 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY08\10891F.D Vial: 5
Acq On : 8 May 2002 3:31 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

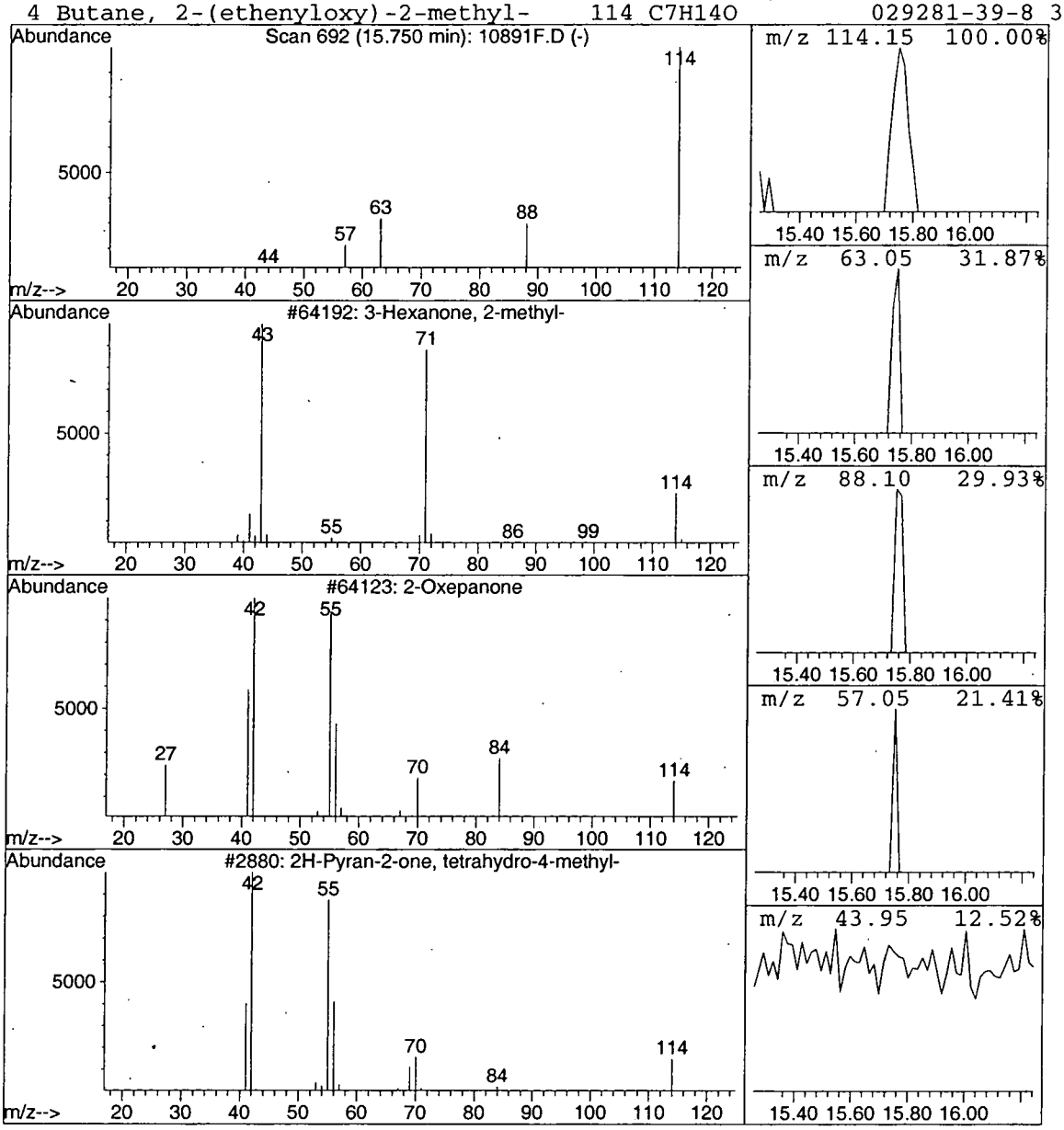
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	20088	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	2-Oxepanone	114	C6H10O2	000502-44-3	3
3	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:05:16

Sample: AE10892
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:07 Ended: 5/7/02 00:07 Analyst: BH
Result source: a:\10892.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		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		5.1		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 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:05:16

Sample: AE10892
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:07 Ended: 5/7/02 00:07 Analyst: BH
Result source: a:\10892.rr

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

Comments for Sample AE10892 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-16-2002 Time: 12:20:44

2-Ethyl hexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.75 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\10892.D Vial: 6
Acq On : 7 May 2002 7:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:25 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1167133	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	1075441	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	502505	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	548228	5.13	ug/L	0.05
Spiked Amount 5.000			Recovery = 102.60%			
3) 4-BROMOFLUOROBENZENE	24.38	174	410773	4.76	ug/L	0.05
Spiked Amount 5.000			Recovery = 95.20%			
25) TOLUENE-D8	18.49	98	1407250	5.06	ug/L	0.05
Spiked Amount 5.000			Recovery = 101.20%			
Target Compounds						Qvalue
12) ACETONE	8.28	43	7734	0.78	ug/L	54
18) 2-BUTANONE (MEK)	12.04	43	3376	0.35	ug/L	60

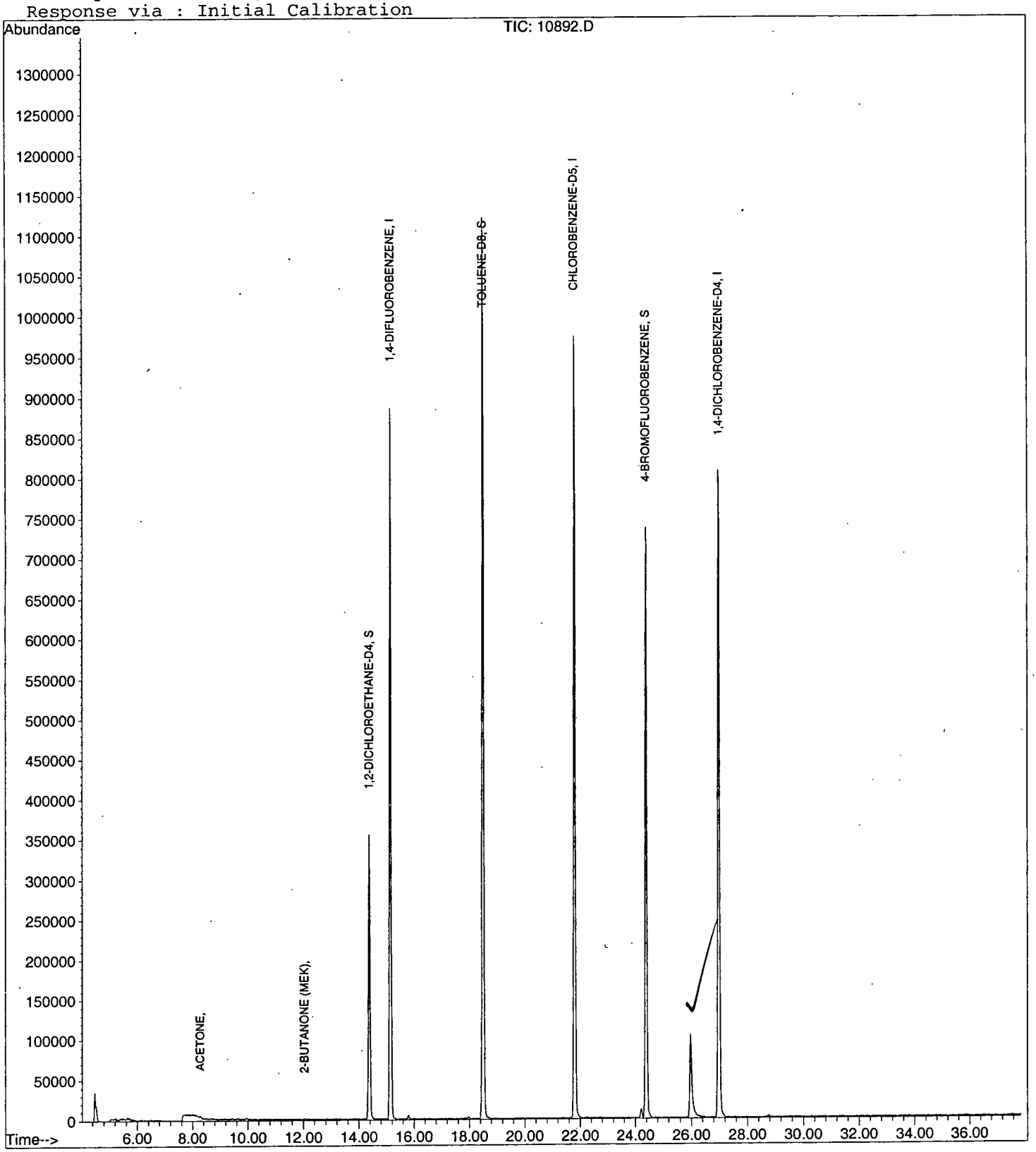
(#) = qualifier out of range (m) = manual integration
10892.D HP042202.M Wed May 08 09:26:05 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10892.D
Acq On : 7 May 2002 7:05 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:25 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10892.D Vial: 6
Acq On : 7 May 2002 7:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

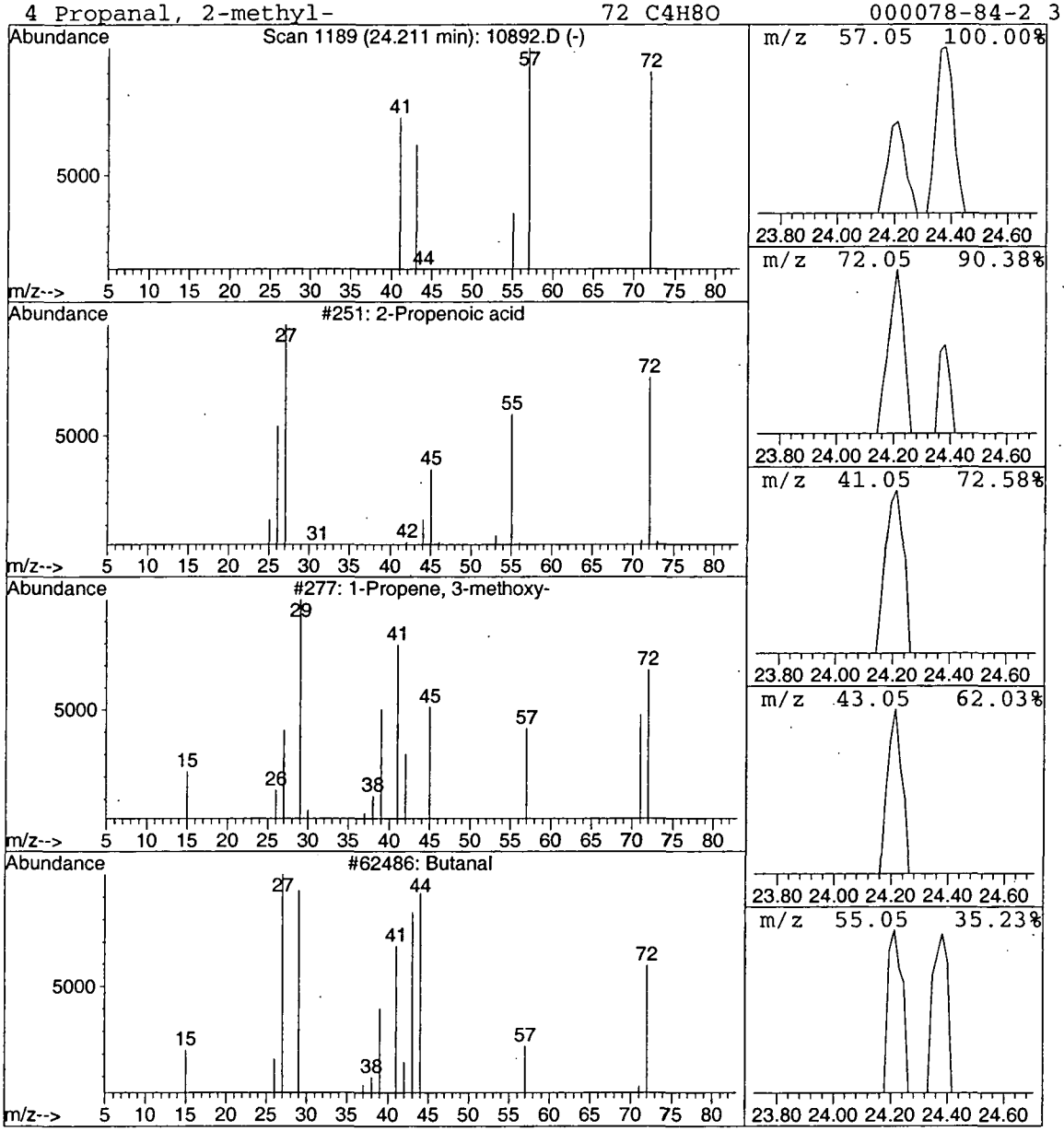
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Propenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	0.06 ug/L	43870	CHLOROBENZENE-D5	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid	72	C3H4O2	000079-10-7	4
2	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	4
3	Butanal	72	C4H8O	000123-72-8	4
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10892.D Vial: 6
Acq On : 7 May 2002 7:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

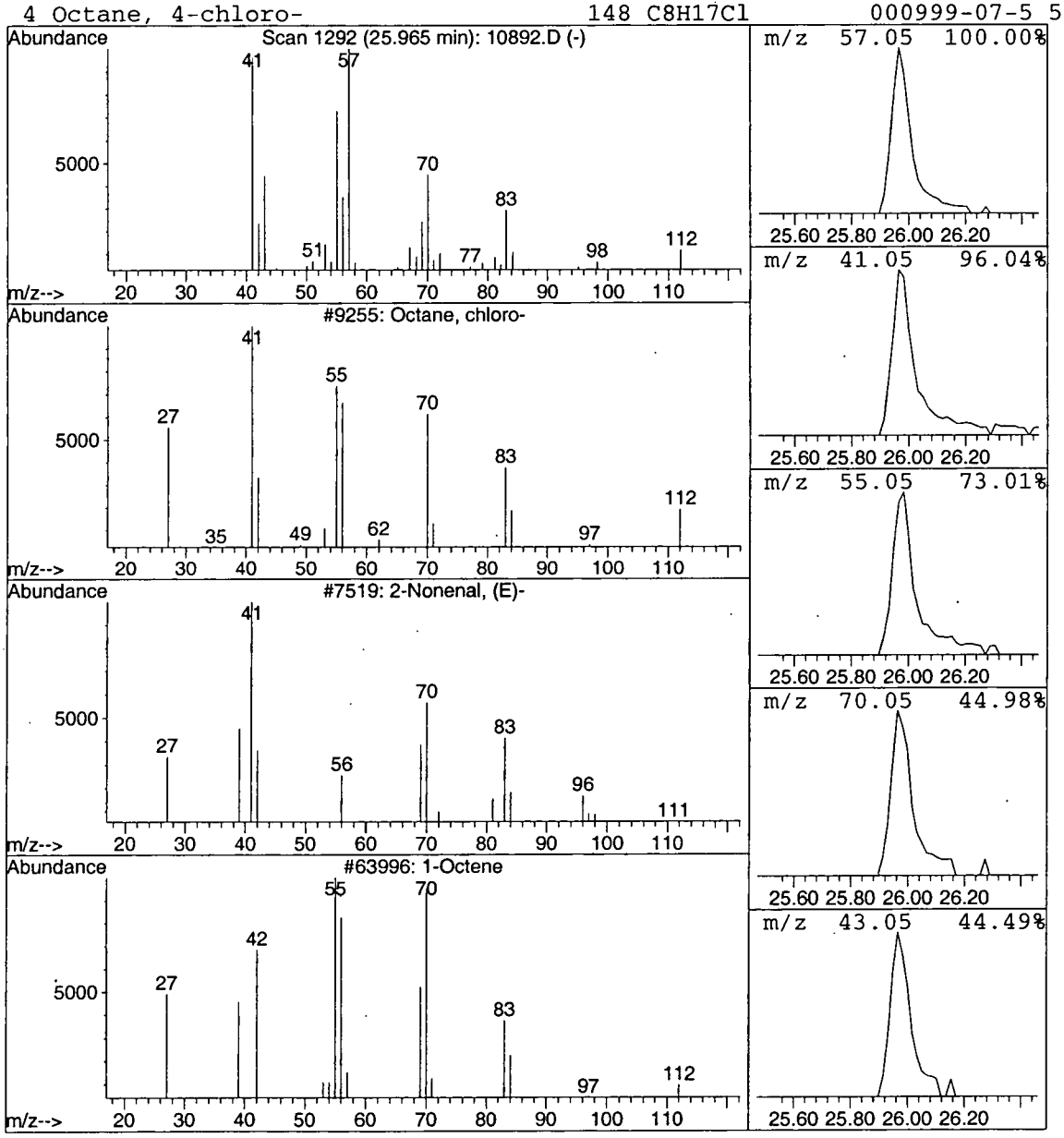
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Octane, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.97	0.75 ug/L	515932	1,4-DICHLOROBENZENE-D4	26.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, chloro-	148	C8H17Cl	026655-49-2	59
2	2-Nonenal, (E)-	140	C9H16O	018829-56-6	53
3	1-Octene	112	C8H16	000111-66-0	50
4	Octane, 4-chloro-	148	C8H17Cl	000999-07-5	50



