User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:27

Sample: AE05231
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\0310b1.rr
Page: 1

	Component Name	Vial	Result
1	Surr - 1,2-DICHLOROETHANE-D		6.1
2	Surr - 4-BROMOFLUOROBENZE		4.0
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		1.8
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.82
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHENE		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.1
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< 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-TETRACHLOROETHANE		< 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-TETRACHLOROETHANE		< MDL

– lab contamination

Reviewed by,
JB 5/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:27

Sample: AE05231
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\0310b1.rr
Page: 2

	Component Name	Viol	Result
48	BROMOFORM		< MDL
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-CHLOROPROPA		< 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\02mar10\0310B1.D Vial: 1
Acq On : 10 Mar 2002 11:12 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 11:50 2002 Quant Results File: HP022702.RES

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

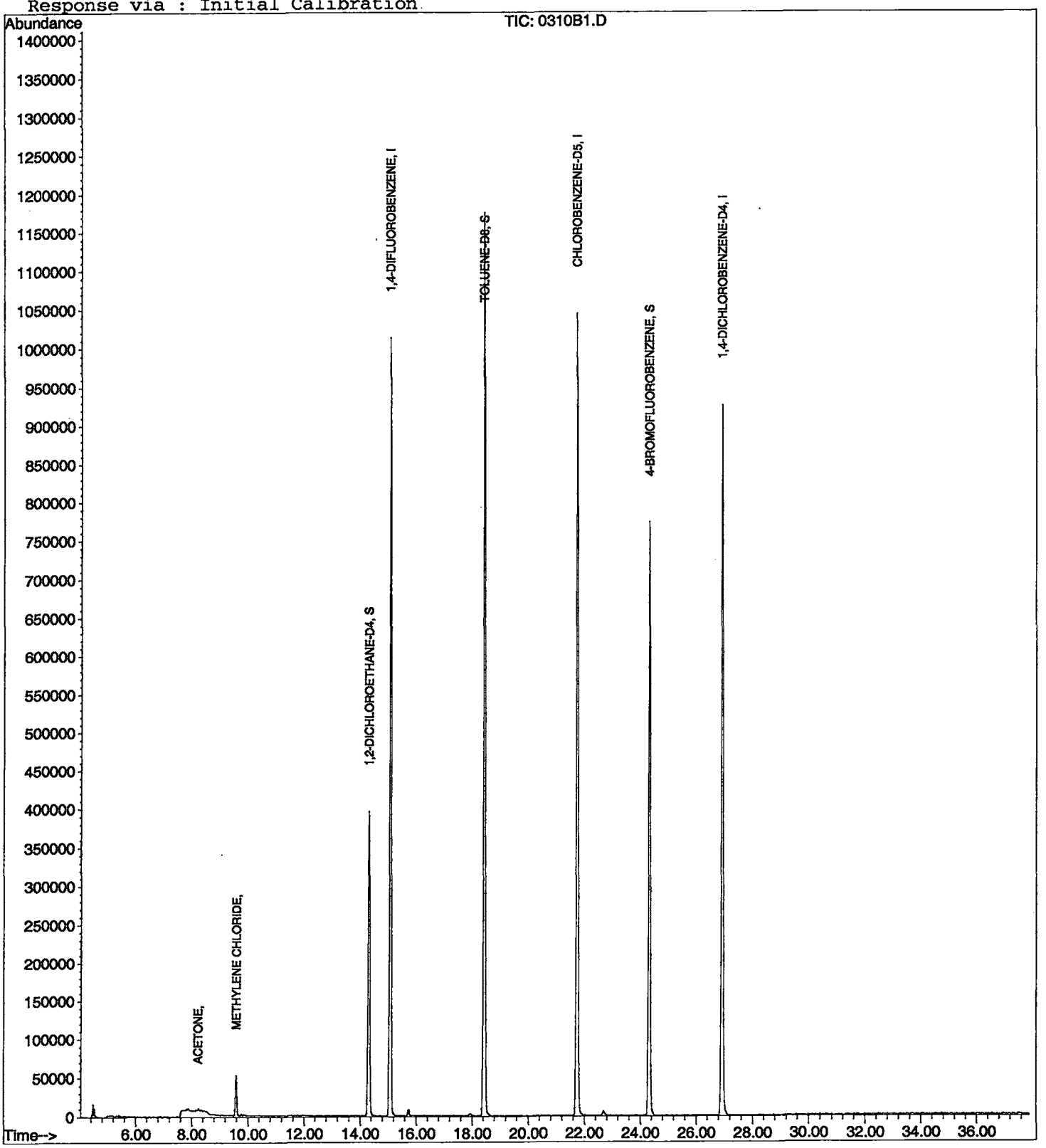
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1466718	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.72	117	1276626	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	612182	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	576185	6.07	ug/L	-0.10
Spiked Amount 5.000			Recovery =	121.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	478182	4.03	ug/L	-0.10
Spiked Amount 5.000			Recovery =	80.60%		
25) TOLUENE-D8	18.42	98	1565711	5.09	ug/L	-0.10
Spiked Amount 5.000			Recovery =	101.80%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	13304	1.77	ug/L	52
14) METHYLENE CHLORIDE	9.59	49	61400	0.82	ug/L	90

(#) = qualifier out of range (m) = manual integration
0310B1.D HP022702.M Sun Mar 10 11:51:06 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar10\0310B1.D Vial: 1
Acq On : 10 Mar 2002 11:12 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 11:50 2002 Quant Results File: HP022702.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\0310B1.D Vial: 1
Acq On : 10 Mar 2002 11:12 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

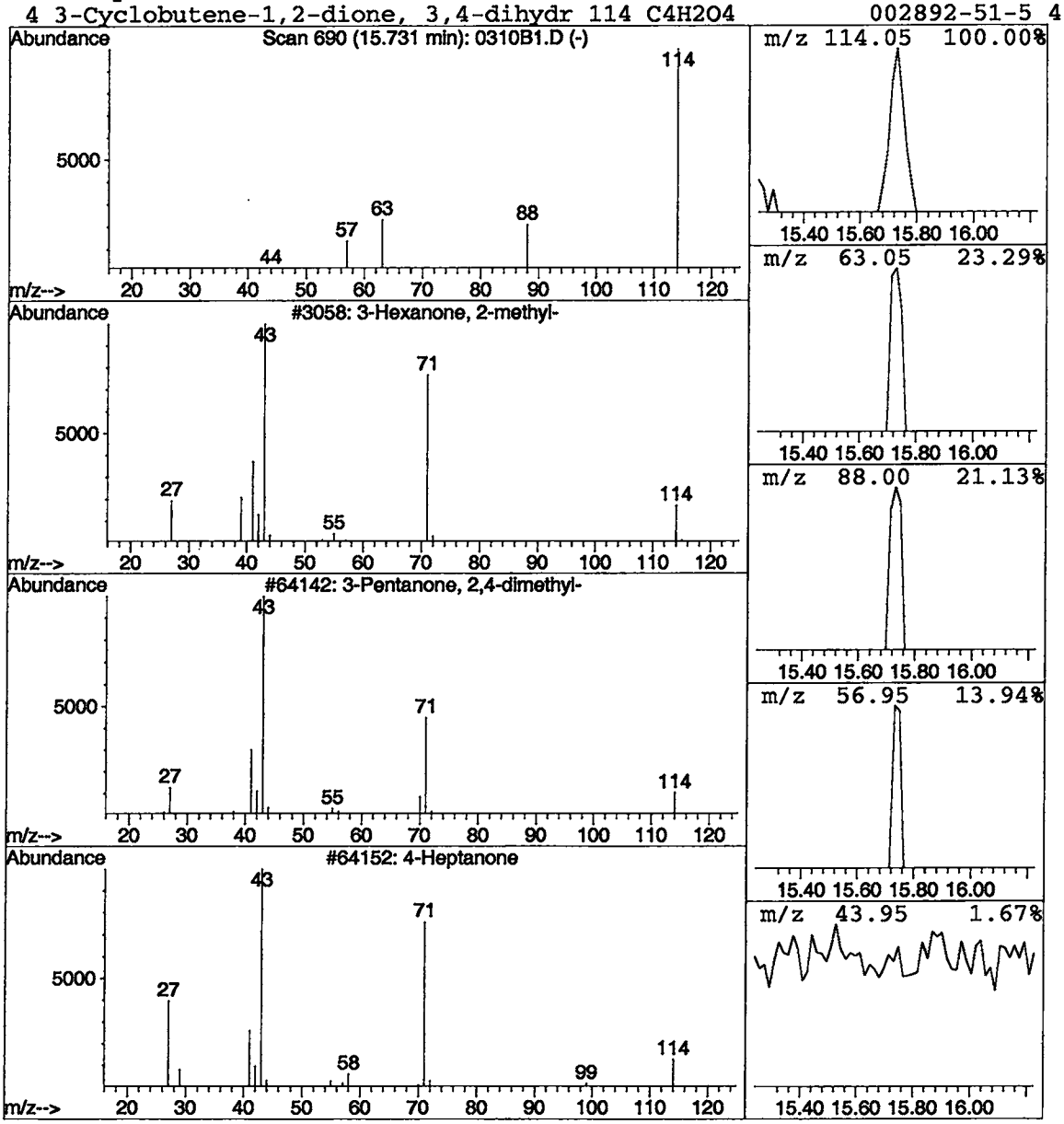
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.04 ug/L	28176	1,4-DIFLUOROBENZENE	15.07