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 09:35:44

Sample: AE10892
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/15/02 09:34 Ended: 5/15/02 09:34 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.5		.5
2	Surr_4-BROMOFLUOROBENZE		4.5		.5
3	Dichlorodifluoromethane		< MRL		.5
4	Chloromethane		< MRL		.5
5	Vinyl chloride		< MRL		.5
6	Bromomethane		< MRL		.5
7	Chloroethane		< MRL		.5
8	Trichlorofluoromethane		< MRL		.5
9	1,1-Dichloroethene		< MRL		.5
10	Methylene Chloride		< MRL		.5
11	Methyl tert-butyl ether (MTBE)		< MRL		1.0
12	trans-1,2-dichloroethene		< MRL		.5
13	1,1-dichloroethane		< MRL		.5
14	2-butanone (MEK)		< MRL		2.0
15	2,2-dichloropropane		< MRL		.5
16	cis-1,2-dichloroethene		< MRL		.5
17	Chloroform		< MRL		.5
18	Bromochloromethane		< MRL		.5
19	1,2-dichloroethane		< MRL		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MRL		.5
22	1,1-dichloropropene		< MRL		.5
23	Carbon tetrachloride		< MRL		.5
24	Benzene		< MRL		.5
25	Trichloroethene		< MRL		.5
26	1,2-dichloropropane		< MRL		.5
27	Dibromomethane		< MRL		.5
28	Bromodichloromethane		< MRL		.5
29	Methy iso-butyl ketone (MIBK)		< MRL		1.0
30	cis-1,3-dichloropropene		< MRL		.5
31	Toluene		< MRL		.5
32	trans-1,3-dichloropropene		< MRL		.5
33	1,1,2-trichloroethane		< MRL		.5
34	Tetrachloroethene		< MRL		.5
35	1,3-dichloropropane		< MRL		.5
36	Dibromochloromethane		< MRL		2.0
37	Chlorobenzene		< MRL		.5
38	1,1,1,2-tetrachloroethane		< MRL		.5
39	Ethylbenzene		< MRL		.5
40	P & M-xylene		< MRL		.5
41	O-xylene		< MRL		.5
42	Styrene		< MRL		.5
43	1,1,2,2-tetrachloroethane		< MRL		.5
44	Bromoform		< MRL		2.0
45	Isopropylbenzene		< MRL		.5
46	1,2,3-trichloropropane		< MRL		.5
47	N-propylbenzene		< MRL		.5
48	Bromobenzene		< MRL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/16/2002 Time: 09:35:44

Sample: AE10892
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/15/02 09:34 Ended: 5/15/02 09:34 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may15\10892F.D Vial: 5
Acq On : 15 May 2002 4:31 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 15 17:09 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1384701	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	1310633	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.92	152	582748	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	570155	4.50	ug/L	-0.02
Spiked Amount 5.000			Recovery =	90.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	464299	4.54	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.80%		
25) TOLUENE-D8	18.42	98	1682606	4.97	ug/L	-0.02
Spiked Amount 5.000			Recovery =	99.40%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	338064	28.70	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	13909	0.13	ug/L	90

lab cont

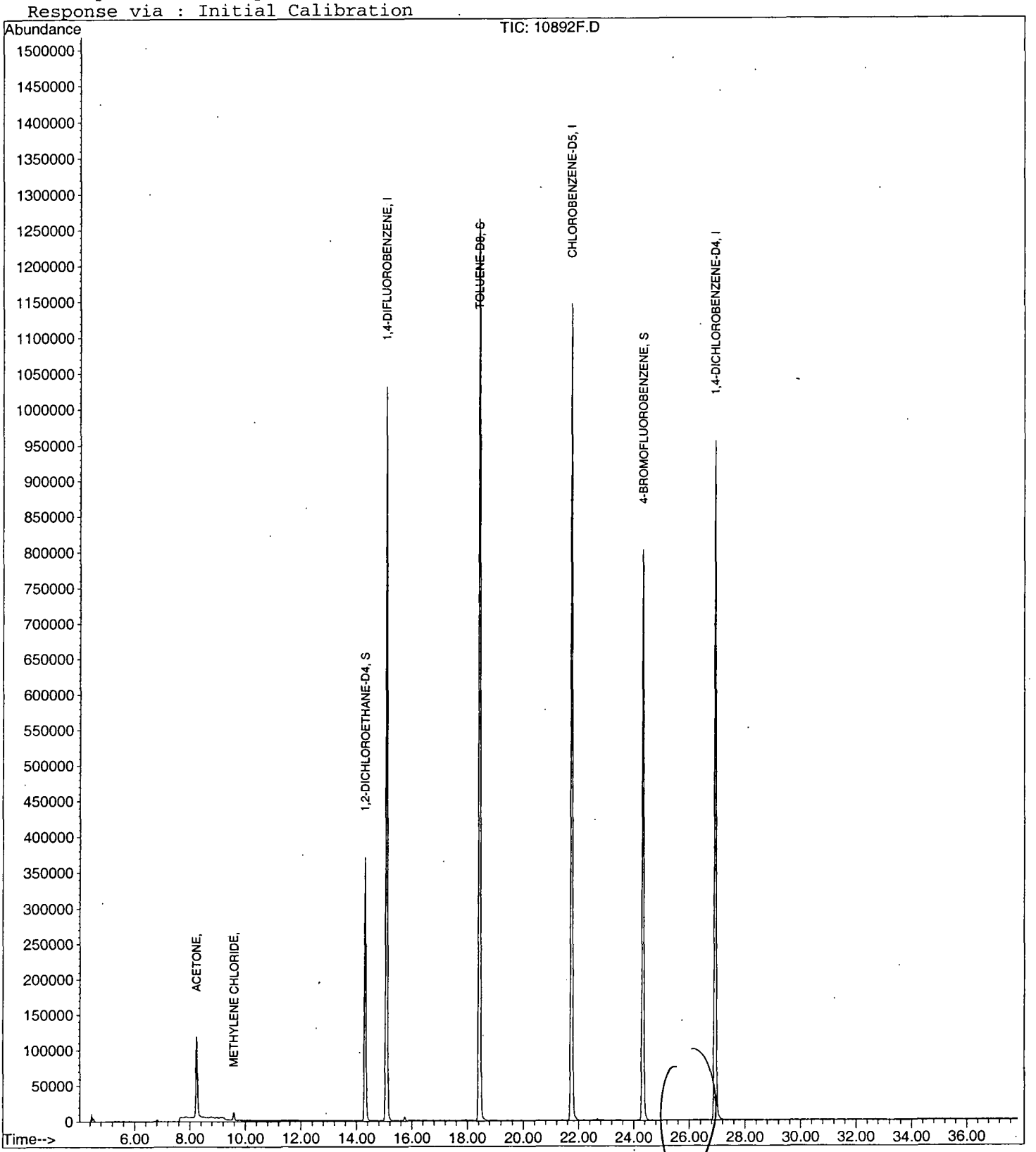
(#) = qualifier out of range (m) = manual integration
10892F.D HP042202.M Wed May 15 17:09:59 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may15\10892F.D
Acq On : 15 May 2002 4:31 pm
Sample : fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 15 17:09 2002

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY15\10892F.D Vial: 5
Acq On : 15 May 2002 4:31 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

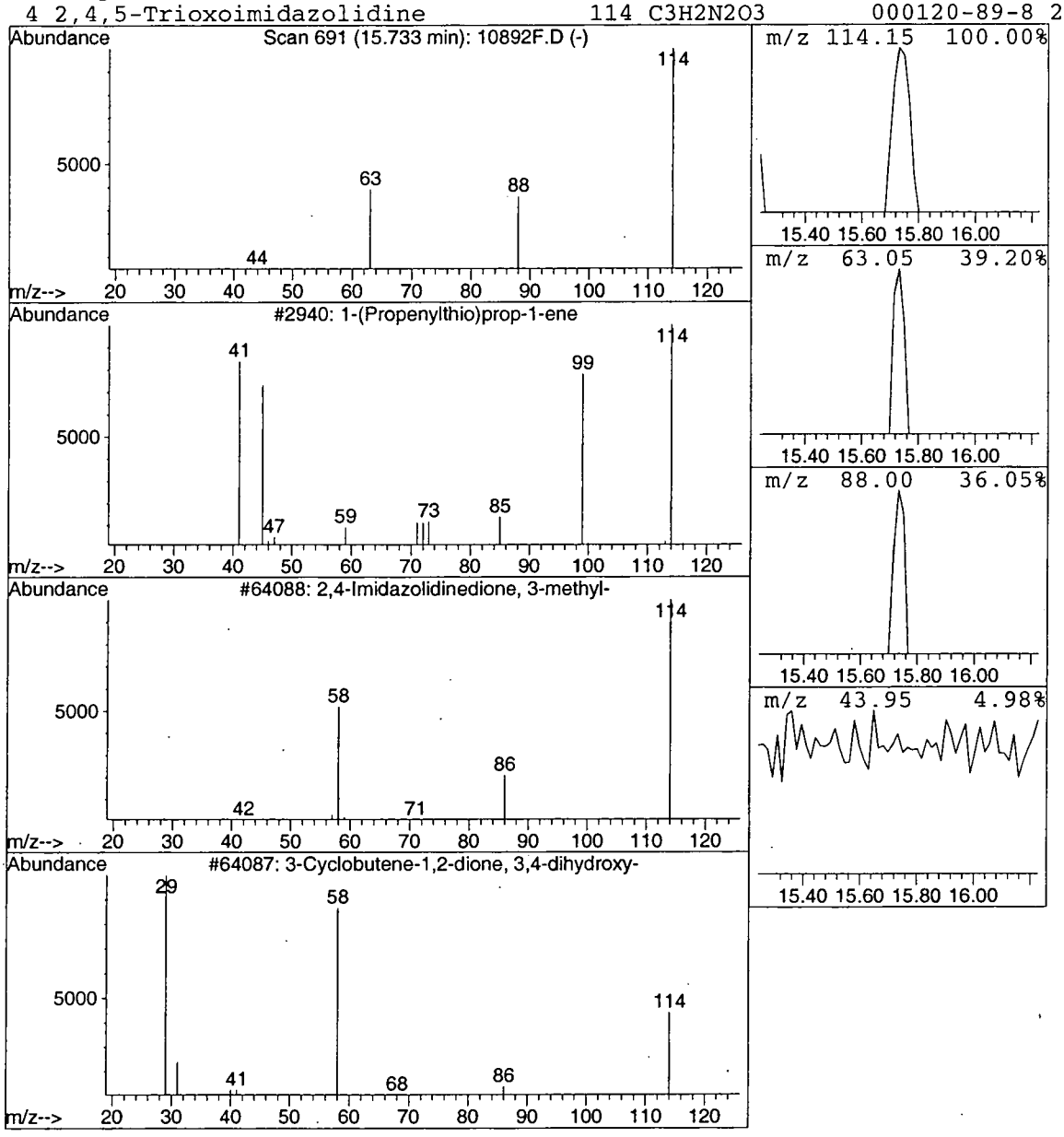
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	19599	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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:05:41

Sample: AE10894
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:07 Ended: 5/7/02 00:07 Analyst: BH
Result source: a:\10894.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		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 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:05:41

Sample: AE10894
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:07 Ended: 5/7/02 00:07 Analyst: BH
Result source: a:\10894.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\02MAY07\10894.D Vial: 7
Acq On : 7 May 2002 7:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:27 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	823478	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	745506	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	334062	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	398803	5.29	ug/L	0.05
Spiked Amount 5.000			Recovery =	105.80%		
3) 4-BROMOFLUOROBENZENE	24.38	174	268472	4.41	ug/L	0.05
Spiked Amount 5.000			Recovery =	88.20%		
25) TOLUENE-D8	18.49	98	986329	5.12	ug/L	0.05
Spiked Amount 5.000			Recovery =	102.40%		
Target Compounds						Qvalue
12) ACETONE	8.28	43	6792	0.97	ug/L	54

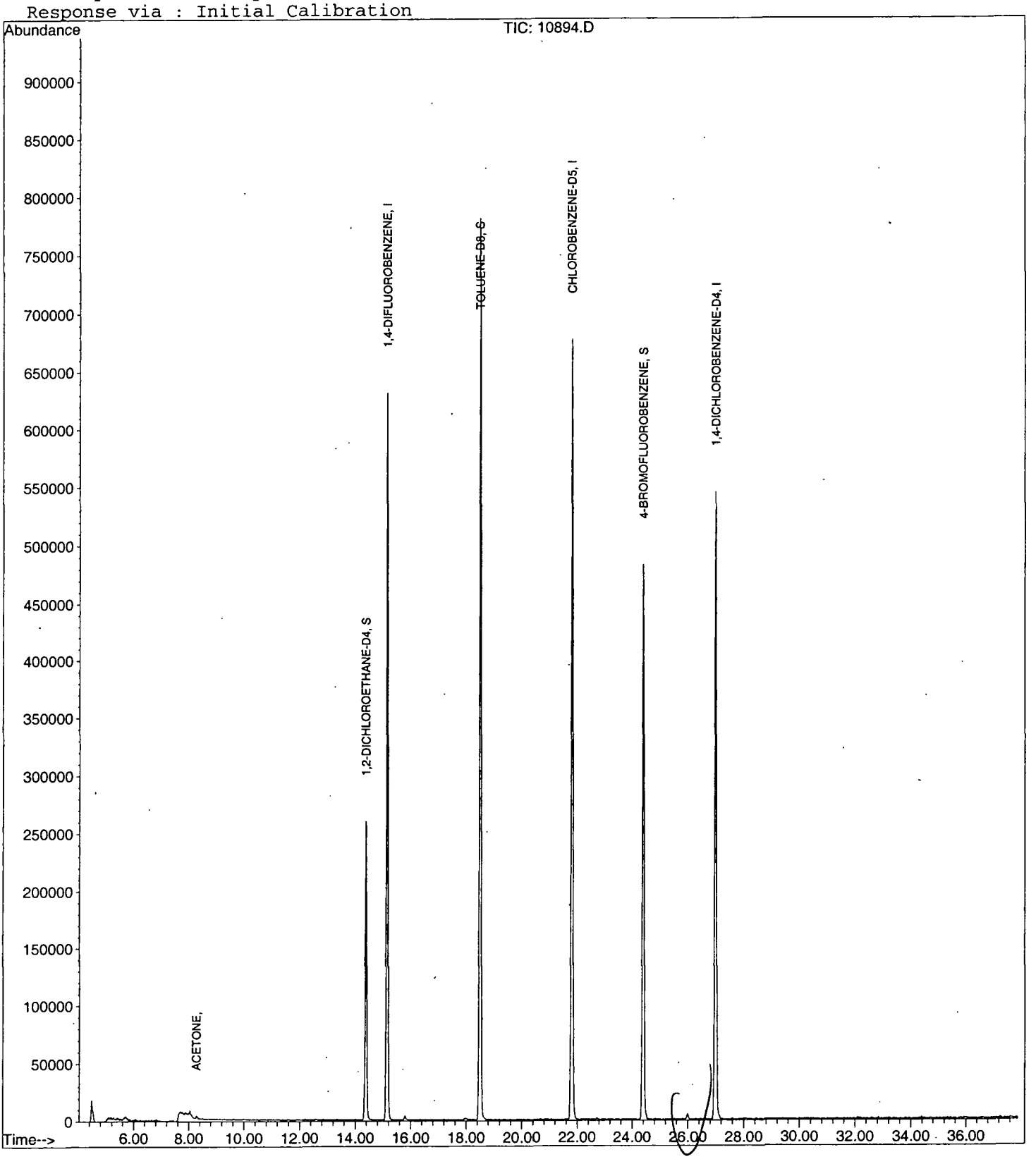
(#) = qualifier out of range (m) = manual integration
10894.D HP042202.M Wed May 08 09:27:19 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10894.D
Acq On : 7 May 2002 7:48 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:27 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10894.D Vial: 7
Acq On : 7 May 2002 7:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

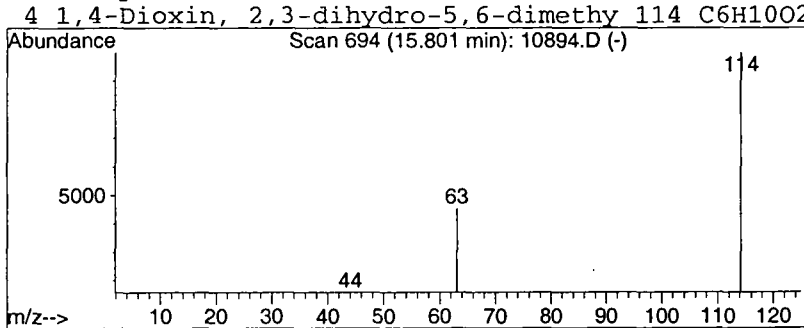
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