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:38

Sample: AE05231
Analysis: SC1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 03/10/02 00:02 Ended: 03/10/02 00:02 Analyst: BH
Result source: a:\0310c10.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.8	.5
2	Surr_4-BROMOFLUOROBENZEN		4.6	.5
3	Dichlorodifluoromethane		7.3	.5
4	Chloromethane		9.0	.5
5	Vinyl chloride	USPEC	13	.5
6	Bromomethane		12	.5
7	Chloroethane	USPEC	14	.5
8	Trichlorofluoromethane		13	.5
9	1,1-Dichloroethene	USPEC	15	.5
10	Methylene Chloride		12	.5
11	Methyl tert-butyl ether		10	1.0
12	trans-1,2-dichloroethene		12	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		8.0	2.0
15	2,2-dichloropropane		12	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		11	.5
18	Bromochloromethane		8.7	.5
19	1,2-dichloroethane		10	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		12	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride		12	.5
24	Benzene		9.9	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		8.9	.5
27	Dibromomethane		8.8	.5
28	Bromodichloromethane		10	.5
29	Methyl iso-butyl ketone		8.0	1.0
30	cis-1,3-dichloropropene		9.6	.5
31	Toluene		9.9	.5
32	trans-1,3-dichloropropene		9.7	.5
33	1,1,2-trichloroethane		8.8	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		8.9	.5
36	Dibromochloromethane		9.5	2.0
37	Chlorobenzene		9.4	.5
38	1,1,1,2-tetrachloroethane		9.9	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		19	.5
41	O-xylene		9.9	.5
42	Styrene		9.2	.5
43	1,1,2,2-tetrachloroethane		7.9	.5
44	Bromoform		9.8	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		9.3	.5
47	N-propylbenzene		10	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:38

Sample: AE05231
Analysis: SC1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 03/10/02 00:02 Ended: 03/10/02 00:02 Analyst: BH
Result source: a:\0310c10.rr
Page: 2

	Component Name	Vlol	Result	MDL
48	Bromobenzene		9.2	.5
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		9.9	.5
51	4-chlorotoluene		9.9	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		9.2	.5
57	1,4-dichlorobenzene		9.1	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		9.1	.5
60	1,2,4-trichlorobenzene		9.2	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		7.6	.5
63	1,2,3-trichlorobenzene		8.9	.5
64	Nitrobenzene		190	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\0310C10.D Vial: 2
Acq On : 10 Mar 2002 12:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 12:50 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1433372	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1372254	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	696737	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	538278	5.81	ug/L	-0.09
Spiked Amount 5.000			Recovery = 116.20%			
3) 4-BROMOFLUOROBENZENE	24.33	174	529556	4.56	ug/L	-0.09
Spiked Amount 5.000			Recovery = 91.20%			
25) TOLUENE-D8	18.44	98	1726631	5.22	ug/L	-0.09
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	284011	7.34	ug/L	98
5) CHLOROMETHANE	5.47	50	384805	9.04	ug/L	98
6) VINYL CHLORIDE	5.59	62	295411	13.01	ug/L	95
7) BROMOMETHANE	6.58	94	314465	11.55	ug/L	94
8) CHLOROETHANE	6.71	64	338123	14.11	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	658855	12.53	ug/L	98
12) ACETONE	8.24	43	94555	12.89	ug/L	99
13) 1,1-DICHLOROETHENE	8.58	61	930804	14.91	ug/L	96
14) METHYLENE CHLORIDE	9.59	49	890896	12.11	ug/L	97
15) METHYL TERT BUTYL ETHER	9.89	73	871572	10.34	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.25	61	986000	11.65	ug/L	99
17) 1,1-DICHLOROETHANE	11.15	63	1137026	10.88	ug/L	97
18) 2-BUTANONE (MEK)	11.97	43	125797	8.01	ug/L	89
19) 2,2-DICHLOROPROPANE	12.36	77	915586	11.88	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.46	96	696951	10.84	ug/L	99
21) CHLOROFORM	12.79	83	1220898	11.12	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	470482	8.70	ug/L	97
23) 1,2-DICHLOROETHANE	14.51	62	716266	10.33	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.69	97	855291	11.65	ug/L	99
27) 1,1-DICHLOROPROPENE	14.01	75	828400	11.52	ug/L	98
28) CARBON TETRACHLORIDE	14.27	117	740350	12.02	ug/L	99
29) BENZENE	14.61	78	2018130	9.92	ug/L	98
30) TRICHLOROETHENE	15.89	95	628415	10.50	ug/L	98
31) 1,2-DICHLOROPROPANE	16.24	63	526181	8.91	ug/L	96
32) DIBROMOMETHANE	16.91	174	273532	8.83	ug/L	92
33) BROMODICHLOROMETHANE	16.75	83	753688	10.17	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	173641	9.27	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.32	58	83830	7.96	ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.84	75	771912	9.58	ug/L	99
37) TOLUENE	18.61	91	2203205	9.85	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	558062	9.68	ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.27	97	338309	8.80	ug/L	98
40) TETRACHLOROETHENE	20.06	166	642618	10.01	ug/L	97
41) 1,3-DICHLOROPROPANE	19.80	76	625570	8.88	ug/L	99
42) DIBROMOCHLOROMETHANE	20.50	129	438926	9.52	ug/L	100
43) 1,2-DIBROMOETHANE	20.94	107	347514	8.88	ug/L	98
44) CHLOROBENZENE	21.83	112	1438116	9.38	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	501676	9.87	ug/L	97
46) 2-HEXANONE	19.17	43	143999	5.37	ug/L	89
47) ETHYLBENZENE	21.86	91	2595316	10.22	ug/L	99
48) P & M-XYLENE	22.03	106	1765408	19.30	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\0310C10.D Vial: 2
Acq On : 10 Mar 2002 12:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 12:50 2002 Quant Results File: HP022702.RES