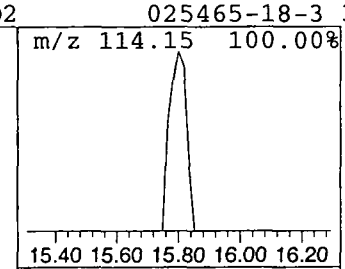
****

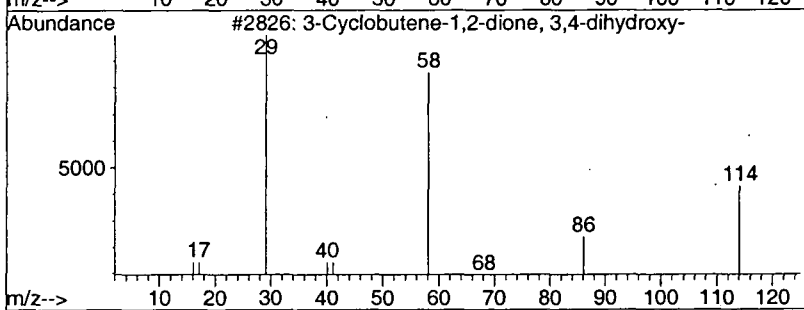
Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 2

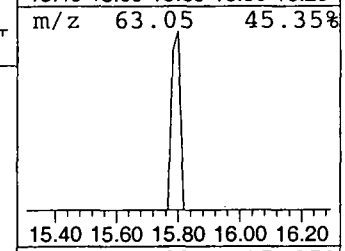
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	12833	1,4-DIFLUOROBENZENE	15.14

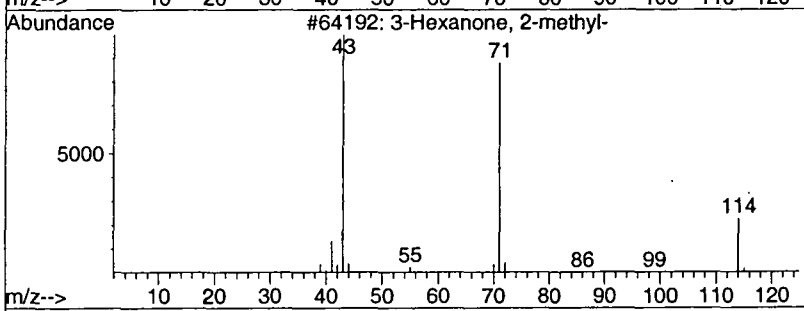
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	1,4-Dioxin, 2,3-dihydro-5,6-dimethy	114	C6H10O2	025465-18-3	3

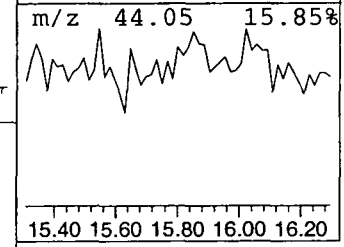


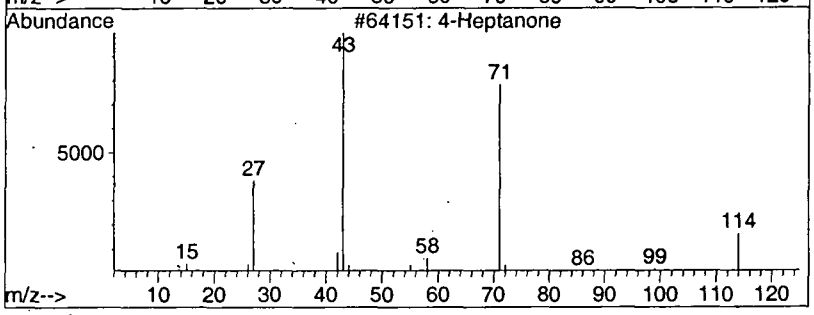












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10894.D Vial: 7
Acq On : 7 May 2002 7:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

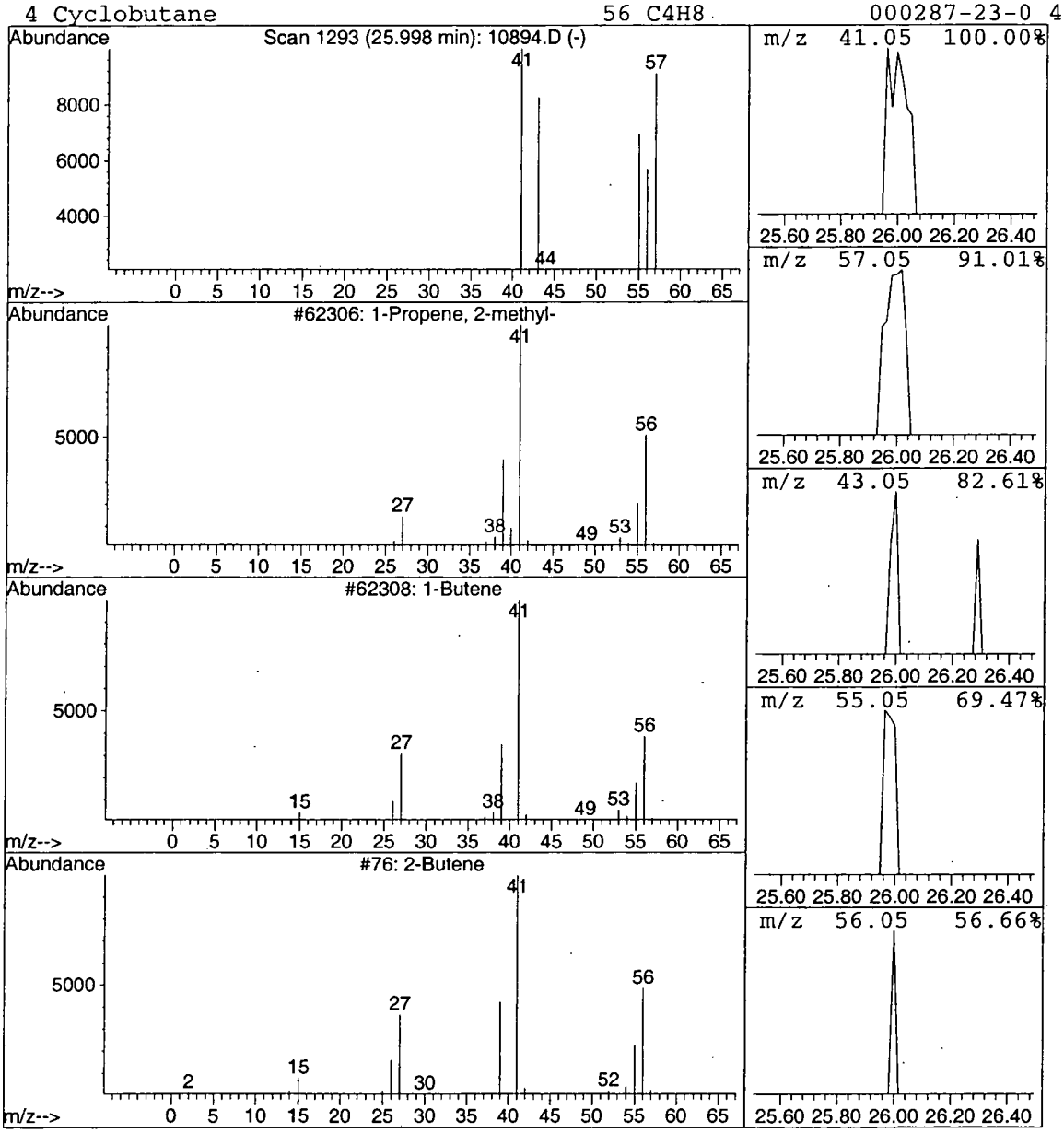
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Propene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.00	0.04 ug/L	18896	1,4-DICHLOROBENZENE-D4	26.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	4
2	1-Butene	56	C4H8	000106-98-9	4
3	2-Butene	56	C4H8	000107-01-7	4
4	Cyclobutane	56	C4H8	000287-23-0	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:06:05

Sample: AE10895
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:08 Ended: 5/7/02 00:08 Analyst: BH
Result source: a:\10895.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		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 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:06:05

Sample: AE10895
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:08 Ended: 5/7/02 00:08 Analyst: BH
Result source: a:\10895.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\02MAY07\10895.D Vial: 8
Acq On : 7 May 2002 8:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:29 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1232976	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	1125151	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	498475	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	584627	5.18	ug/L	0.05
Spiked Amount 5.000			Recovery	=	103.60%	
3) 4-BROMOFLUOROBENZENE	24.38	174	409120	4.49	ug/L	0.05
Spiked Amount 5.000			Recovery	=	89.80%	
25) TOLUENE-D8	18.49	98	1483568	5.10	ug/L	0.05
Spiked Amount 5.000			Recovery	=	102.00%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	10098	0.96	ug/L	54
18) 2-BUTANONE (MEK)	12.05	43	1454	0.14	ug/L	60
46) 2-HEXANONE	19.26	43	724	0.05	ug/L	29

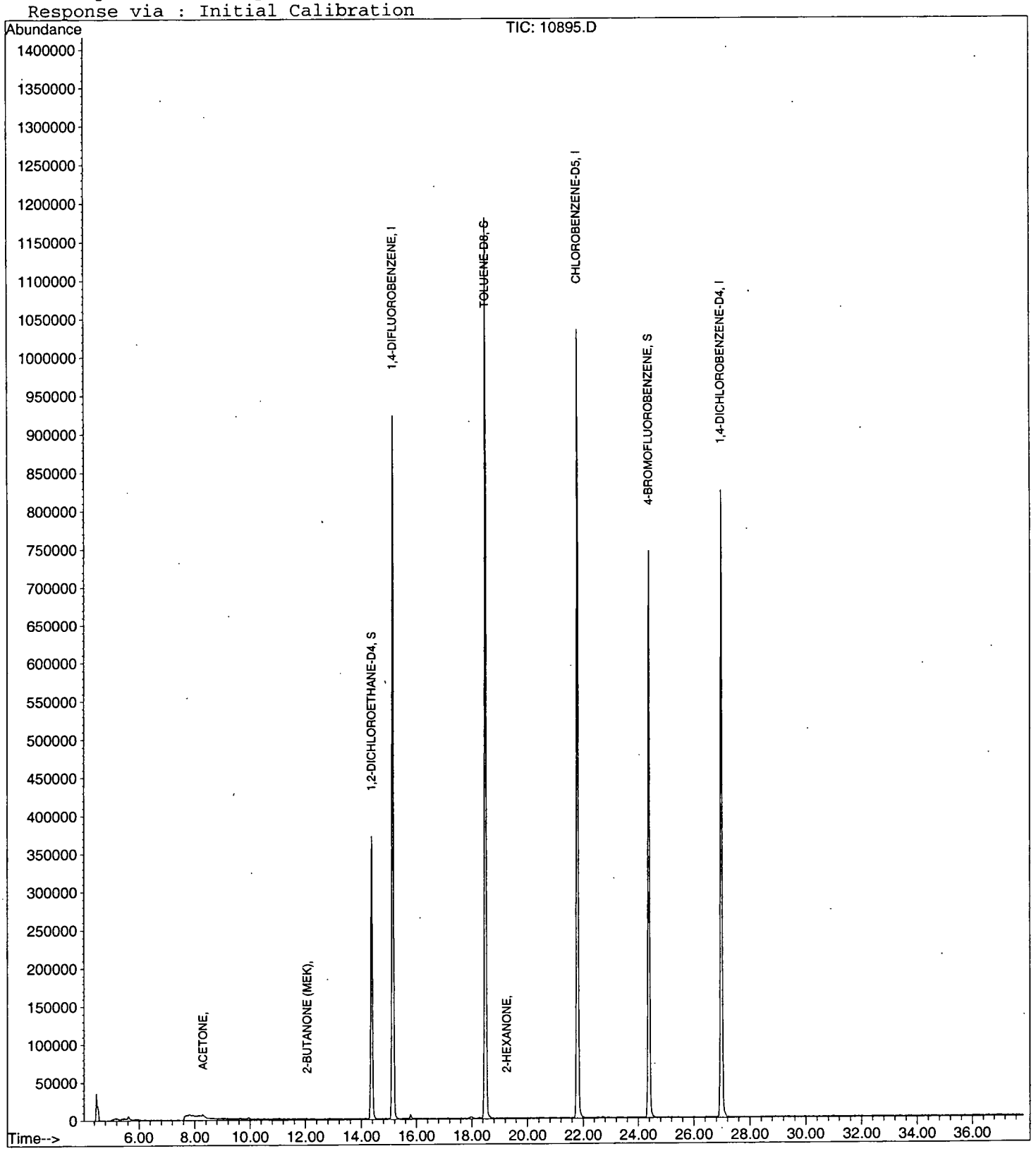
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10895.D
Acq On : 7 May 2002 8:31 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:29 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10895.D Vial: 8
Acq On : 7 May 2002 8:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

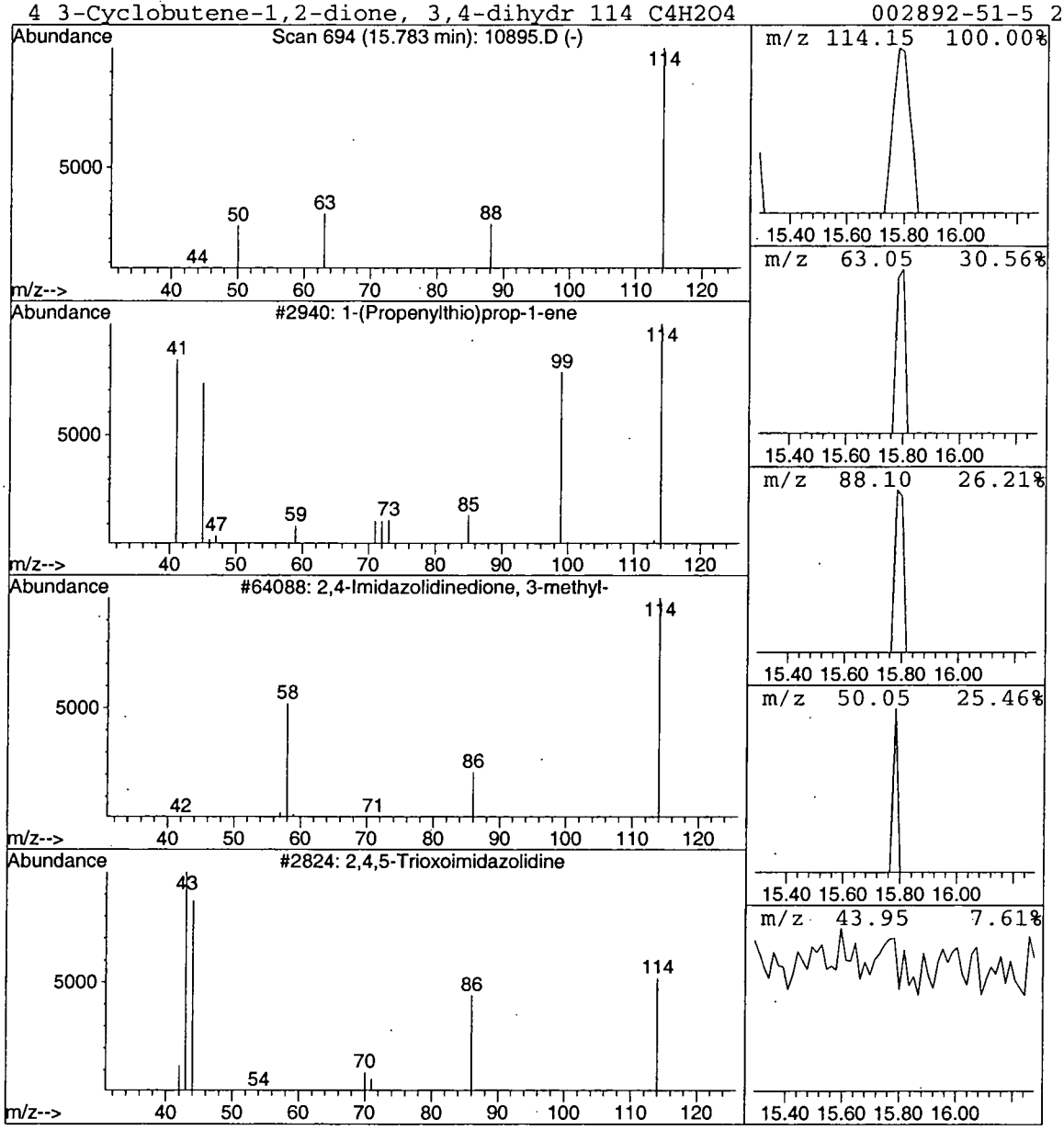
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	19185	1,4-DIFLUOROBENZENE	15.14

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:06:30

Sample: AE10896
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:09 Ended: 5/7/02 00:09 Analyst: BH
Result source: a:\10896.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		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 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:06:30

Sample: AE10896
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:09 Ended: 5/7/02 00:09 Analyst: BH
Result source: a:\10896.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\02MAY07\10896.D Vial: 9
Acq On : 7 May 2002 9:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:30 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1042910	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	941158	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	419437	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	498928	5.23	ug/L	0.05
Spiked Amount 5.000			Recovery =	104.60%		
3) 4-BROMOFLUOROBENZENE	24.38	174	344235	4.47	ug/L	0.05
Spiked Amount 5.000			Recovery =	89.40%		
25) TOLUENE-D8	18.49	98	1252388	5.15	ug/L	0.05
Spiked Amount 5.000			Recovery =	103.00%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	5369	0.61	ug/L	54

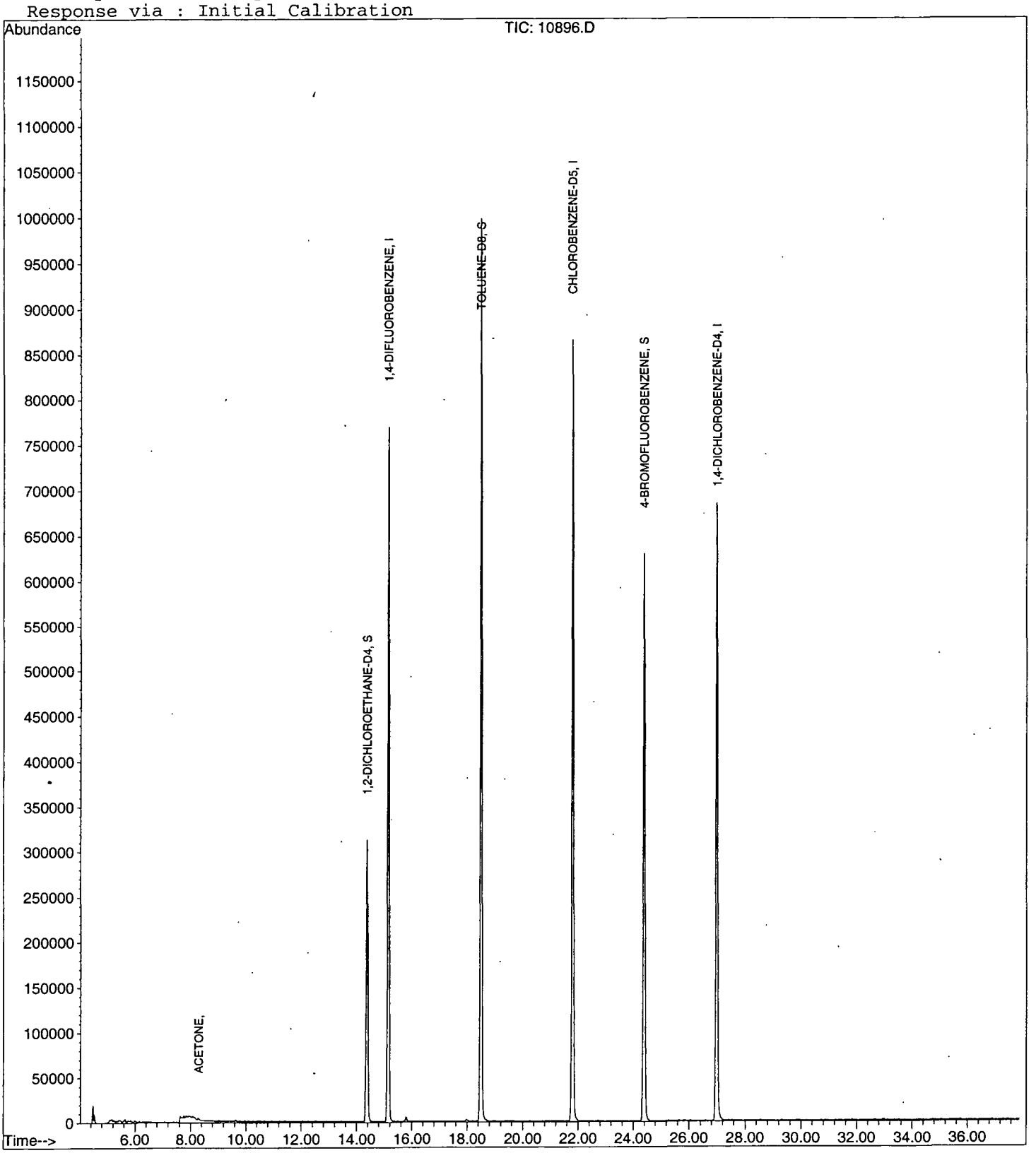
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10896.D
Acq On : 7 May 2002 9:15 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:30 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10896.D Vial: 9
Acq On : 7 May 2002 9:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

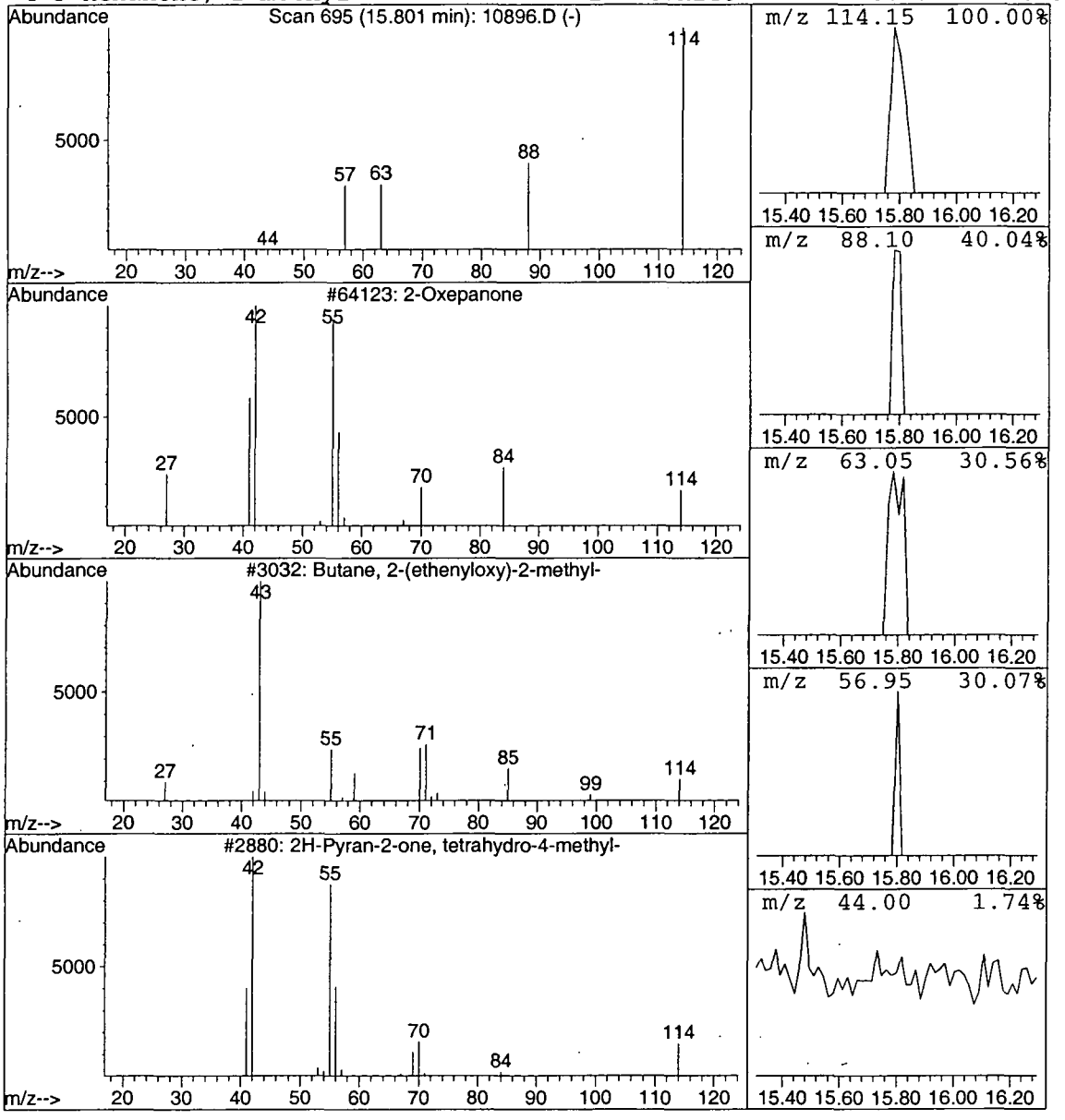
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	17287	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:07:21

Sample: AE10890
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/7/02 00:09 Ended: 5/7/02 00:09 Analyst: BH
Result source: a:\0507c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.2		.5
2	Surr_4-BROMOFLUOROBENZE		5.2		.5
3	Dichlorodifluoromethane		9.7		.5
4	Chloromethane		8.6		.5
5	Vinyl chloride		10		.5
6	Bromomethane		11		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		10		.5
9	1,1-Dichloroethene		9.9		.5
10	Methylene Chloride		8.3		.5
11	Methyl tert-butyl ether (MTBE)		8.4		1.0
12	trans-1,2-dichloroethene		9.1		.5
13	1,1-dichloroethane		9.1		.5
14	2-butanone (MEK)		31		2.0
15	2,2-dichloropropane		8.4		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		8.8		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		9.8		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.4		.5
25	Trichloroethene		9.9		.5
26	1,2-dichloropropane		8.8		.5
27	Dibromomethane		9.9		.5
28	Bromodichloromethane		9.9		.5
29	Methyl iso-butyl ketone		35		1.0
30	cis-1,3-dichloropropene		9.4		.5
31	Toluene		9.6		.5
32	trans-1,3-dichloropropene		9.4		.5
33	1,1,2-trichloroethane		9.8		.5
34	Tetrachloroethene		9.8		.5
35	1,3-dichloropropane		9.6		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		9.3		.5
44	Bromoform		9.7		2.0
45	Isopropylbenzene		9.6		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		9.0		.5
48	Bromobenzene		9.6		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:07:21

Sample: AE10890
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/7/02 00:09 Ended: 5/7/02 00:09 Analyst: BH
Result source: a:\0507c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.6		.5
50	2-chlorotoluene		9.8		.5
51	4-chlorotoluene		8.6		.5
52	TERT-butylbenzene		9.5		.5
53	1,2,4-trimethylbenzene		9.6		.5
54	SEC-butylbenzene		9.2		.5
55	P-isopropyltoluene		9.5		.5
56	1,3-dichlorobenzene		9.5		.5
57	1,4-dichlorobenzene		9.3		.5
58	N-butylbenzene		9.1		.5
59	1,2-dichlorobenzene		9.4		.5
60	1,2,4-trichlorobenzene		9.1		.5
61	Hexachlobutadiene		8.4		.5
62	Naphthalene		8.5		.5
63	1,2,3-trichlorobenzene		9.0		.5
64	Nitrobenzene		150 J		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\0507C10B.D Vial: 3
Acq On : 8 May 2002 3:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:20 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1470080	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.78	117	1419136	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	707978	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	702868	5.22	ug/L	0.03
Spiked Amount 5.000			Recovery = 104.40%			
3) 4-BROMOFLUOROBENZENE	24.36	174	558885	5.14	ug/L	0.03
Spiked Amount 5.000			Recovery = 102.80%			
25) TOLUENE-D8	18.47	98	1800091	4.91	ug/L	0.03
Spiked Amount 5.000			Recovery = 98.20%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	548036	9.51	ug/L	98
5) CHLOROMETHANE	5.45	50	637700	8.61	ug/L	97
6) VINYL CHLORIDE	5.60	62	482826	11.39	ug/L	99
7) BROMOMETHANE	6.59	94	427722	11.10	ug/L	96
8) CHLOROETHANE	6.73	64	439476	10.48	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.30	101	721767	9.94	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	583044	12.05	ug/L	94
12) ACETONE	8.28	43	314433	25.14	ug/L	98
13) 1,1-DICHLOROETHENE	8.62	61	1167372	9.58	ug/L	98
14) METHYLENE CHLORIDE	9.62	49	955727	8.30	ug/L	95
15) METHYL TERT BUTYL ETHER	9.93	73	642696	8.07	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.28	61	1149515	9.14	ug/L	98
17) 1,1-DICHLOROETHANE	11.19	63	1242069	8.91	ug/L	98
18) 2-BUTANONE (MEK)	12.02	43	349173	28.71	ug/L	94
19) 2,2-DICHLOROPROPANE	12.41	77	743817	7.37	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.50	96	703687	10.10	ug/L	96
21) CHLOROFORM	12.84	83	1323901	10.01	ug/L	99
22) BROMOCHLOROMETHANE	13.21	49	526990	8.63	ug/L	84
23) 1,2-DICHLOROETHANE	14.56	62	998093	9.80	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.72	97	1017620	9.77	ug/L	97
27) 1,1-DICHLOROPROPENE	14.05	75	1045662	9.67	ug/L	98
28) CARBON TETRACHLORIDE	14.32	117	883119	10.06	ug/L	99
29) BENZENE	14.66	78	2297009	9.23	ug/L	99
30) TRICHLOROETHENE	15.94	95	763538	9.56	ug/L	95
31) 1,2-DICHLOROPROPANE	16.28	63	608843	8.54	ug/L	97
32) DIBROMOMETHANE	16.96	174	286277	9.35	ug/L	94
33) BROMODICHLOROMETHANE	16.80	83	877798	9.59	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	169118	8.26	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.37	58	310541	33.89	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.89	75	822651	8.89	ug/L	99
37) TOLUENE	18.66	91	2351651	9.34	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.93	75	593649	8.88	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.32	97	370254	9.44	ug/L	98
40) TETRACHLOROETHENE	20.11	166	661170	9.52	ug/L	96
41) 1,3-DICHLOROPROPANE	19.85	76	728443	9.23	ug/L	98
42) DIBROMOCHLOROMETHANE	20.53	129	446309	9.87	ug/L	98
43) 1,2-DIBROMOETHANE	20.99	107	365464	9.17	ug/L	94
44) CHLOROBENZENE	21.86	112	1487988	9.81	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	555770	10.08	ug/L	98
46) 2-HEXANONE	19.21	43	558998	31.98	ug/L	99
47) ETHYLBENZENE	21.91	91	2781293	9.72	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\0507C10B.D Vial: 3
Acq On : 8 May 2002 3:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:20 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

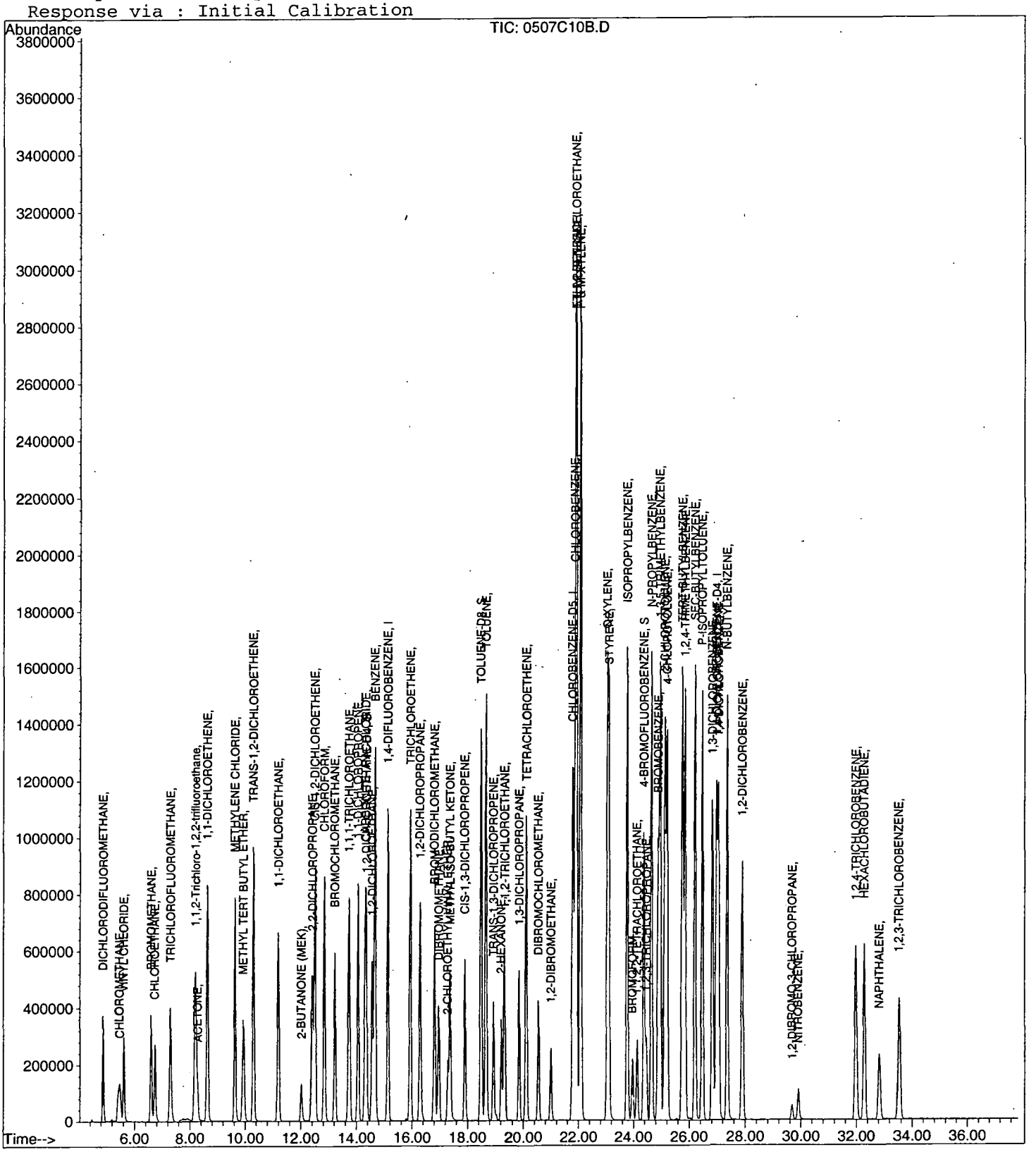
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	22.07	106	1784449	19.15	ug/L	98
49)	O-XYLENE	23.04	91	2163992	9.86	ug/L	98
50)	STYRENE	23.10	104	1417850	9.65	ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	331538	8.95	ug/L	98
53)	BROMOFORM	23.96	173	210043	9.34	ug/L	98
54)	ISOPROPYLBENZENE	23.77	105	2360420	9.38	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.45	110	114459	9.82	ug/L	98
56)	N-PROPYLBENZENE	24.64	91	2981060	8.78	ug/L	100
57)	BROMOBENZENE	24.87	156	576803	9.33	ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.94	105	2136754	9.37	ug/L	95
59)	2-CHLOROTOLUENE	25.11	91	1951034	8.52	ug/L	100
60)	4-CHLOROTOLUENE	25.20	91	2018163	9.54	ug/L	98
61)	TERT-BUTYLBENZENE	25.74	119	1809458	9.10	ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.84	105	2182837	9.31	ug/L	97
63)	SEC-BUTYLBENZENE	26.20	105	2455397	8.87	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.46	119	1923924	9.09	ug/L	98
65)	1,3-DICHLOROBENZENE	26.82	146	1051598	9.11	ug/L	98
66)	1,4-DICHLOROBENZENE	27.04	146	1070155	9.01	ug/L	98
67)	N-BUTYLBENZENE	27.34	91	2016498	8.71	ug/L	100
68)	1,2-DICHLOROBENZENE	27.89	146	879027	9.03	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	43986	8.40	ug/L	83
70)	1,2,4-TRICHLOROBENZENE	31.97	180	542739	8.65	ug/L	97
71)	HEXACHLOROBUTADIENE	32.28	225	355803	7.93	ug/L	97
72)	NAPHTHALENE	32.83	128	554990	7.91	ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.52	180	423380	8.57	ug/L	95
74)	NITROBENZENE	29.90	77	160708	140.76	ug/L	100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507C10B.D Vial: 3
Acq On : 8 May 2002 3:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:20 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B4.D Vial: 3
Acq On : 7 May 2002 10:40 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:14 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.09
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.74
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.93
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%		