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

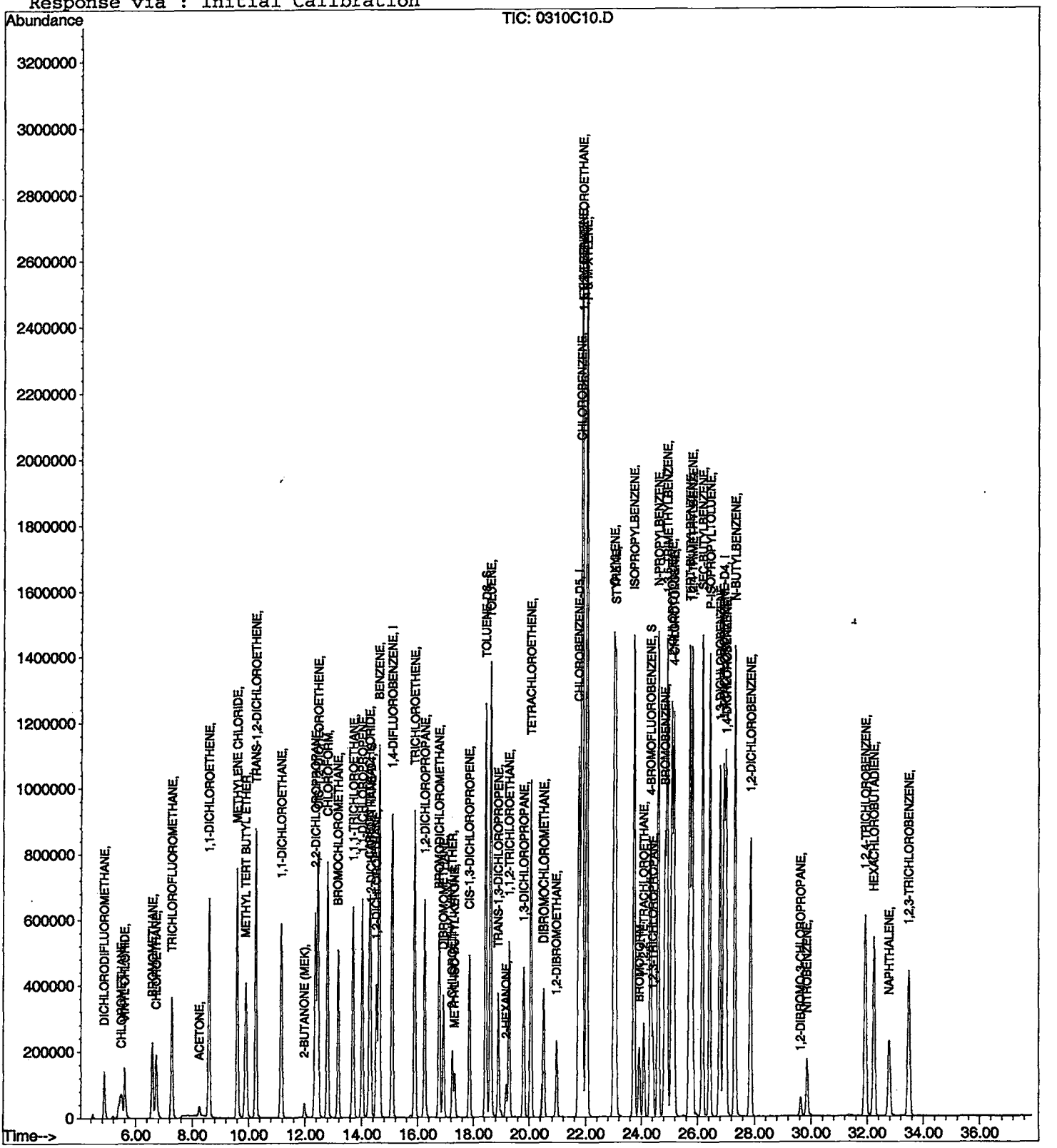
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.00	91	1987532	9.88	ug/L	97
50)	STYRENE	23.05	104	1408694	9.23	ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.07	83	348885	7.88	ug/L	98
53)	BROMOFORM	23.92	173	214219	9.84	ug/L	98
54)	ISOPROPYLBENZENE	23.72	105	2318975	10.54	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.42	110	108690	9.29	ug/L	97
56)	N-PROPYLBENZENE	24.60	91	2948682	10.37	ug/L	99
57)	BROMOBENZENE	24.84	156	565579	9.17	ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1990159	10.53	ug/L	96
59)	2-CHLOROTOLUENE	25.08	91	1905112	9.92	ug/L	99
60)	4-CHLOROTOLUENE	25.15	91	1688705	9.93	ug/L	99
61)	TERT-BUTYLBENZENE	25.71	119	1841645	10.27	ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	2069120	10.41	ug/L	95
63)	SEC-BUTYLBENZENE	26.17	105	2532669	10.51	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.42	119	1979505	10.44	ug/L	96
65)	1,3-DICHLOROBENZENE	26.78	146	1083170	9.24	ug/L	99
66)	1,4-DICHLOROBENZENE	27.00	146	1087354	9.07	ug/L	97
67)	N-BUTYLBENZENE	27.31	91	2011357	10.26	ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	914001	9.12	ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.62	157	50811	9.19	ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.92	180	581965	9.18	ug/L	98
71)	HEXACHLOROBUTADIENE	32.23	225	310195	10.87	ug/L	99
72)	NAPHTHALENE	32.77	128	602427	7.55	ug/L	97
73)	1,2,3-TRICHLOROBENZENE	33.47	180	462940	8.95	ug/L	100
74)	NITROBENZENE	29.85	77	258325	185.14	ug/L	96

(#) = qualifier out of range (m) = manual integration
0310C10.D HP022702.M Fri Mar 15 12:25:43 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\0310C10.D Vial: 2
Acq On : 10 Mar 2002 12:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 12:50 2002 Quant Results File: HP022702.RES

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:04

Sample: AE05231
Analysis: SRE524 Reference recovery for 524
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\0310r5.rr
Page: 1

	Component Name	Vial	Result	MDL
1	1,2-DICHLOROETHANE-D4		6.5	
2	4-BROMOFLUOROBENZENE		4.6	
3	DICHLORODIFLUOROMETHANE		3.7	.5
4	CHLOROMETHANE		4.1	.5
5	VINYL CHLORIDE		6.5	.5
6	BROMOMETHANE		6.3	.5
7	CHLOROETHANE		7.4	.5
8	TRICHLOROFLUOROMETHANE		6.0	.5
9	ACETONE		7.9	.5
10	1,1-DICHLOROETHENE		5.3	.5
11	METHYLENE CHLORIDE		6.0	.5
12	METHYL TERT BUTYL ETHER		4.9	1
13	TRANS-1,2-DICHLOROETHENE		4.9	.5
14	1,1-DICHLOROETHANE		5.1	.5
15	2-BUTANONE (MEK)		4.0	.5
16	2,2-DICHLOROPROPANE		5.5	.5
17	CIS-1,2-DICHLOROETHENE		5.2	.5
18	CHLOROFORM		5.5	.5
19	BROMOCHLOROMETHANE		4.6	.5
20	1,2-DICHLOROETHANE		5.8	.5
21	TOLUENE-D8		5.2	
22	1,1,1-TRICHLOROETHANE		6.0	.5
23	1,1-DICHLOROPROPENE		6.1	.5
24	CARBON TETRACHLORIDE		6.0	.5
25	BENZENE		4.9	.5
26	TRICHLOROETHENE		5.3	.5
27	1,2-DICHLOROPROPANE		4.7	.5
28	DIBROMOMETHANE		4.5	.5
29	BROMODICHLOROMETHANE		5.4	.5
30	2-CHLOROETHYL VINYL ETHER		4.8	.5
31	METHYL ISO-BUTYL KETONE		3.9	1
32	CIS-1,3-DICHLOROPROPENE		4.9	.5
33	TOLUENE		5.2	.5
34	TRANS-1,3-DICHLOROPROPENE		5.3	.5
35	1,1,2-TRICHLOROETHANE		4.9	.5
36	TETRACHLOROETHENE		5.0	.5
37	1,3-DICHLOROPROPANE		4.9	.5
38	DIBROMOCHLOROMETHANE		5.0	2
39	1,2-DIBROMOETHANE		4.7	.5
40	CHLOROBENZENE		5.1	.5
41	1,1,1,2-TETRACHLOROETHANE		5.3	.5
42	2-HEXANONE		2.9	.5
43	ETHYLBENZENE		5.5	.5
44	P & M-XYLENE		11	.5
45	O-XYLENE		5.5	.5
46	STYRENE		5.0	.5
47	1,1,2,2-TETRACHLOROETHANE		4.4	.5

high

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:04

Sample: AE05231
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\0310r5.rr
Page: 2

	Component Name	Vial	Result	MDL
48	BROMOFORM		4.7	2
49	ISOPROPYLBENZENE		5.5	.5
50	1,2,3-TRICHLOROPROPANE		4.9	.5
51	N-PROPYLBENZENE		5.5	.5
52	BROMOBENZENE		4.9	.5
53	1,3,5-TRIMETHYLBENZENE		5.7	.5
54	2-CHLOROTOLUENE		5.2	.5
55	4-CHLOROTOLUENE		5.6	.5
56	TERT-BUTYLBENZENE		5.6	.5
57	1,2,4-TRIMETHYLBENZENE		5.5	.5
58	SEC-BUTYLBENZENE		5.7	.5
59	P-ISOPROPYLTOLUENE		5.8	.5
60	1,3-DICHLOROBENZENE		5.0	.5
61	1,4-DICHLOROBENZENE		4.9	.5
62	N-BUTYLBENZENE		5.7	.5
63	1,2-DICHLOROBENZENE		5.0	.5
64	1,2-DIBROMO-3-CHLOROPROPA		4.9	.5
65	1,2,4-TRICHLOROBENZENE		5.1	.5
66	HEXACHLOROBUTADIENE		6.1	.5
67	NAPHTHALENE		5.1	.5
68	1,2,3-TRICHLOROBENZENE		5.2	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		99	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:16

Sample: AE05231
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 03/13/02 08:59 Ended: 03/13/02 08:59 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		6.5	.5
2	Surr - 4-BROMOFLUOROBENZE		4.6	.5
3	Dichlorodifluoromethane		74	.5
4	Chloromethane		82	.5
5	Vinyl chloride		130	.5
6	Bromomethane		126	.5
7	Chloroethane		148	.5
8	Trichlorofluoromethane		120	.5
9	1,1-Dichloroethene		106	.5
10	Methylene Chloride		120	.5
11	Methyl tert butyl ether		98	1.0
12	trans-1,2-dichloroethene		98	.5
13	1,1-dichloroethane		102	.5
14	2-butanone (MEK)		80	2.0
15	2,2-dichloropropane		110	.5
16	cis-1,2-dichloroethene		104	.5
17	Chloroform		110	.5
18	Bromochloromethane		92	.5
19	1,2-dichloroethane		116	.5
20	Surr - TOLUENE-D8		5.2	.5
21	1,1,1-trichloroethane		120	.5
22	1,1-dichloropropene		122	.5
23	Carbon tetrachloride		120	.5
24	Benzene		98	.5
25	Trichloroethene		106	.5
26	1,2-dichloropropane		94	.5
27	Dibromomethane		90	.5
28	Bromodichloromethane		108	.5
29	Methyl iso-butyl ketone		78	1.0
30	cis-1,3-dichloropropene		98	.5
31	Toluene		104	.5
32	trans-1,3-dichloropropene		106	.5
33	1,1,2-trichloroethane		98	.5
34	Tetrachloroethene		100	.5
35	1,3-dichloropropane		98	.5
36	Dibromochloromethane		100	2.0
37	Chlorobenzene		102	.5
38	1,1,1,2-tetrachloroethane		106	.5
39	Ethylbenzene		110	.5
40	P & M-xylene		110	.5
41	O-xylene		110	.5
42	Styrene		100	.5
43	1,1,2,2-tetrachloroethane		88	.5
44	Bromoform		94	2.0
45	Isopropylbenzene		110	.5
46	1,2,3-trichloropropane		98	.5
47	N-propylbenzene		110	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:16