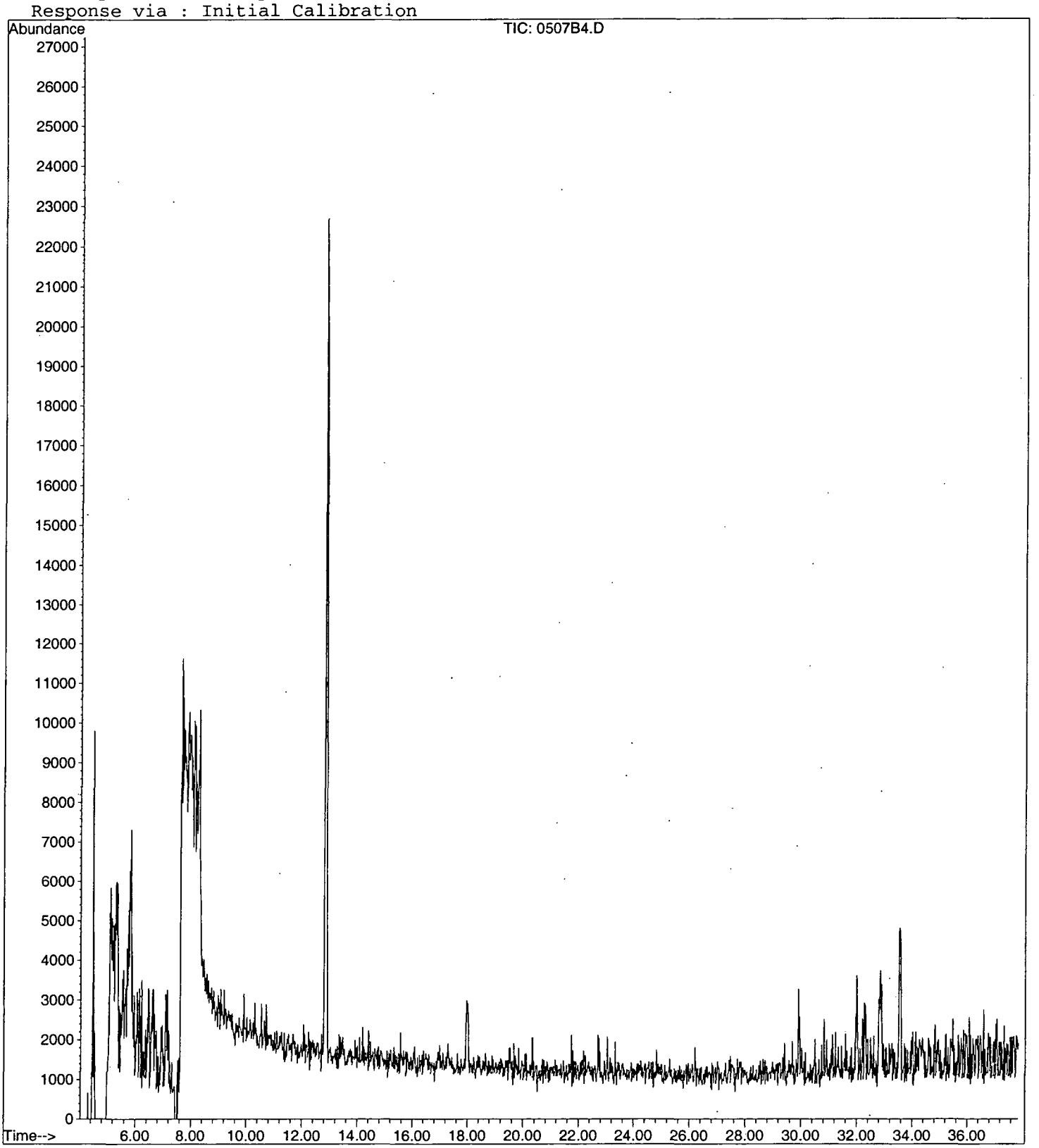
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
0507B4.D HP042202.M Wed May 08 09:15:04 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507B4.D Vial: 3
Acq On : 7 May 2002 10:40 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:14 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:07:49

Sample: AE10898
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:01 Ended: 5/7/02 00:01 Analyst: BH
Result source: a:\10898.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		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 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:07:49

Sample: AE10898
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/7/02 00:01 Ended: 5/7/02 00:01 Analyst: BH
Result source: a:\10898.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\02MAY07\10898.D Vial: 4
Acq On : 7 May 2002 11:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:31 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1239535	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.79	117	1116314	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	505709	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	579144	5.10	ug/L	0.05
Spiked Amount 5.000			Recovery	= 102.00%		
3) 4-BROMOFLUOROBENZENE	24.38	174	415801	4.54	ug/L	0.05
Spiked Amount 5.000			Recovery	= 90.80%		
25) TOLUENE-D8	18.49	98	1488938	5.16	ug/L	0.05
Spiked Amount 5.000			Recovery	= 103.20%		
Target Compounds						Qvalue
12) ACETONE	8.27	43	13115	1.24	ug/L	54

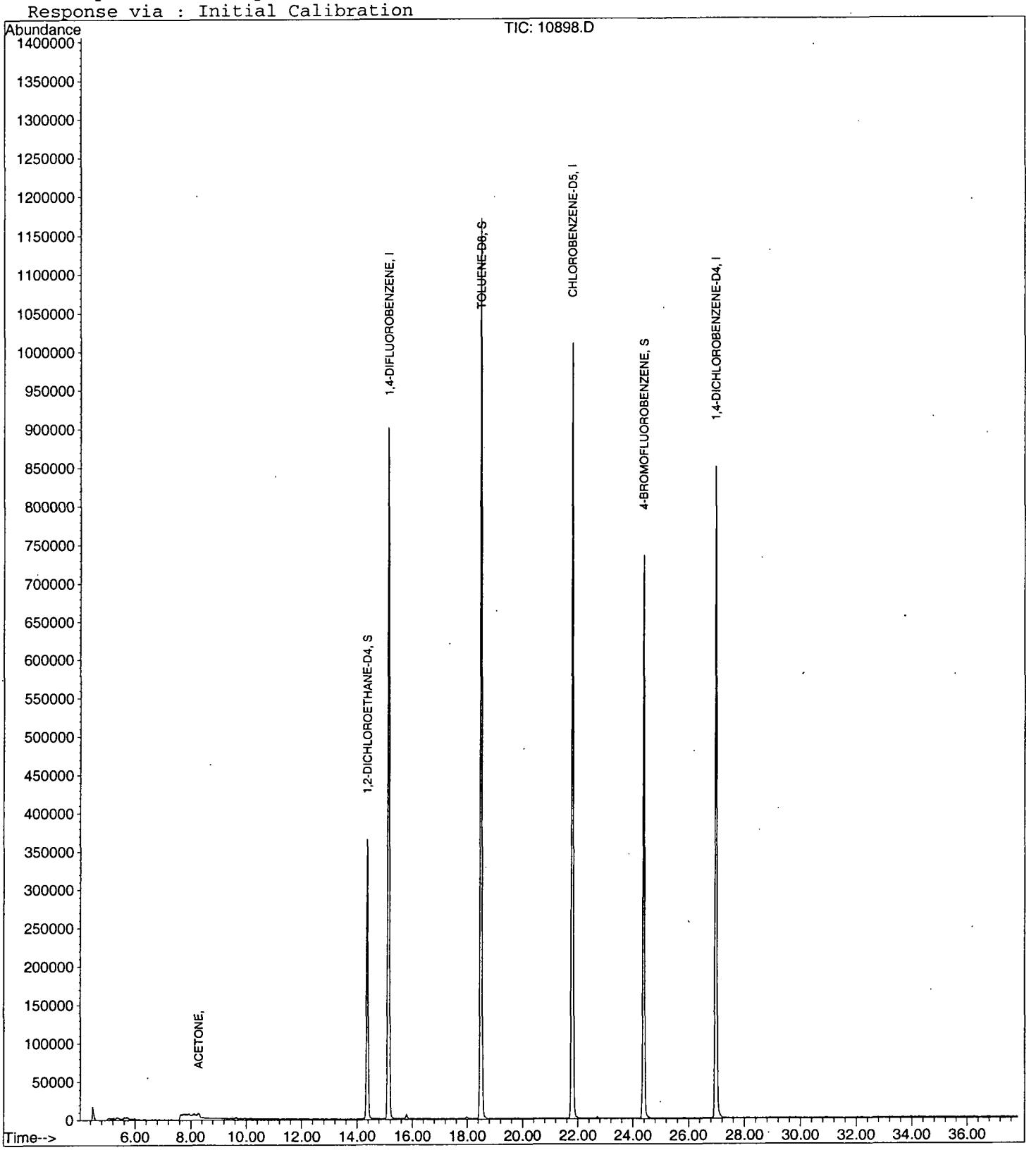
(#) = qualifier out of range (m) = manual integration
10898.D HP042202.M Wed May 08 09:31:35 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10898.D
Acq On : 7 May 2002 11:24 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:31 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10898.D Vial: 4
Acq On : 7 May 2002 11:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

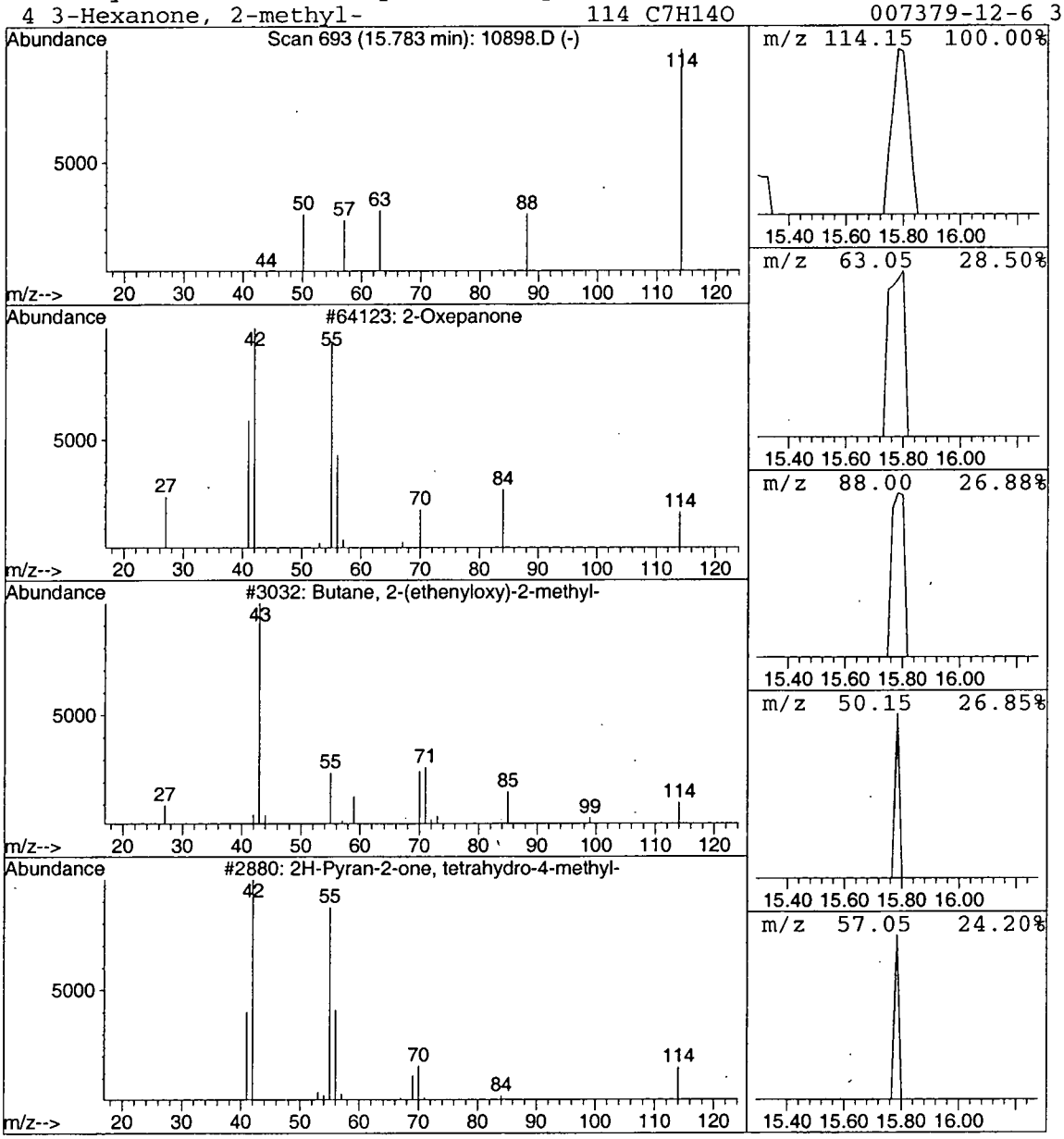
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	23765	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:08:18

Sample: AE10899
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10899.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.0		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 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:08:18

Sample: AE10899
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10899.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\02MAY07\10899.D Vial: 5
Acq On : 8 May 2002 12:07 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:33 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1359917	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.79	117	1238650	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	551229	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	651038	5.23	ug/L	0.03
Spiked Amount 5.000			Recovery	= 104.60%		
3) 4-BROMOFLUOROBENZENE	24.38	174	457093	4.55	ug/L	0.05
Spiked Amount 5.000			Recovery	= 91.00%		
25) TOLUENE-D8	18.49	98	1613905	5.04	ug/L	0.05
Spiked Amount 5.000			Recovery	= 100.80%		
Target Compounds						Qvalue
12) ACETONE	8.27	43	13180	1.14	ug/L	99
18) 2-BUTANONE (MEK)	12.00	43	1403	0.12	ug/L	60

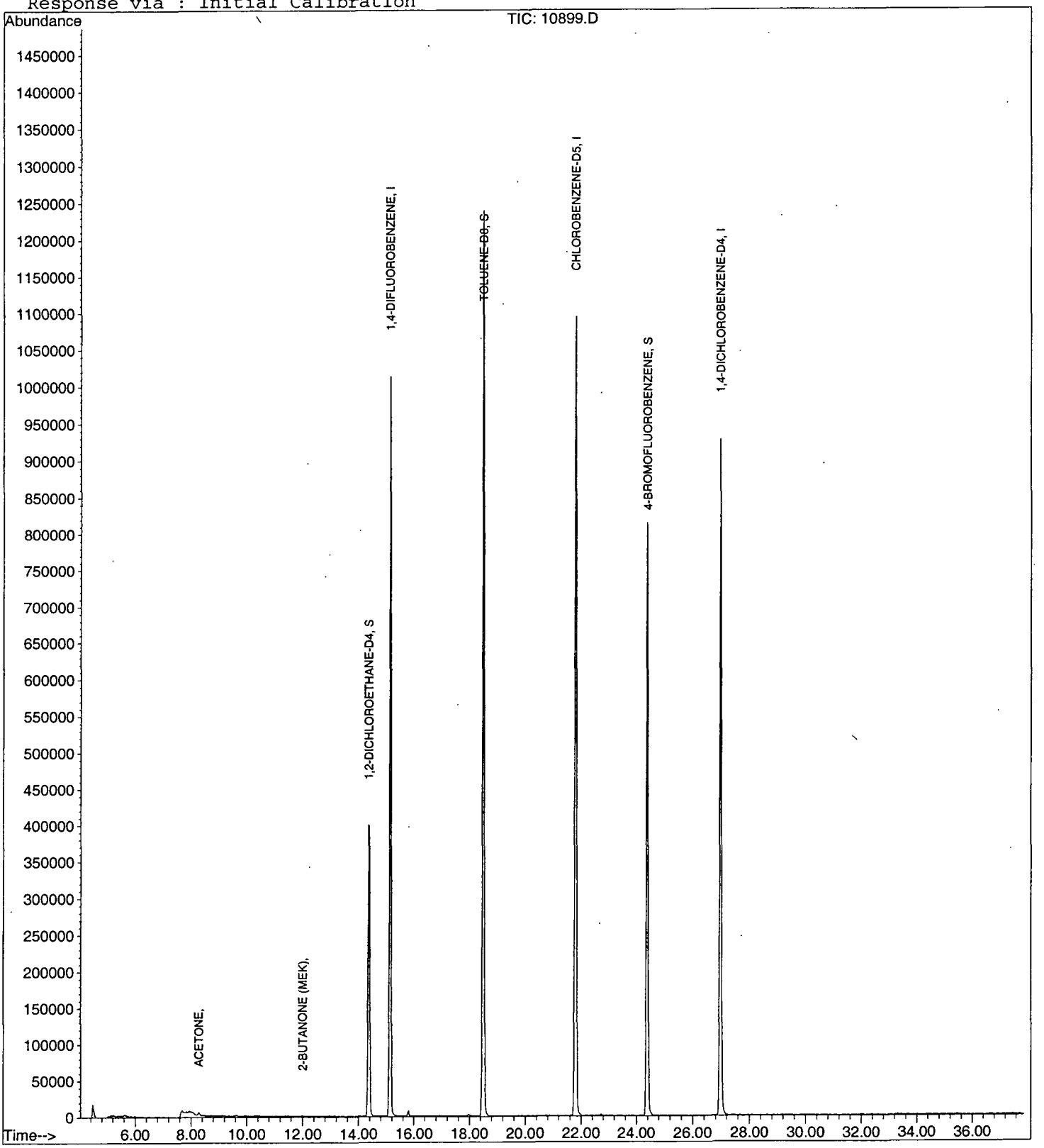
(#) = qualifier out of range (m) = manual integration
10899.D HP042202.M Wed May 08 09:33:37 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10899.D
Acq On : 8 May 2002 12:07 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:33 2002

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10899.D Vial: 5
Acq On : 8 May 2002 12:07 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

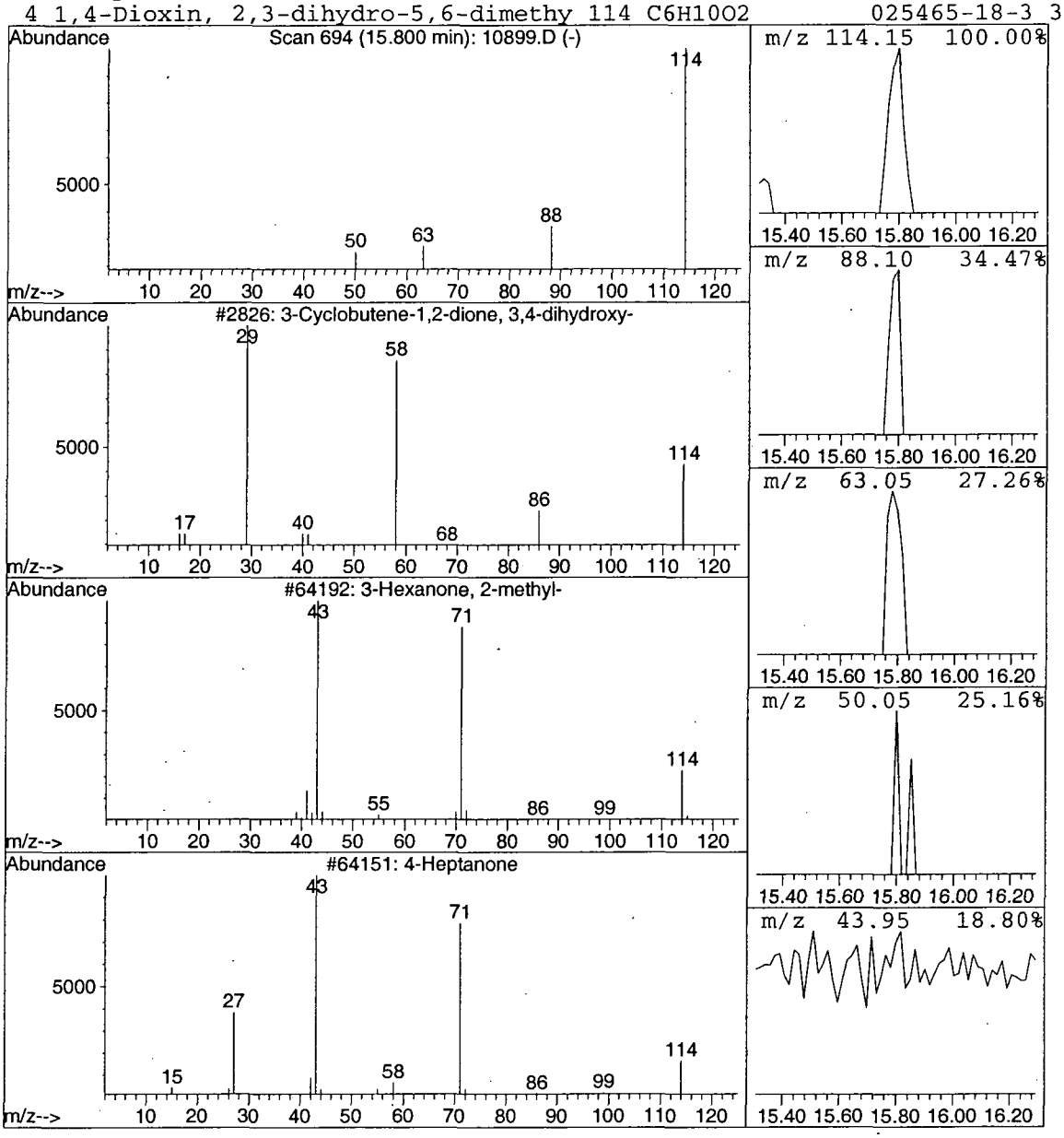
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	26342	1,4-DIFLUOROBENZENE	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	1,4-Dioxin, 2,3-dihydro-5,6-dimethy	114	C6H10O2	025465-18-3	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:08:49

Sample: AE10900
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10900.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		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 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:08:49

Sample: AE10900
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10900.rr

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\10900.D Vial: 6
Acq On : 8 May 2002 12:50 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:34 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1392986	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.79	117	1255638	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	557756	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	656200	5.15	ug/L	0.05
Spiked Amount 5.000			Recovery	=	103.00%	
3) 4-BROMOFLUOROBENZENE	24.38	174	462700	4.49	ug/L	0.05
Spiked Amount 5.000			Recovery	=	89.80%	
25) TOLUENE-D8	18.49	98	1672913	5.15	ug/L	0.05
Spiked Amount 5.000			Recovery	=	103.00%	
Target Compounds						Qvalue
12) ACETONE	8.28	43	13422	1.13	ug/L	85
18) 2-BUTANONE (MEK)	12.04	43	2120	0.18	ug/L	60

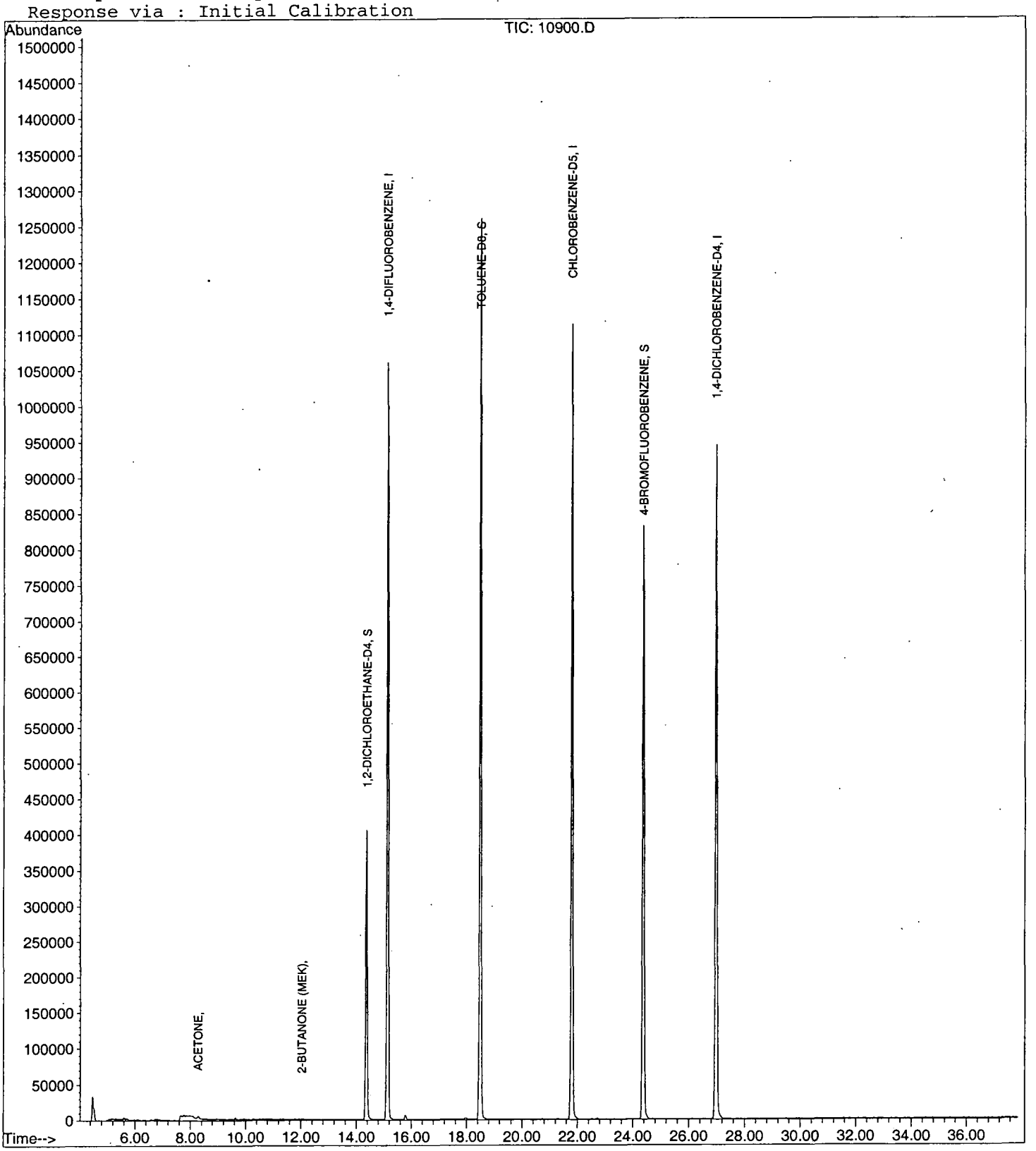
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10900.D
Acq On : 8 May 2002 12:50 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:34 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10900.D Vial: 6
Acq On : 8 May 2002 12:50 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

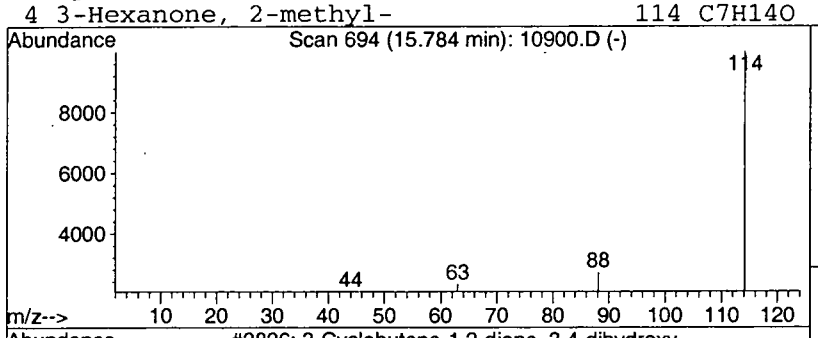
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

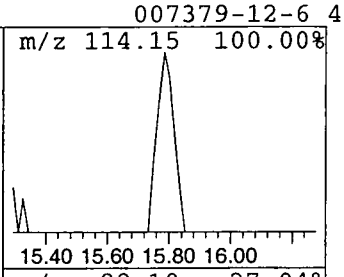
****

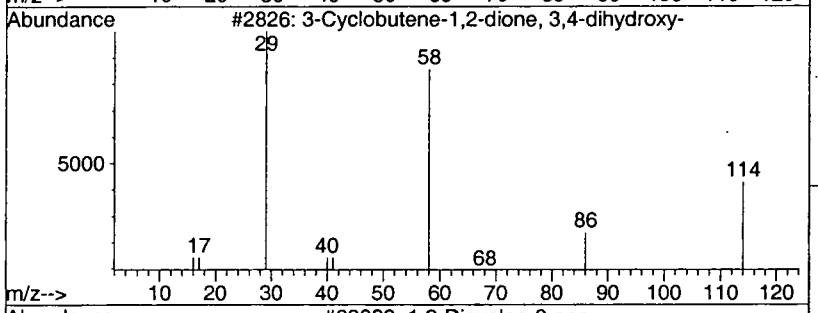
Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 1

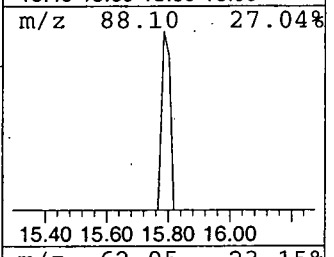
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	25332	1,4-DIFLUOROBENZENE	15.12

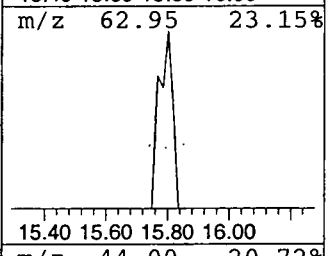
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4

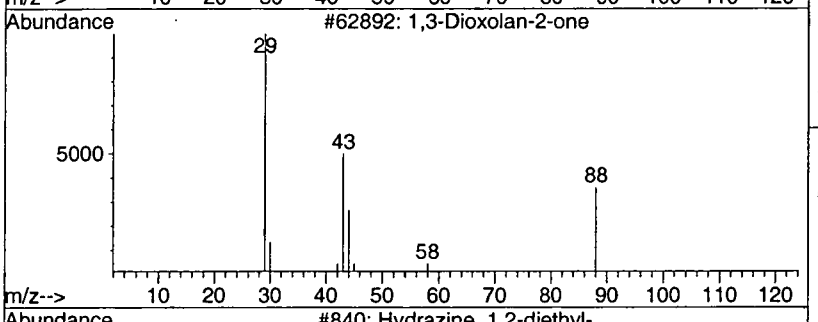


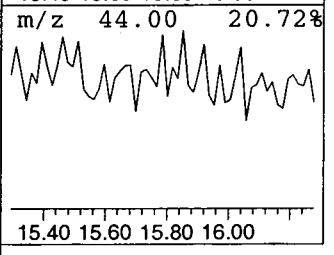


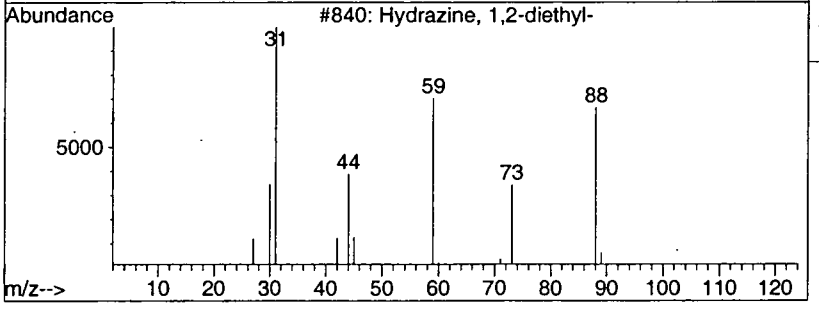












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:09:50

Sample: AE10890
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/8/02 00:01 Ended: 5/8/02 00:01 Analyst: BH
Result source: a:\10890f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.4		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:09:50