Sample: AE05231
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 03/13/02 08:59 Ended: 03/13/02 08:59 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		98	.5
49	1,3,5-trimethylbenzene		114	.5
50	2-chlorotoluene		104	.5
51	4-chlorotoluene		112	.5
52	TERT-butylbenzene		112	.5
53	1,2,4-trimethylbenzene		110	.5
54	SEC-butylbenzene		114	.5
55	P-isopropyltoluene		116	.5
56	1,3-dichlorobenzene		100	.5
57	1,4-dichlorobenzene		98	.5
58	N-butylbenzene		114	.5
59	1,2-dichlorobenzene		100	.5
60	1,2,4-trichlorobenzene		102	.5
61	Hexachlorobutadiene		122	.5
62	Naphthalene		102	.5
63	1,2,3-trichlorobenzene		104	.5
64	Ethanol			
65	Nitrobenzene		99	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar10\0310R5.D Vial: 6
Acq On : 10 Mar 2002 1:08 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 13:46 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1489925	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1429427	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.93	152	739533	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	622327	6.46	ug/L	-0.09
Spiked Amount 5.000			Recovery =	129.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	554135	4.59	ug/L	-0.09
Spiked Amount 5.000			Recovery =	91.80%		
25) TOLUENE-D8	18.44	98	1806513	5.24	ug/L	-0.09
Spiked Amount 5.000			Recovery =	104.80%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	143267	3.72	ug/L	96
5) CHLOROMETHANE	5.49	50	174696	4.06	ug/L	95
6) VINYL CHLORIDE	5.60	62	165358	6.54	ug/L	95
7) BROMOMETHANE	6.58	94	170383	6.34	ug/L	94
8) CHLOROETHANE	6.71	64	179715	7.40	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.28	101	325262	5.95	ug/L	99
12) ACETONE	8.24	43	60323	7.91	ug/L	93
13) 1,1-DICHLOROETHENE	8.60	61	345975	5.33	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	462309	6.05	ug/L	97
15) METHYL TERT BUTYL ETHER	9.91	73	433809	4.95	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.27	61	432383	4.92	ug/L	97
17) 1,1-DICHLOROETHANE	11.15	63	552138	5.08	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	64845	3.97	ug/L	87
19) 2,2-DICHLOROPROPANE	12.38	77	439167	5.48	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.46	96	348794	5.22	ug/L	99
21) CHLOROFORM	12.80	83	629306	5.51	ug/L	98
22) BROMOCHLOROMETHANE	13.18	49	257546	4.58	ug/L	91
23) 1,2-DICHLOROETHANE	14.52	62	414835	5.75	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.69	97	461044	6.03	ug/L	98
27) 1,1-DICHLOROPROPENE	14.01	75	454072	6.06	ug/L	98
28) CARBON TETRACHLORIDE	14.29	117	387435	6.04	ug/L	98
29) BENZENE	14.63	78	1044574	4.93	ug/L	99
30) TRICHLOROETHENE	15.89	95	329652	5.29	ug/L	98
31) 1,2-DICHLOROPROPANE	16.24	63	286128	4.65	ug/L	100
32) DIBROMOMETHANE	16.92	174	146816	4.55	ug/L	93
33) BROMODICHLOROMETHANE	16.77	83	413206	5.35	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	93528	4.79	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.33	58	42420	3.87	ug/L	92
36) CIS-1,3-DICHLOROPROPENE	17.86	75	408633	4.87	ug/L	99
37) TOLUENE	18.61	91	1204672	5.17	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	320544	5.34	ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.27	97	194630	4.86	ug/L	97
40) TETRACHLOROETHENE	20.06	166	335025	5.01	ug/L	96
41) 1,3-DICHLOROPROPANE	19.80	76	357760	4.88	ug/L	99
42) DIBROMOCHLOROMETHANE	20.50	129	240393	5.00	ug/L	98
43) 1,2-DIBROMOETHANE	20.96	107	193294	4.74	ug/L	96
44) CHLOROBENZENE	21.83	112	813275	5.09	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	278425	5.26	ug/L	97
46) 2-HEXANONE	19.17	43	81164	2.91	ug/L	96
47) ETHYLBENZENE	21.88	91	1464420	5.54	ug/L	98
48) P & M-XYLENE	22.03	106	1008237	10.58	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar10\0310R5.D Vial: 6
Acq On : 10 Mar 2002 1:08 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 13:46 2002 Quant Results File: HP022702.RES

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

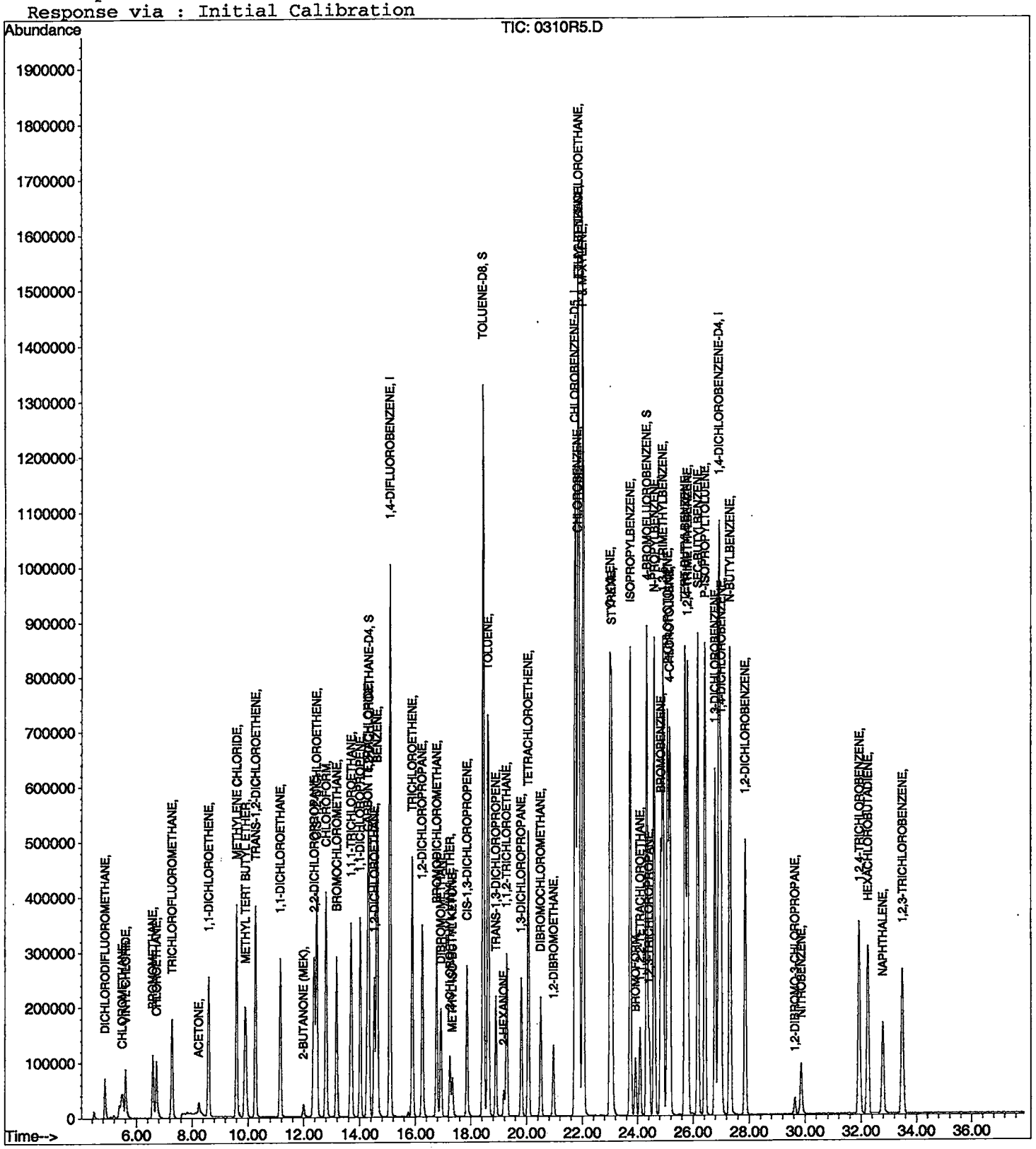
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.00	91	1147456	5.48	ug/L	97
50)	STYRENE	23.05	104	790948	4.98	ug/L	92
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	203053	4.40	ug/L	98
53)	BROMOFORM	23.92	173	109264	4.73	ug/L	95
54)	ISOPROPYLBENZENE	23.73	105	1294092	5.54	ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.41	110	60574	4.88	ug/L	94
56)	N-PROPYLBENZENE	24.60	91	1646630	5.46	ug/L	98
57)	BROMOBENZENE	24.84	156	323064	4.93	ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1140249	5.68	ug/L	97
59)	2-CHLOROTOLUENE	25.08	91	1060082	5.20	ug/L	98
60)	4-CHLOROTOLUENE	25.15	91	1010319	5.60	ug/L	98
61)	TERT-BUTYLBENZENE	25.71	119	1058482	5.56	ug/L	92
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	1159322	5.50	ug/L	96
63)	SEC-BUTYLBENZENE	26.17	105	1464898	5.73	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.42	119	1175824	5.84	ug/L	96
65)	1,3-DICHLOROBENZENE	26.78	146	626309	5.03	ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	627437	4.93	ug/L	97
67)	N-BUTYLBENZENE	27.31	91	1176593	5.65	ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	532724	5.01	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	28627	4.88	ug/L	95
70)	1,2,4-TRICHLOROBENZENE	31.94	180	342562	5.09	ug/L	98
71)	HEXACHLOROBUTADIENE	32.25	225	184207	6.08	ug/L	97
72)	NAPHTHALENE	32.77	128	431519	5.10	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.49	180	285455	5.20	ug/L	96
74)	NITROBENZENE	29.86	77	146055	98.62	ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar10\0310R5.D Vial: 6
Acq On : 10 Mar 2002 1:08 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 13:46 2002 Quant Results File: HP022702.RES