Sample: AE10890
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/8/02 00:01 Ended: 5/8/02 00:01 Analyst: BH
Result source: a:\10890f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\10890F.D Vial: 7
Acq On : 8 May 2002 1:32 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:23 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1126217	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.79	117	1024687	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	463039	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	522033	5.06	ug/L	0.05
Spiked Amount 5.000			Recovery	=	101.20%	
3) 4-BROMOFLUOROBENZENE	24.38	174	368978	4.43	ug/L	0.05
Spiked Amount 5.000			Recovery	=	88.60%	
25) TOLUENE-D8	18.49	98	1358867	5.13	ug/L	0.05
Spiked Amount 5.000			Recovery	=	102.60%	
Target Compounds						Qvalue
12) ACETONE	8.27	43	47666	4.98	ug/L	95
18) 2-BUTANONE (MEK)	12.05	43	2819	0.30	ug/L	60

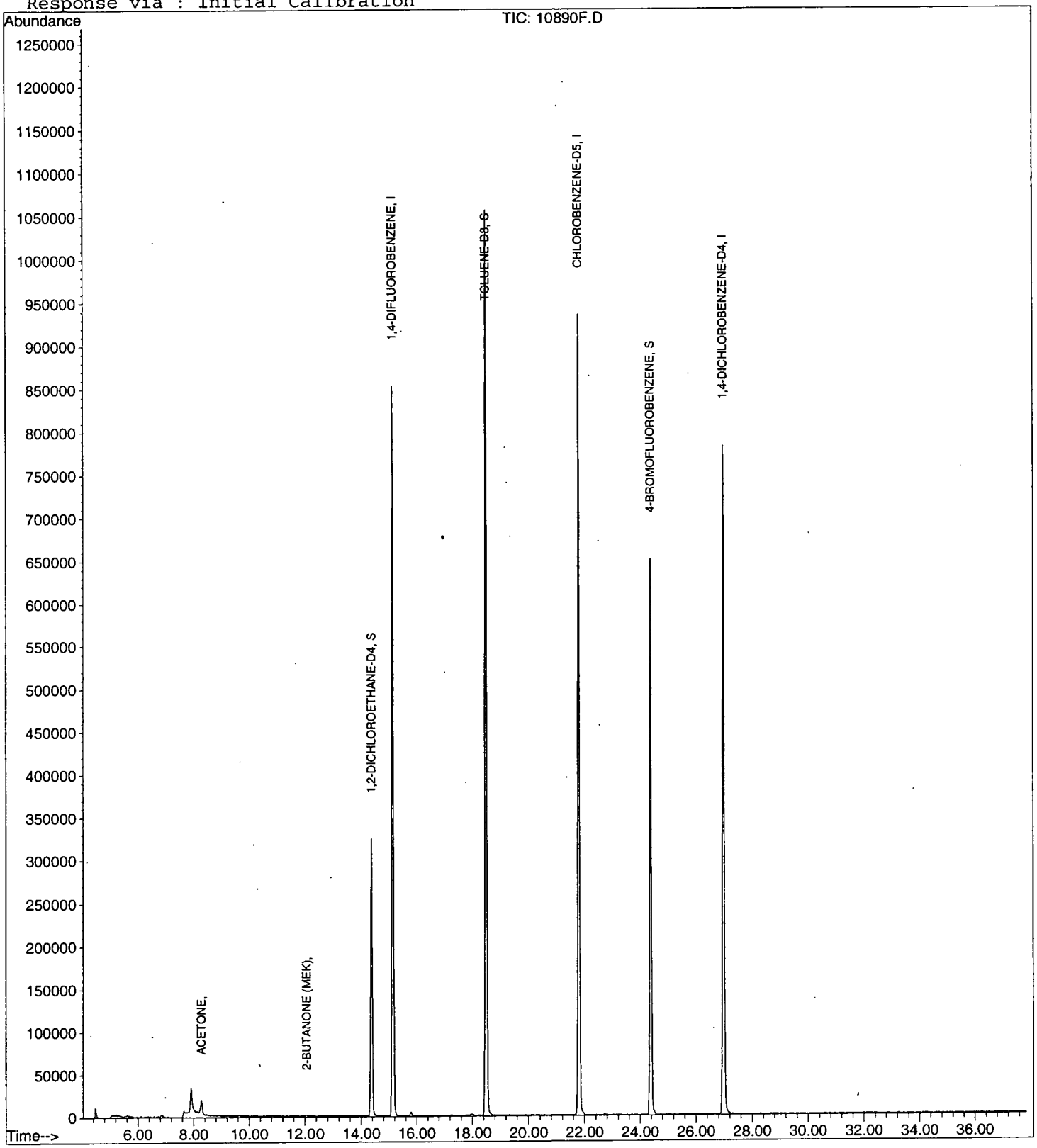
(#) = qualifier out of range (m) = manual integration
10890F.D HP042202.M Wed May 08 09:24:05 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890F.D
Acq On : 8 May 2002 1:32 am
Sample : fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 9:23 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10890F.D Vial: 7
Acq On : 8 May 2002 1:32 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

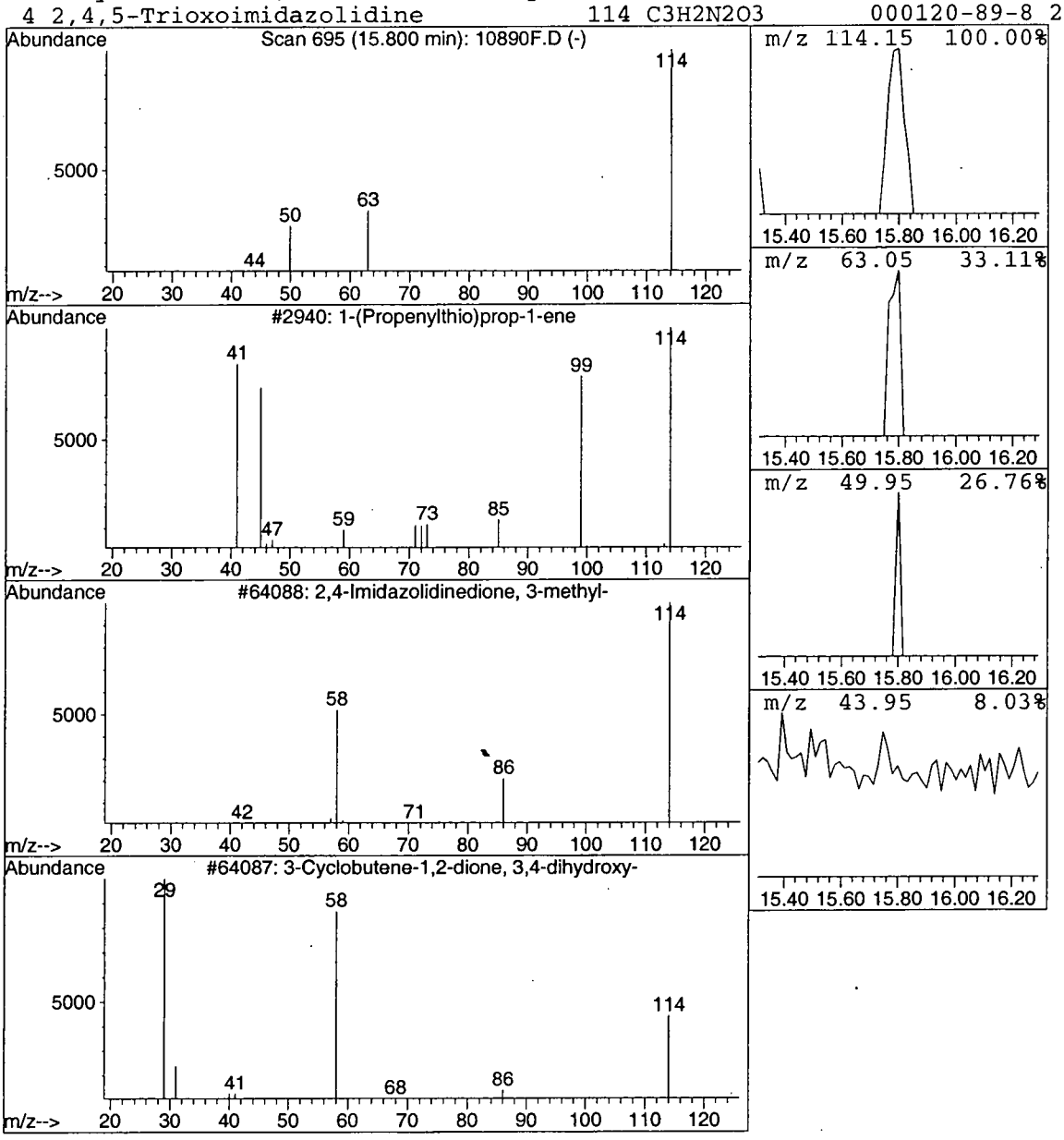
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	17060	1,4-DIFLUOROBENZENE	15.12

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:10:16

Sample: AE10894
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10894f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.2		.5
2	Surr_4-BROMOFLUOROBENZE		4.5		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:10:16

Sample: AE10894
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10894f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\10894F.D Vial: 8
Acq On : 8 May 2002 2:16 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:28 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

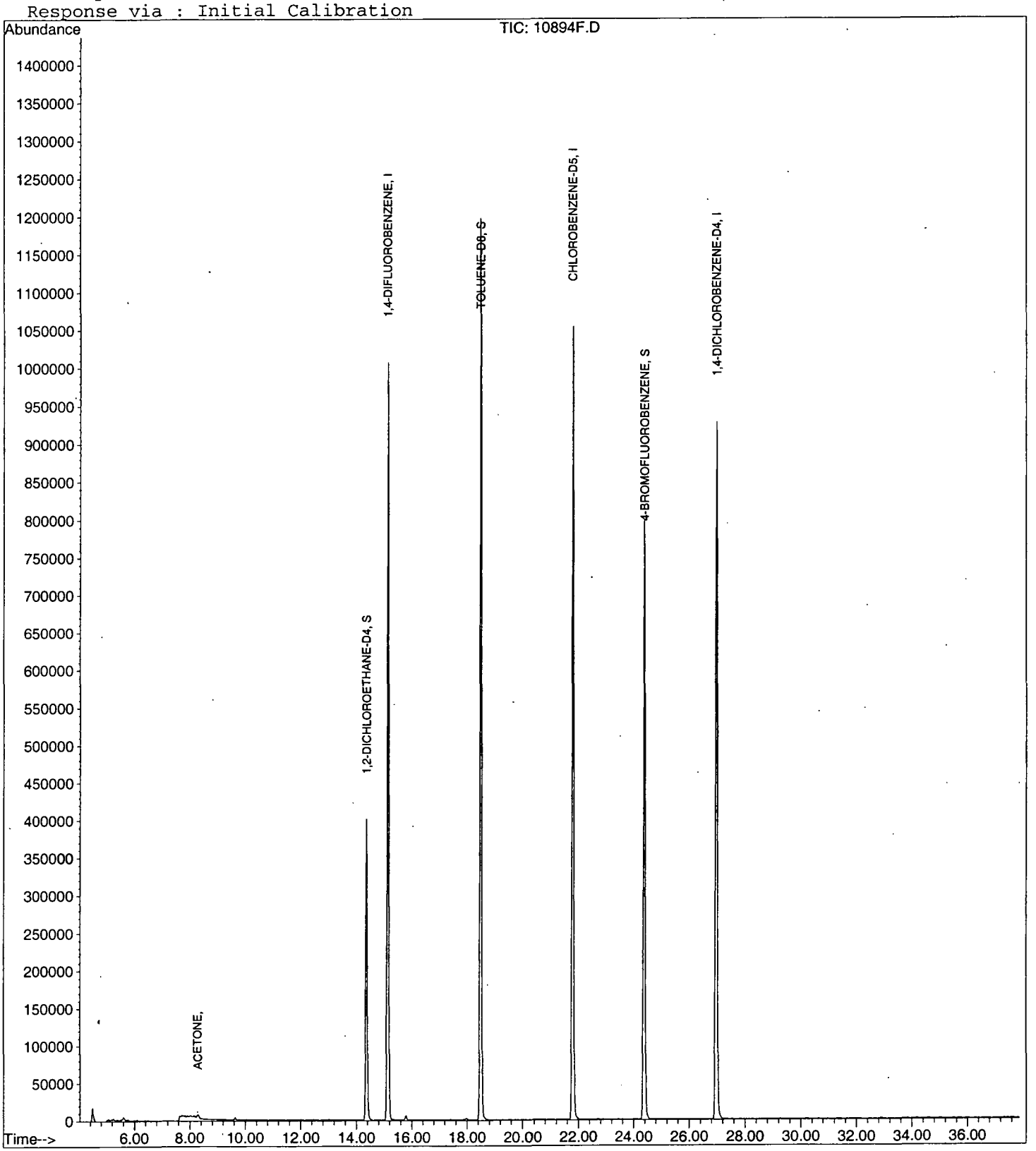
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1315487	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.79	117	1199997	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	541880	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	628509	5.22	ug/L	0.03
Spiked Amount 5.000			Recovery	= 104.40%		
3) 4-BROMOFLUOROBENZENE	24.38	174	436516	4.49	ug/L	0.05
Spiked Amount 5.000			Recovery	= 89.80%		
25) TOLUENE-D8	18.49	98	1590087	5.13	ug/L	0.05
Spiked Amount 5.000			Recovery	= 102.60%		
Target Compounds						Qvalue
12) ACETONE	8.28	43	11435	1.02	ug/L	79

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10894F.D Vial: 8
Acq On : 8 May 2002 2:16 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:28 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10894F.D Vial: 8
Acq On : 8 May 2002 2:16 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

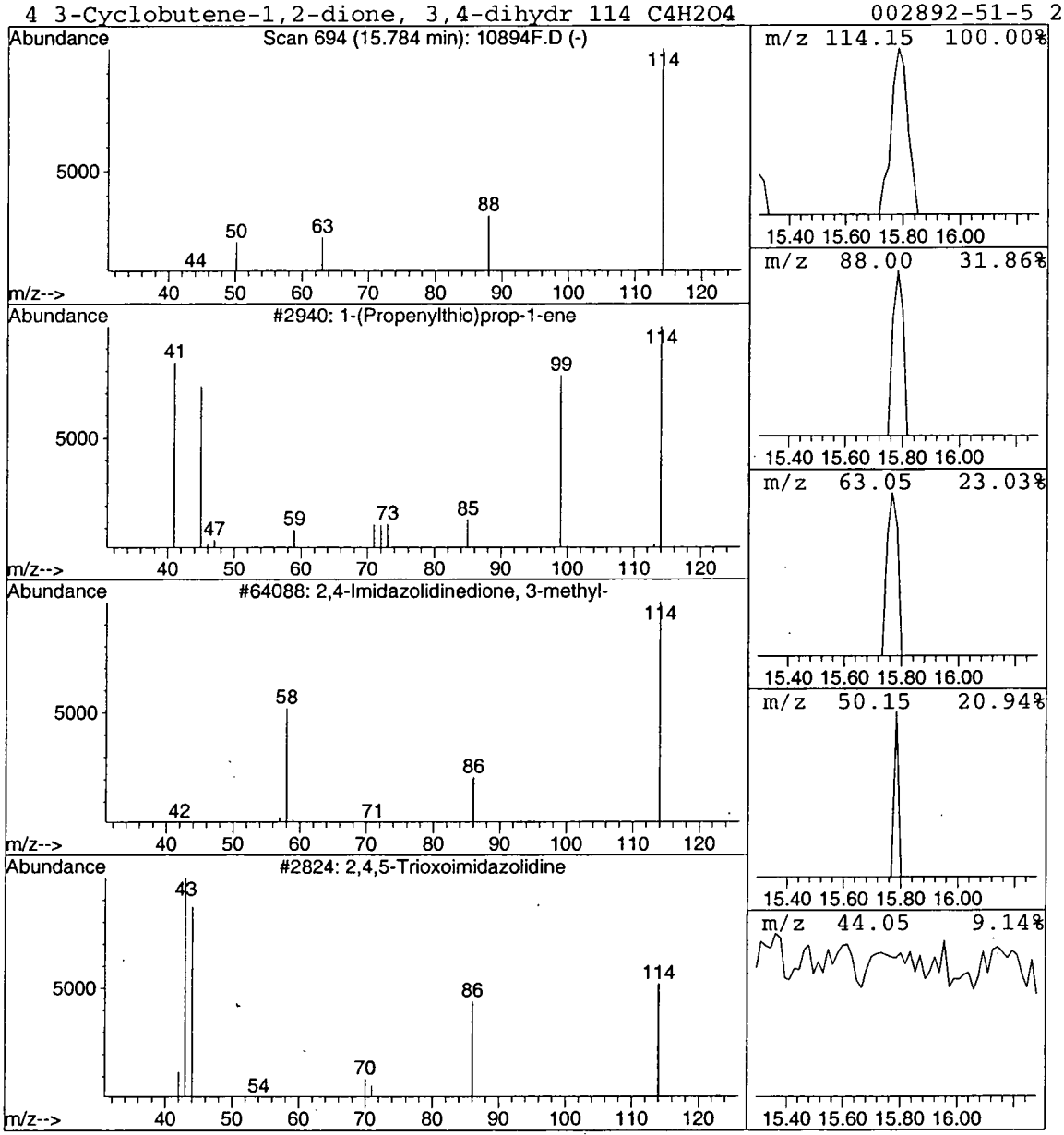
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	22355	1,4-DIFLUOROBENZENE	15.12