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



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar10\0310B2.D Vial: 1
Acq On : 10 Mar 2002 2:16 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 14:55 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	8527	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.76	117	7346	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.92	152	4301	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	6408	11.62	ug/L	-0.07
Spiked Amount 5.000			Recovery = 232.40%			
3) 4-BROMOFLUOROBENZENE	24.35	174	845	1.22	ug/L	-0.07
Spiked Amount 5.000			Recovery = 24.40%			
25) TOLUENE-D8	18.46	98	8119	4.58	ug/L	-0.07
Spiked Amount 5.000			Recovery = 91.60%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	8625	197.69	ug/L	52
21) CHLOROFORM	12.80	83	26639	40.79	ug/L	92

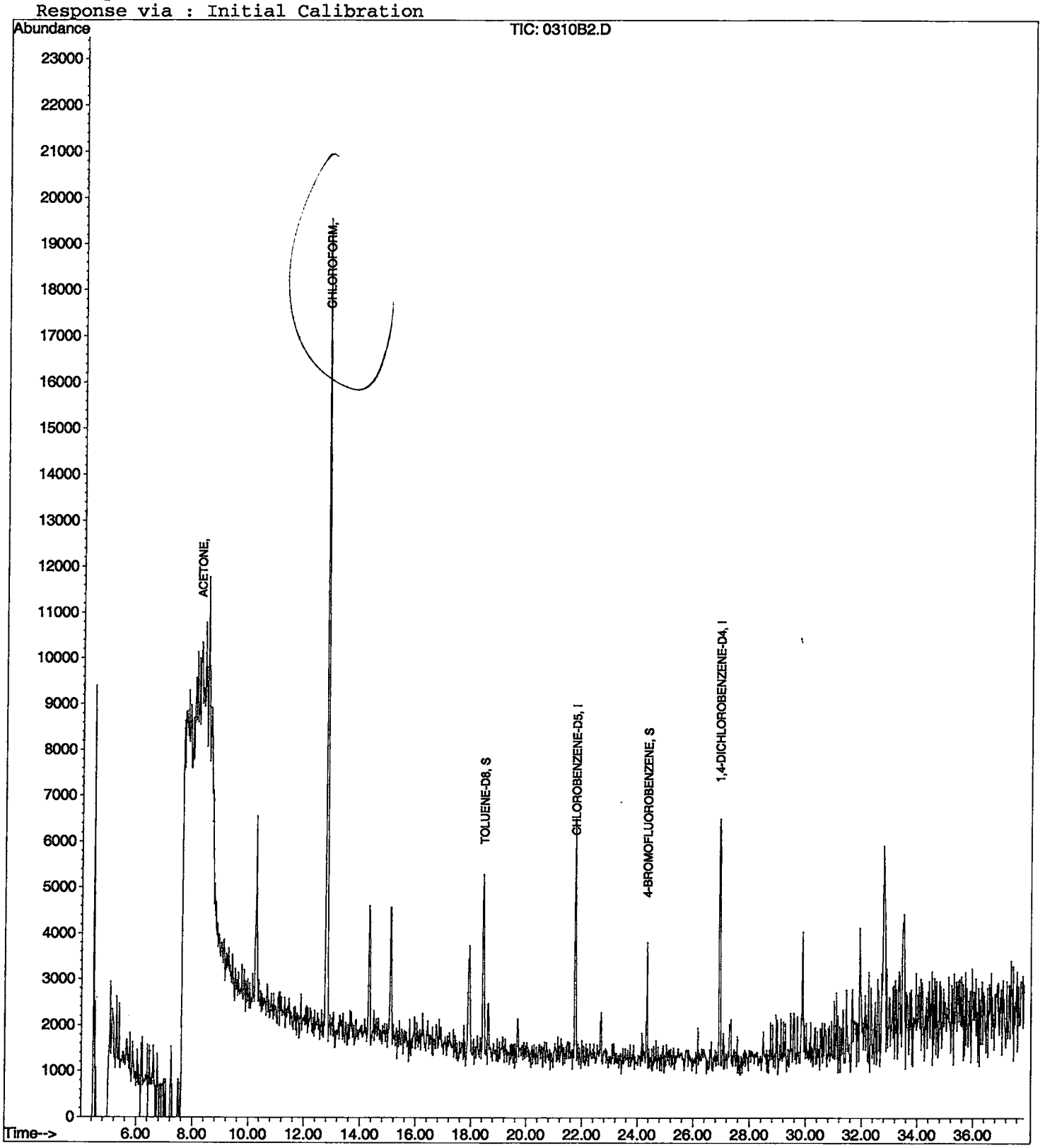
no IS/SURR added

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar10\0310B2.D Vial: 1
Acq On : 10 Mar 2002 2:16 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 10 14:55 2002 Quant Results File: HP022702.RES

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:58:04

Sample: AE05231
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:04 Ended: 03/10/02 00:04 Analyst: BH
Result source: a:\5231.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.8	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY AV
DATE 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:58:04

Sample: AE05231
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:04 Ended: 03/10/02 00:04 Analyst: BH
Result source: a:\5231.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
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 AE05231 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:29:25

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5231.D Vial: 4
Acq On : 10 Mar 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:20 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1372381	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1301582	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.93	152	602248	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	518871	5.85	ug/L	-0.07
Spiked Amount 5.000			Recovery =	117.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	467907	4.21	ug/L	-0.09
Spiked Amount 5.000			Recovery =	84.20%		
25) TOLUENE-D8	18.44	98	1660351	5.29	ug/L	-0.09
Spiked Amount 5.000			Recovery =	105.80%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	54973	7.83	ug/L	99
14) METHYLENE CHLORIDE	9.60	49	65062	0.92	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	1570	0.10	ug/L	60

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

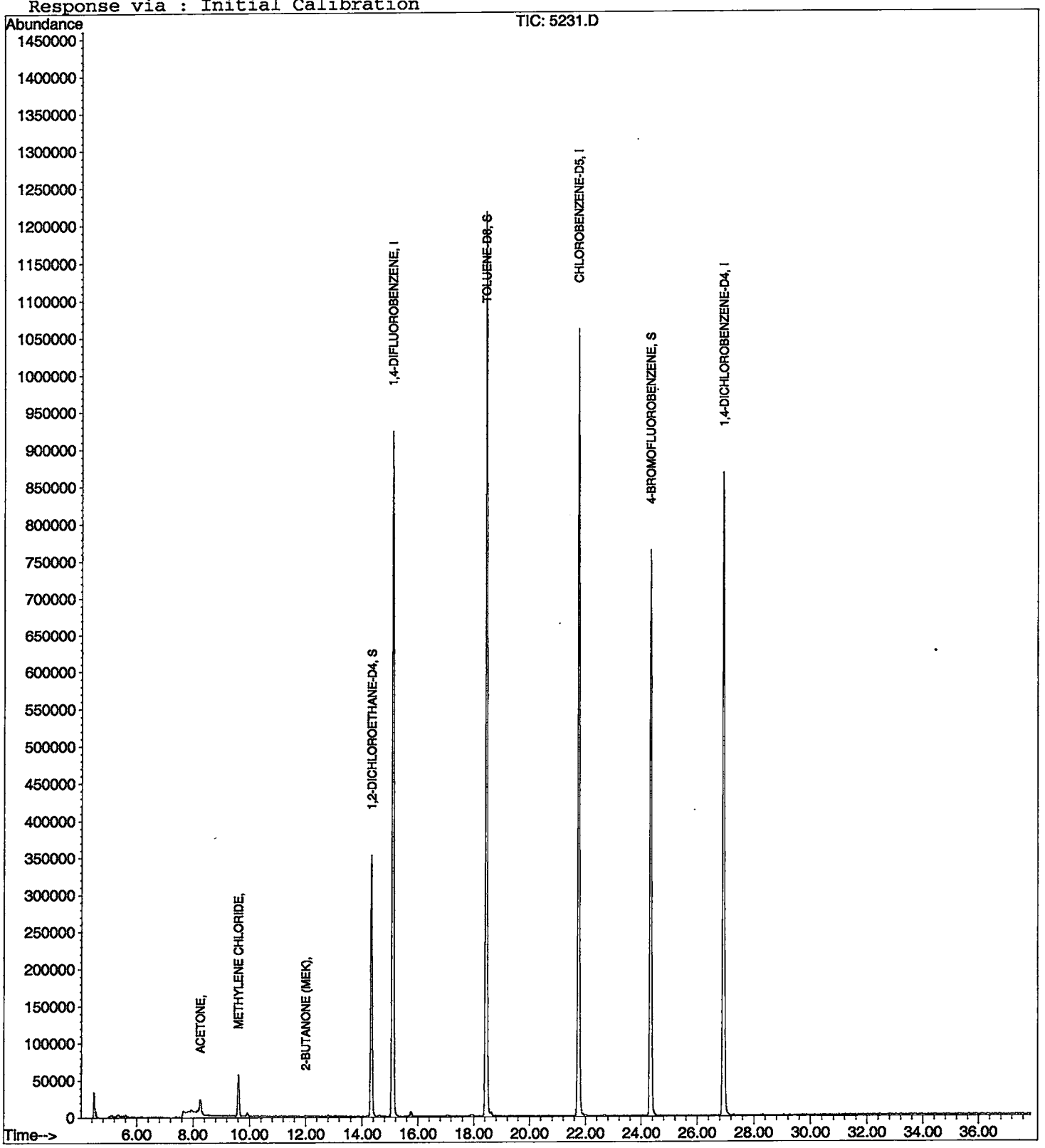
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5231.D
Acq On : 10 Mar 2002 4:56 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:20 2002

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

Quant Results File: HP022702.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5231.D Vial: 4
Acq On : 10 Mar 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

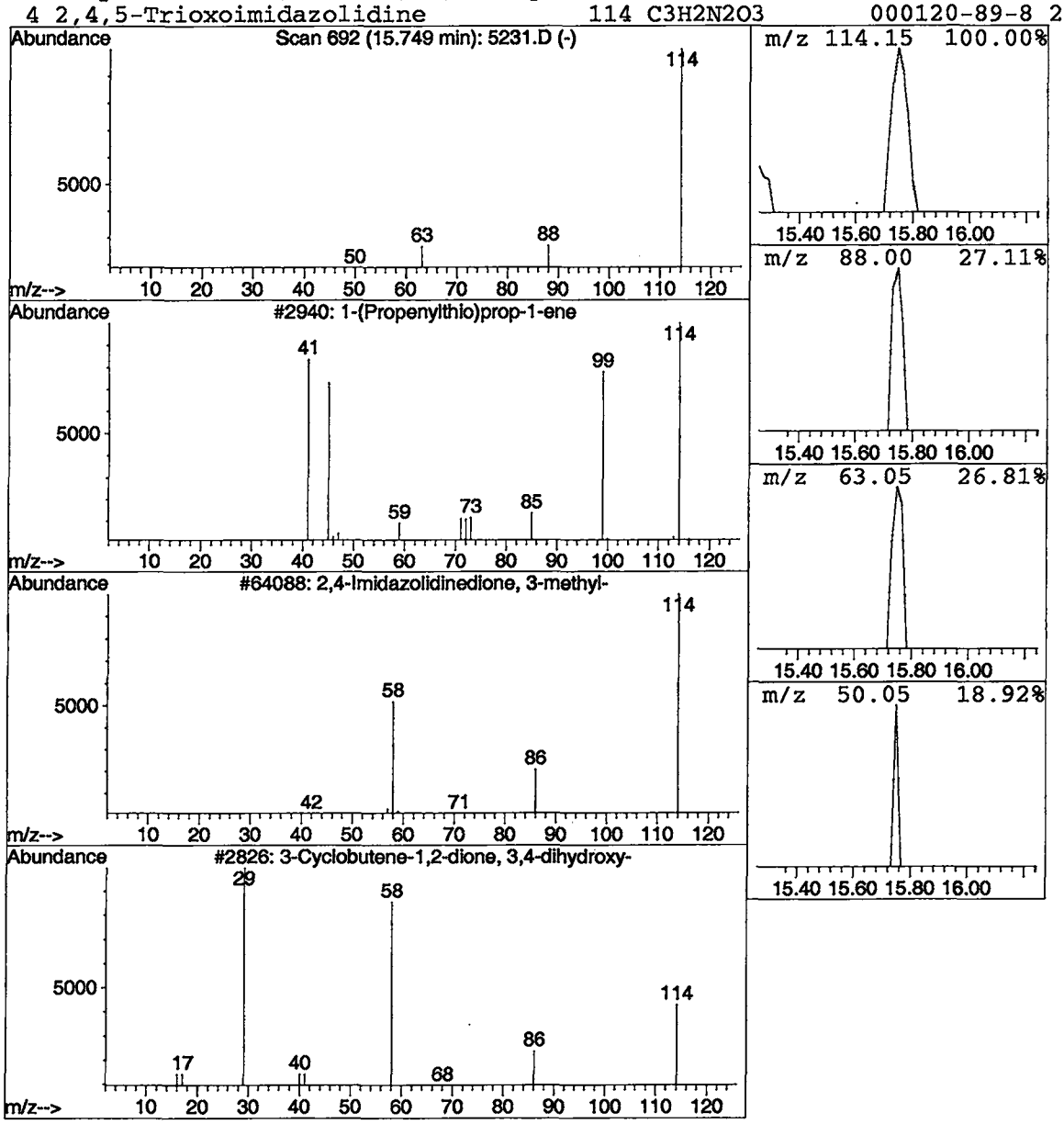
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	23068	1,4-DIFLUOROBENZENE	15.09

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:58:48

Sample: AE05231
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 03/10/02 00:04 Ended: 03/10/02 00:04 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.30
2	Surr - 4-BROMOFLUOROBENZE		0.10
3	DICHLORODIFLUOROMETHANE		< 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 (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< 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		0.10
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-BROMODICHLOROMETH		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETH		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< 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-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:58:48

Sample: AE05231
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 03/10/02 00:04 Ended: 03/10/02 00:04 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
48	1,2,3-TRICHLOROPROPANE		< MDL
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-CHLOROPROPA		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:58:36

Sample: AE05231
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\5231d.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		6.1	.5
2	Surr - 4-BROMOFLUOROBENZE		4.1	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.4	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	*THM-Bromodichloromethar		< MDL	.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:58:36

Sample: AE05231
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\5231d.rr
Page: 2

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

Comments for Sample AE05231 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:30:43

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5231D.D Vial: 12
Acq On : 10 Mar 2002 11:04 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:21 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1473159	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.73	117	1379457	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	612826	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	579140	6.08	ug/L	-0.10
Spiked Amount 5.000			Recovery = 121.60%			
3) 4-BROMOFLUOROBENZENE	24.31	174	484567	4.06	ug/L	-0.10
Spiked Amount 5.000			Recovery = 81.20%			
25) TOLUENE-D8	18.42	98	1782123	5.36	ug/L	-0.10
Spiked Amount 5.000			Recovery = 107.20%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	94922	12.59	ug/L	94
14) METHYLENE CHLORIDE	9.59	49	72945	0.96	ug/L	96

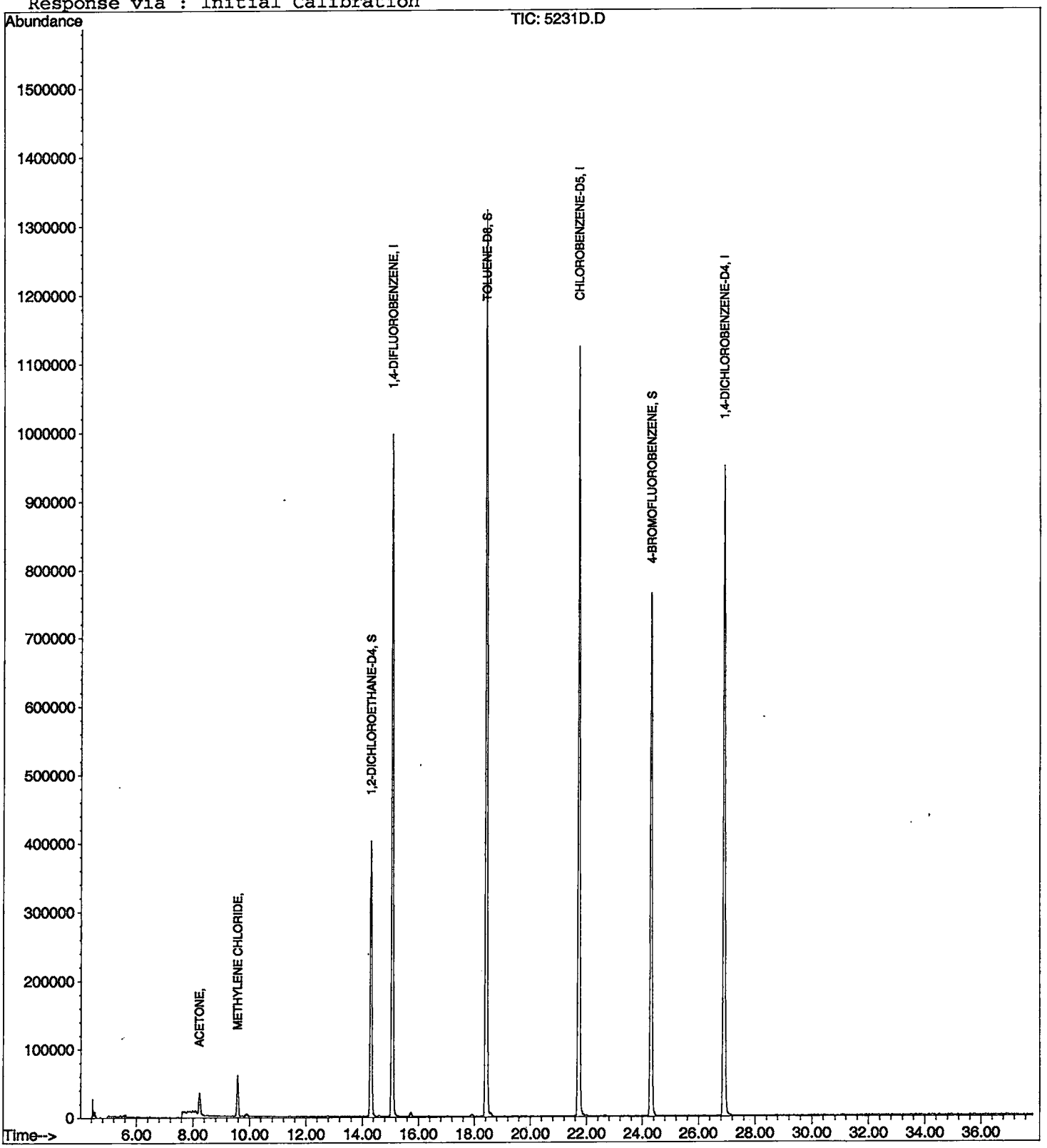
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5231D.D
Acq On : 10 Mar 2002 11:04 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:21 2002

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

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5231D.D Vial: 12
Acq On : 10 Mar 2002 11:04 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

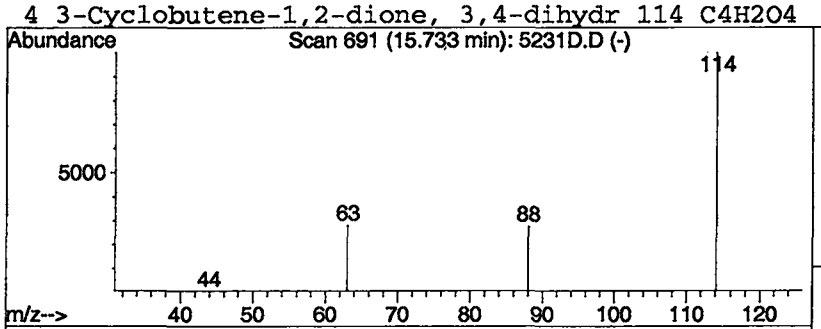
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

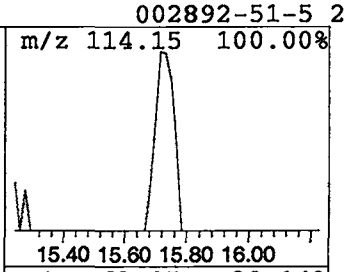
****

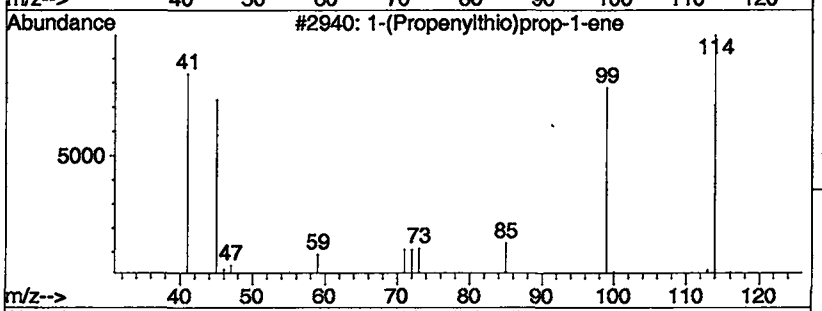
Peak Number 2 1-(Propenylthio)prop-1-ene Concentration Rank 1

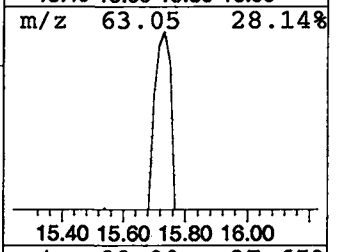
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	23084	1,4-DIFLUOROBENZENE	15.07

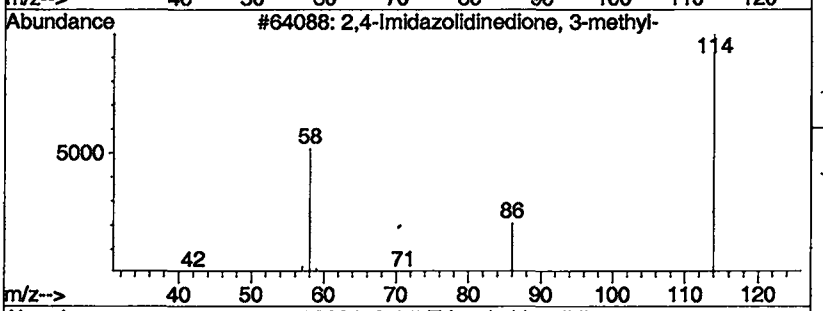
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

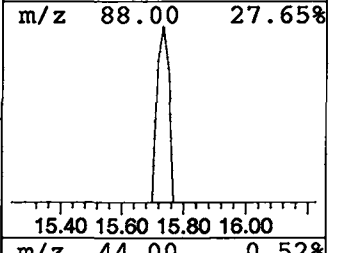


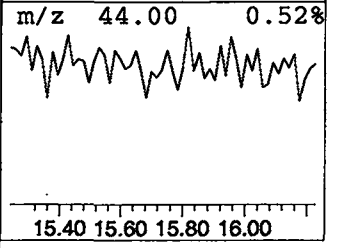


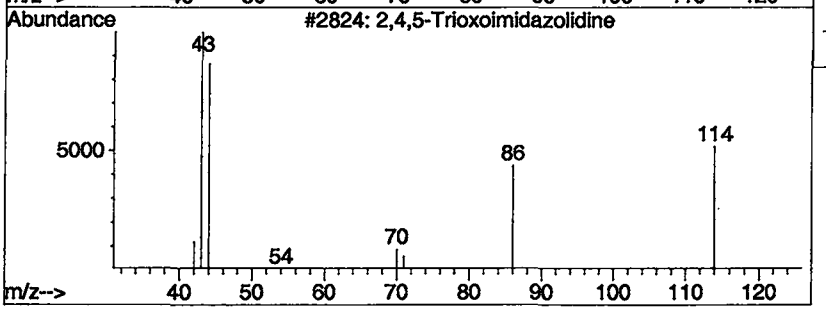








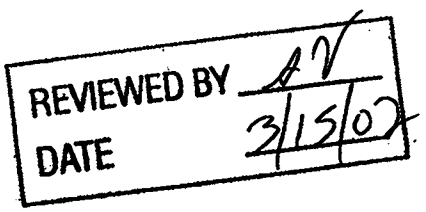




User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:00:28

Sample: AE05232
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:05 Ended: 03/10/02 00:05 Analyst: BH
Result source: a:\5232.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		6.0	0.5
2	Surr - 4-BROMOFLUOROBENZE		3.7	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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:00:28

Sample: AE05232
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:05 Ended: 03/10/02 00:05 Analyst: BH
Result source: a:\5232.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
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 AE05232 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:31:45

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5232.D Vial: 5
Acq On : 10 Mar 2002 5:46 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:22 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1210317	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1018560	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	462058	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	469794	6.00	ug/L	-0.09
Spiked Amount 5.000			Recovery	= 120.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	360203	3.68	ug/L	-0.09
Spiked Amount 5.000			Recovery	= 73.60%		
25) TOLUENE-D8	18.44	98	1301019	5.30	ug/L	-0.09
Spiked Amount 5.000			Recovery	= 106.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	50445	8.15	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	53233	0.86	ug/L	95
18) 2-BUTANONE (MEK)	11.99	43	2201	0.17	ug/L	60

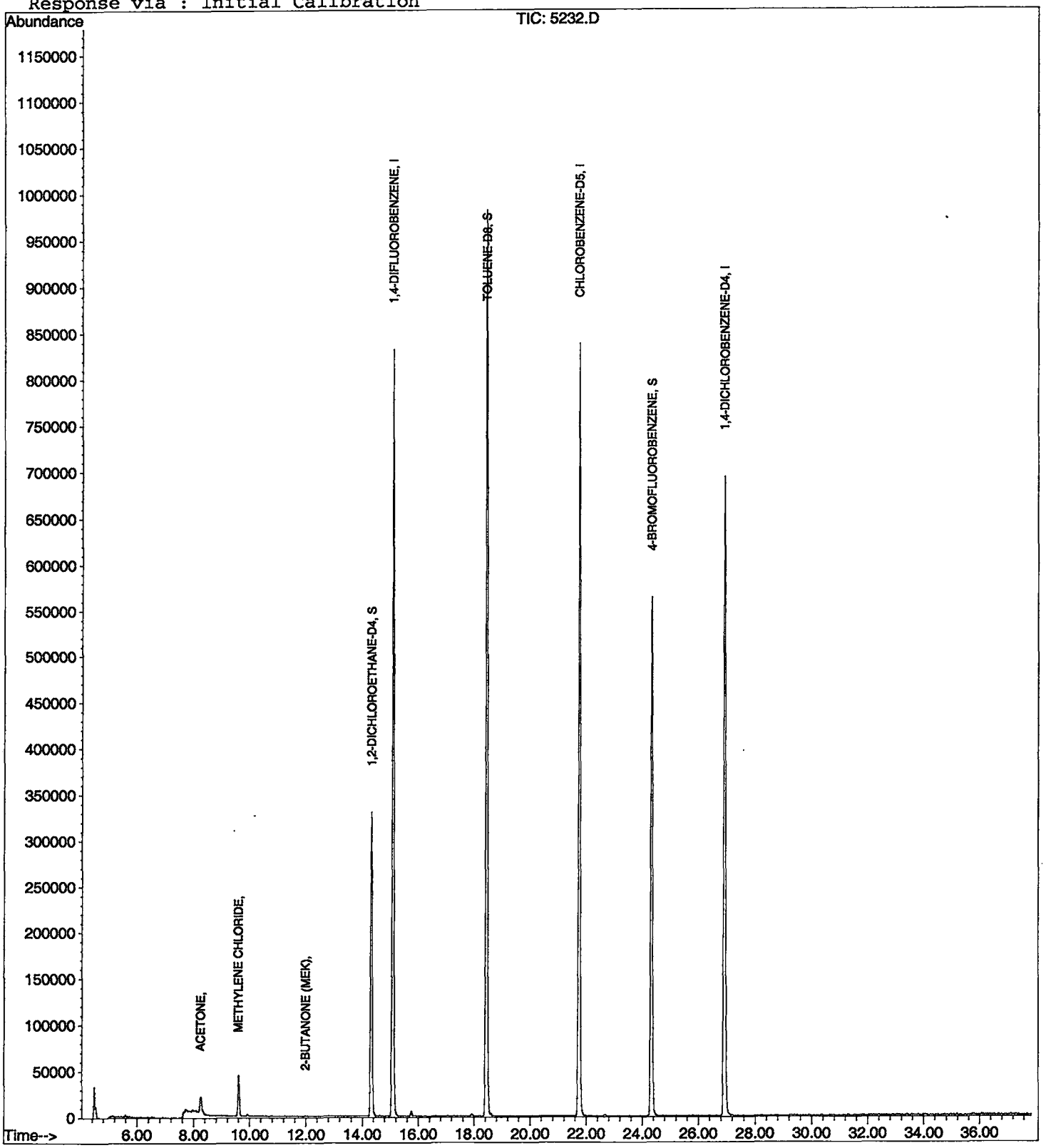
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5232.D
Acq On : 10 Mar 2002 5:46 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:22 2002

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5232.D
Acq On : 10 Mar 2002 5:46 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

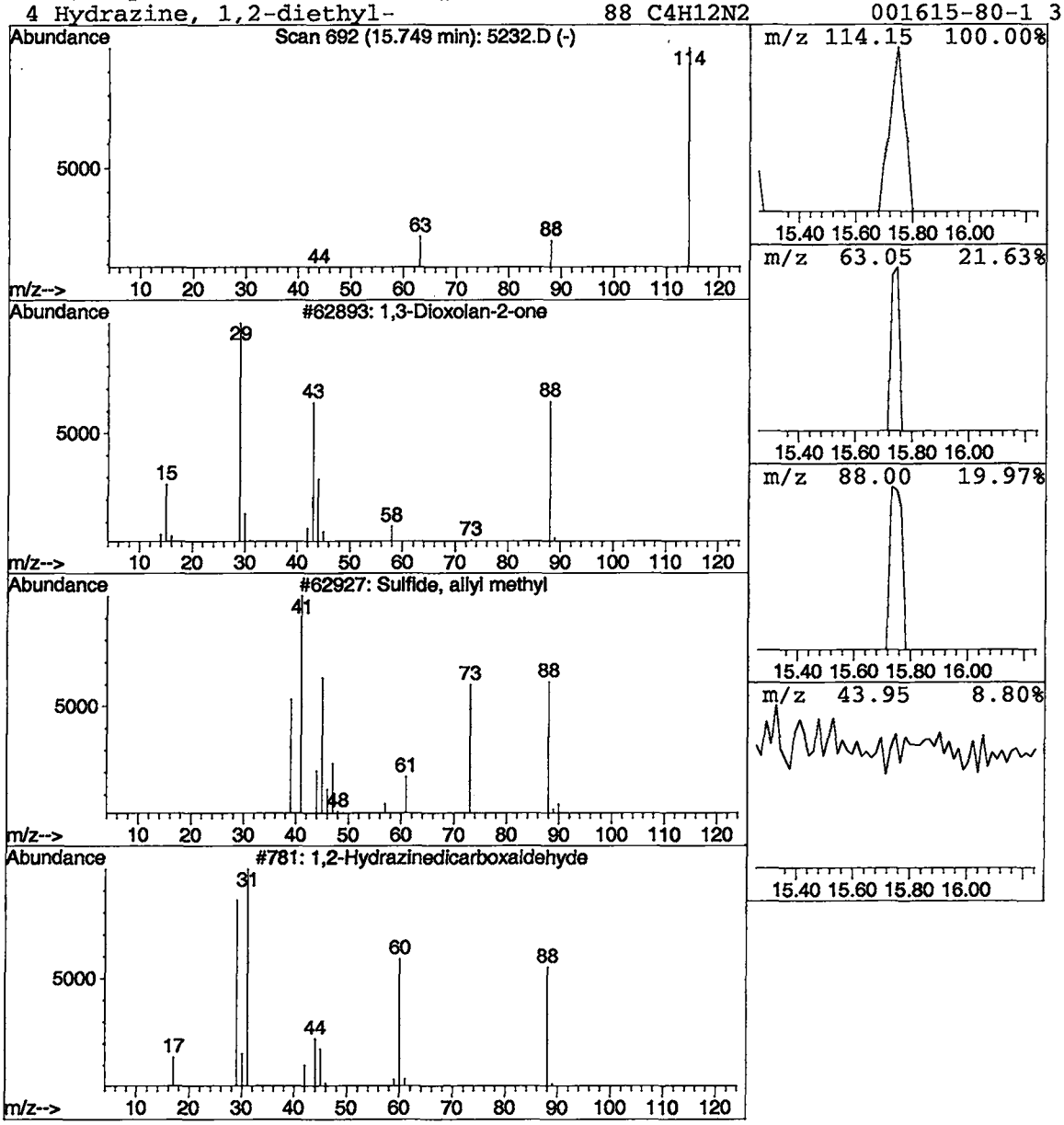
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	18481	1,4-DIFLUOROBENZENE	15.09

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:00:49

Sample: AE05233
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:06 Ended: 03/10/02 00:06 Analyst: BH
Result source: a:\5233.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		6.1	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY
DATE 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:00:49

Sample: AE05233
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:06 Ended: 03/10/02 00:06 Analyst: BH
Result source: a:\5233.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
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 AE05233 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:32:31

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5233.D Vial: 6
Acq On : 10 Mar 2002 6:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:23 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1126962	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	1063226	5.00	ug/L	-0.09
52) 1,4-DICHLOROBENZENE-D4	26.92	152	491219	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	442012	6.06	ug/L	-0.09
Spiked Amount 5.000			Recovery =	121.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	378797	4.15	ug/L	-0.09
Spiked Amount 5.000			Recovery =	83.00%		
25) TOLUENE-D8	18.44	98	1350032	5.27	ug/L	-0.09
Spiked Amount 5.000			Recovery =	105.40%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	36091	6.26	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	55928	0.97	ug/L	96
18) 2-BUTANONE (MEK)	11.99	43	2962	0.24	ug/L	60

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