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:10:40

Sample: AE10898
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10898f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:10:40

Sample: AE10898
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/8/02 00:02 Ended: 5/8/02 00:02 Analyst: BH
Result source: a:\10898f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\10898F.D Vial: 9
Acq On : 8 May 2002 2:59 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 11:35 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1358353	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.79	117	1230782	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	546445	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	631541	5.08	ug/L	0.03
Spiked Amount 5.000			Recovery = 101.60%			
3) 4-BROMOFLUOROBENZENE	24.38	174	457736	4.56	ug/L	0.05
Spiked Amount 5.000			Recovery = 91.20%			
25) TOLUENE-D8	18.47	98	1633782	5.14	ug/L	0.03
Spiked Amount 5.000			Recovery = 102.80%			
Target Compounds						Qvalue
12) ACETONE	8.28	43	22805	1.97	ug/L	94
14) METHYLENE CHLORIDE	9.64	49	14697	0.14	ug/L	81

lab cont

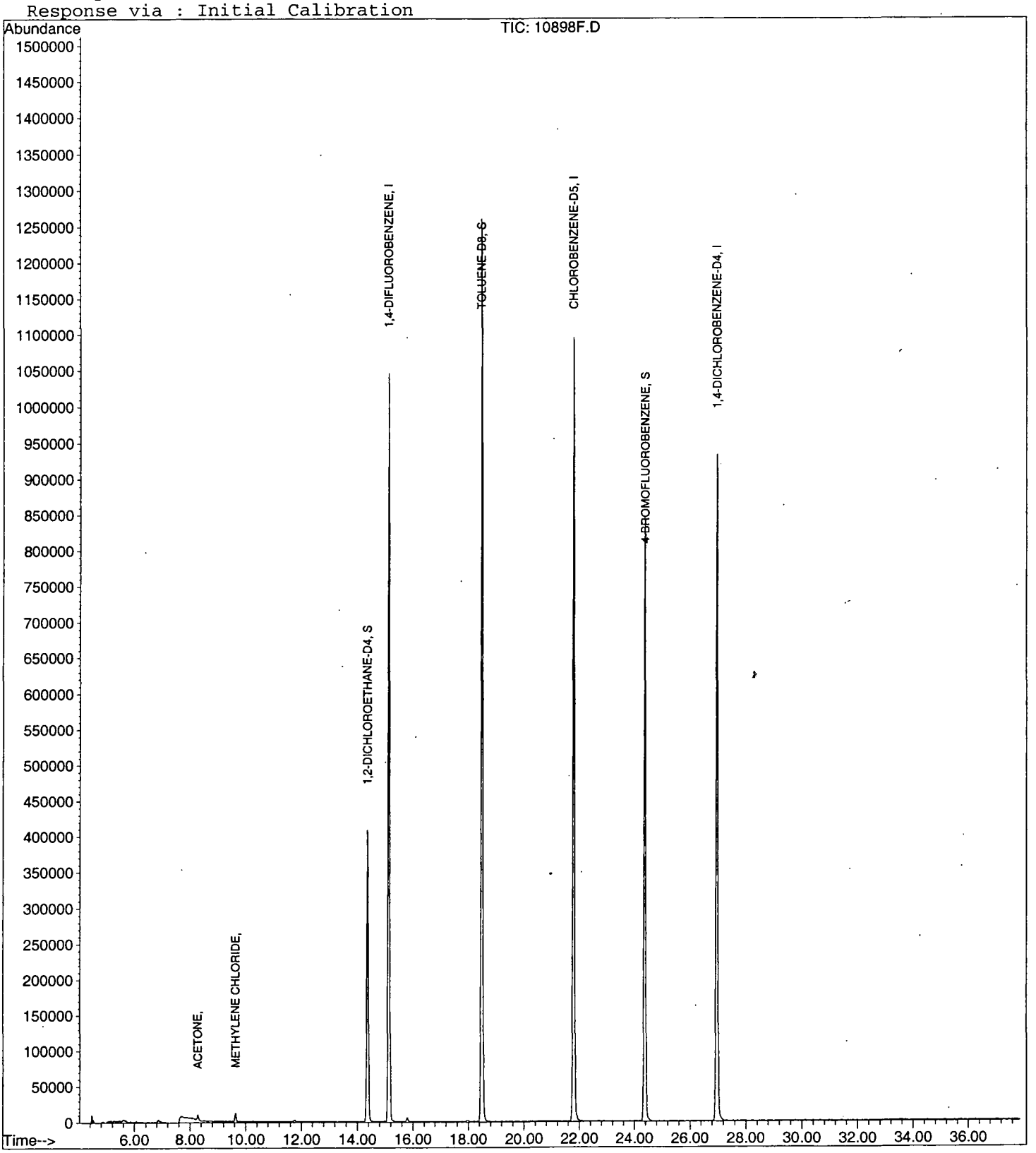
(#) = qualifier out of range (m) = manual integration
10898F.D HP042202.M Wed May 08 11:36:03 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10898F.D
Acq On : 8 May 2002 2:59 am
Sample : fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 8 11:35 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY07\10898F.D Vial: 9
Acq On : 8 May 2002 2:59 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

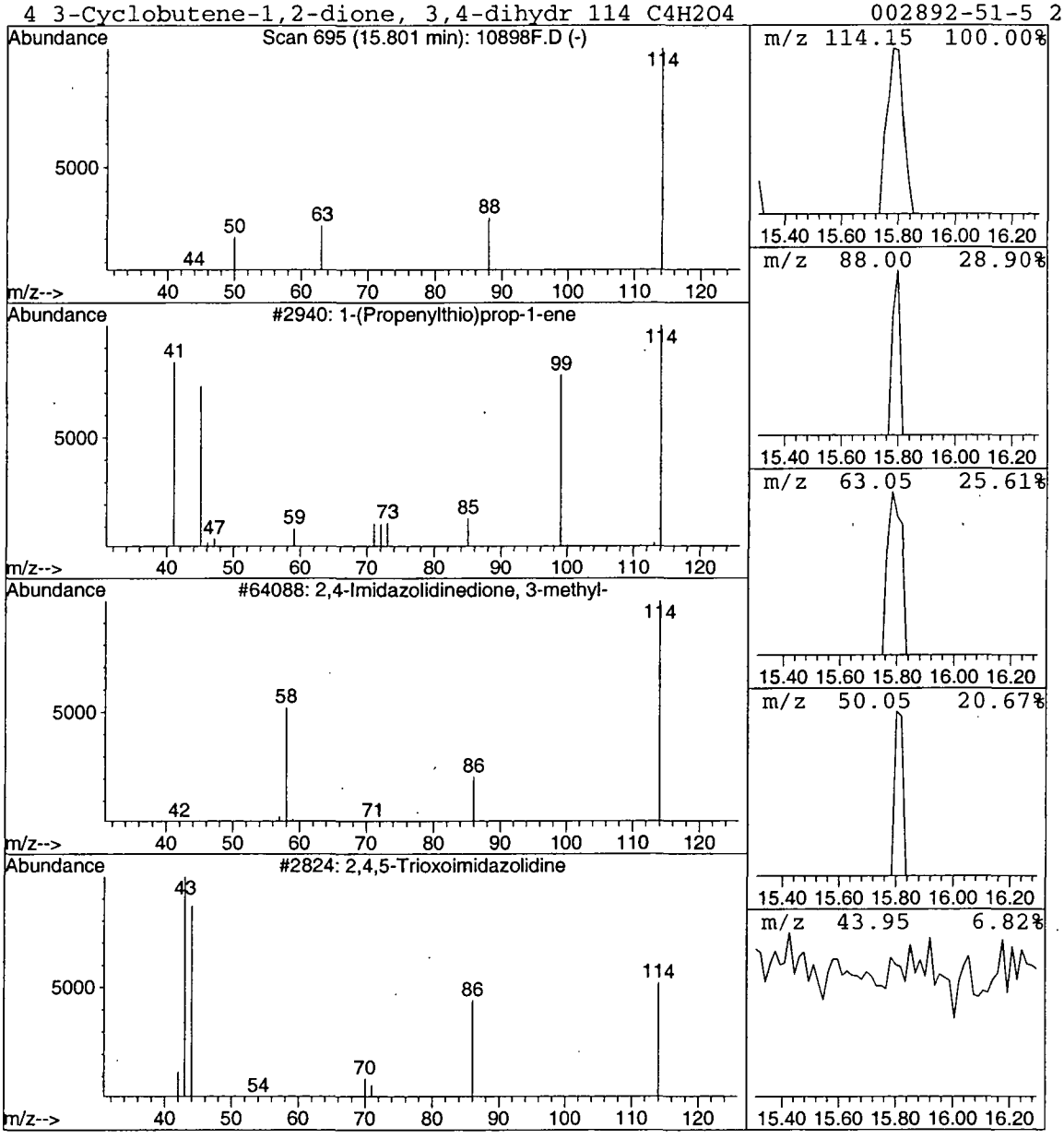
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	21220	1,4-DIFLUOROBENZENE	15.12

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:11:13

Sample: AE10890
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/8/02 00:03 Ended: 5/8/02 00:03 Analyst: BH
Result source: a:\0507c10b.rr
Page: 1

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	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.2		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane		9.5		.5
4	Chloromethane		8.6		.5
5	Vinyl chloride		11		.5
6	Bromomethane		11		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		9.9		.5
9	1,1-Dichloroethene		9.6		.5
10	Methylene Chloride		8.3		.5
11	Methyl tert-butyl ether		8.1		1.0
12	trans-1,2-dichloroethene		9.1		.5
13	1,1-dichloroethane		8.9		.5
14	2-butanone (MEK)		29		2.0
15	2,2-dichloropropane		7.4		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		8.6		.5
19	1,2-dichloroethane		9.8		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		9.8		.5
22	1,1-dichloropropene		9.7		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.2		.5
25	Trichloroethene		9.6		.5
26	1,2-dichloropropane		8.5		.5
27	Dibromomethane		9.4		.5
28	Bromodichloromethane		9.6		.5
29	Methyl iso-butyl ketone		34		1.0
30	cis-1,3-dichloropropene		8.9		.5
31	Toluene		9.3		.5
32	trans-1,3-dichloropropene		8.9		.5
33	1,1,2-trichloroethane		9.4		.5
34	Tetrachloroethene		9.5		.5
35	1,3-dichloropropane		9.2		.5
36	Dibromochloromethane		9.9		2.0
37	Chlorobenzene		9.8		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		9.7		.5
40	P & M-xylene		19		.5
41	O-xylene		9.9		.5
42	Styrene		9.6		.5
43	1,1,2,2-tetrachloroethane		9.0		.5
44	Bromoform		9.3		2.0
45	Isopropylbenzene		9.4		.5
46	1,2,3-trichloropropane		9.8		.5
47	N-propylbenzene		8.8		.5
48	Bromobenzene		9.3		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:11:13

Sample: AE10890
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/8/02 00:03 Ended: 5/8/02 00:03 Analyst: BH
Result source: a:\0507c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.4		.5
50	2-chlorotoluene		8.5		.5
51	4-chlorotoluene		9.5		.5
52	TERT-butylbenzene		9.1		.5
53	1,2,4-trimethylbenzene		9.3		.5
54	SEC-butylbenzene		8.9		.5
55	P-isopropyltoluene		9.1		.5
56	1,3-dichlorobenzene		9.1		.5
57	1,4-dichlorobenzene		9.0		.5
58	N-butylbenzene		8.7		.5
59	1,2-dichlorobenzene		9.0		.5
60	1,2,4-trichlorobenzene		8.6		.5
61	Hexachlobutadiene		7.9		.5
62	Naphthalene		7.9		.5
63	1,2,3-trichlorobenzene		8.6		.5
64	Nitrobenzene		140		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\0507C10B.D Vial: 3
Acq On : 8 May 2002 3:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 11:41 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1470080	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.78	117	1419136	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	707978	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	702868	5.22	ug/L	0.03
Spiked Amount 5.000			Recovery	= 104.40%		
3) 4-BROMOFLUOROBENZENE	24.36	174	558885	5.14	ug/L	0.03
Spiked Amount 5.000			Recovery	= 102.80%		
25) TOLUENE-D8	18.47	98	1800091	4.91	ug/L	0.03
Spiked Amount 5.000			Recovery	= 98.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	548036	9.51	ug/L	98
5) CHLOROMETHANE	5.45	50	637700	8.61	ug/L	97
6) VINYL CHLORIDE	5.60	62	482826	11.39	ug/L	99
7) BROMOMETHANE	6.59	94	427722	11.10	ug/L	96
8) CHLOROETHANE	6.73	64	439476	10.48	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.30	101	721767	9.94	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	583044	12.05	ug/L	94
12) ACETONE	8.28	43	314433	25.14	ug/L	98
13) 1,1-DICHLOROETHENE	8.62	61	1167372	9.58	ug/L	98
14) METHYLENE CHLORIDE	9.62	49	955727	8.30	ug/L	95
15) METHYL TERT BUTYL ETHER	9.93	73	642696	8.07	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.28	61	1149515	9.14	ug/L	98
17) 1,1-DICHLOROETHANE	11.19	63	1242069	8.91	ug/L	98
18) 2-BUTANONE (MEK)	12.02	43	349173	28.71	ug/L	94
19) 2,2-DICHLOROPROPANE	12.41	77	743817	7.37	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.50	96	703687	10.10	ug/L	96
21) CHLOROFORM	12.84	83	1323901	10.01	ug/L	99
22) BROMOCHLOROMETHANE	13.21	49	526990	8.63	ug/L	84
23) 1,2-DICHLOROETHANE	14.56	62	998093	9.80	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.72	97	1017620	9.77	ug/L	97
27) 1,1-DICHLOROPROPENE	14.05	75	1045662	9.67	ug/L	98
28) CARBON TETRACHLORIDE	14.32	117	883119	10.06	ug/L	99
29) BENZENE	14.66	78	2297009	9.23	ug/L	99
30) TRICHLOROETHENE	15.94	95	763538	9.56	ug/L	95
31) 1,2-DICHLOROPROPANE	16.28	63	608843	8.54	ug/L	97
32) DIBROMOMETHANE	16.96	174	286277	9.35	ug/L	94
33) BROMODICHLOROMETHANE	16.80	83	877798	9.59	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	169118	8.26	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.37	58	310541	33.89	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.89	75	822651	8.89	ug/L	99
37) TOLUENE	18.66	91	2351651	9.34	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.93	75	593649	8.88	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.32	97	370254	9.44	ug/L	98
40) TETRACHLOROETHENE	20.11	166	661170	9.52	ug/L	96
41) 1,3-DICHLOROPROPANE	19.85	76	728443	9.23	ug/L	98
42) DIBROMOCHLOROMETHANE	20.53	129	446309	9.87	ug/L	98
43) 1,2-DIBROMOETHANE	20.99	107	365464	9.17	ug/L	94
44) CHLOROBENZENE	21.86	112	1487988	9.81	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	555770	10.08	ug/L	98
46) 2-HEXANONE	19.21	43	558998	31.98	ug/L	99
47) ETHYLBENZENE	21.91	91	2781293	9.72	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY07\0507C10B.D Vial: 3
Acq On : 8 May 2002 3:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 11:41 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 06 11:52:45 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.07	106	1784449	19.15 ug/L	98
49)	O-XYLENE	23.04	91	2163992	9.86 ug/L	98
50)	STYRENE	23.10	104	1417850	9.65 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	331538	8.95 ug/L	98
53)	BROMOFORM	23.96	173	210043	9.34 ug/L	98
54)	ISOPROPYLBENZENE	23.77	105	2360420	9.38 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.45	110	114459	9.82 ug/L	98
56)	N-PROPYLBENZENE	24.64	91	2981060	8.78 ug/L	100
57)	BROMOBENZENE	24.87	156	576803	9.33 ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.94	105	2136754	9.37 ug/L	95
59)	2-CHLOROTOLUENE	25.11	91	1951034	8.52 ug/L	100
60)	4-CHLOROTOLUENE	25.20	91	2018163	9.54 ug/L	98
61)	TERT-BUTYLBENZENE	25.74	119	1809458	9.10 ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.84	105	2182837	9.31 ug/L	97
63)	SEC-BUTYLBENZENE	26.20	105	2455397	8.87 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.46	119	1923924	9.09 ug/L	98
65)	1,3-DICHLOROBENZENE	26.82	146	1051598	9.11 ug/L	98
66)	1,4-DICHLOROBENZENE	27.04	146	1070155	9.01 ug/L	98
67)	N-BUTYLBENZENE	27.34	91	2016498	8.71 ug/L	100
68)	1,2-DICHLOROBENZENE	27.89	146	879027	9.03 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	43986	8.40 ug/L	83
70)	1,2,4-TRICHLOROBENZENE	31.97	180	542739	8.65 ug/L	97
71)	HEXACHLOROBUTADIENE	32.28	225	355803	7.93 ug/L	97
72)	NAPHTHALENE	32.83	128	554990	7.91 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.52	180	423380	8.57 ug/L	95
74)	NITROBENZENE	29.90	77	160708	140.76 ug/L	100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY07\0507C10B.D Vial: 3
Acq On : 8 May 2002 3:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 11:41 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration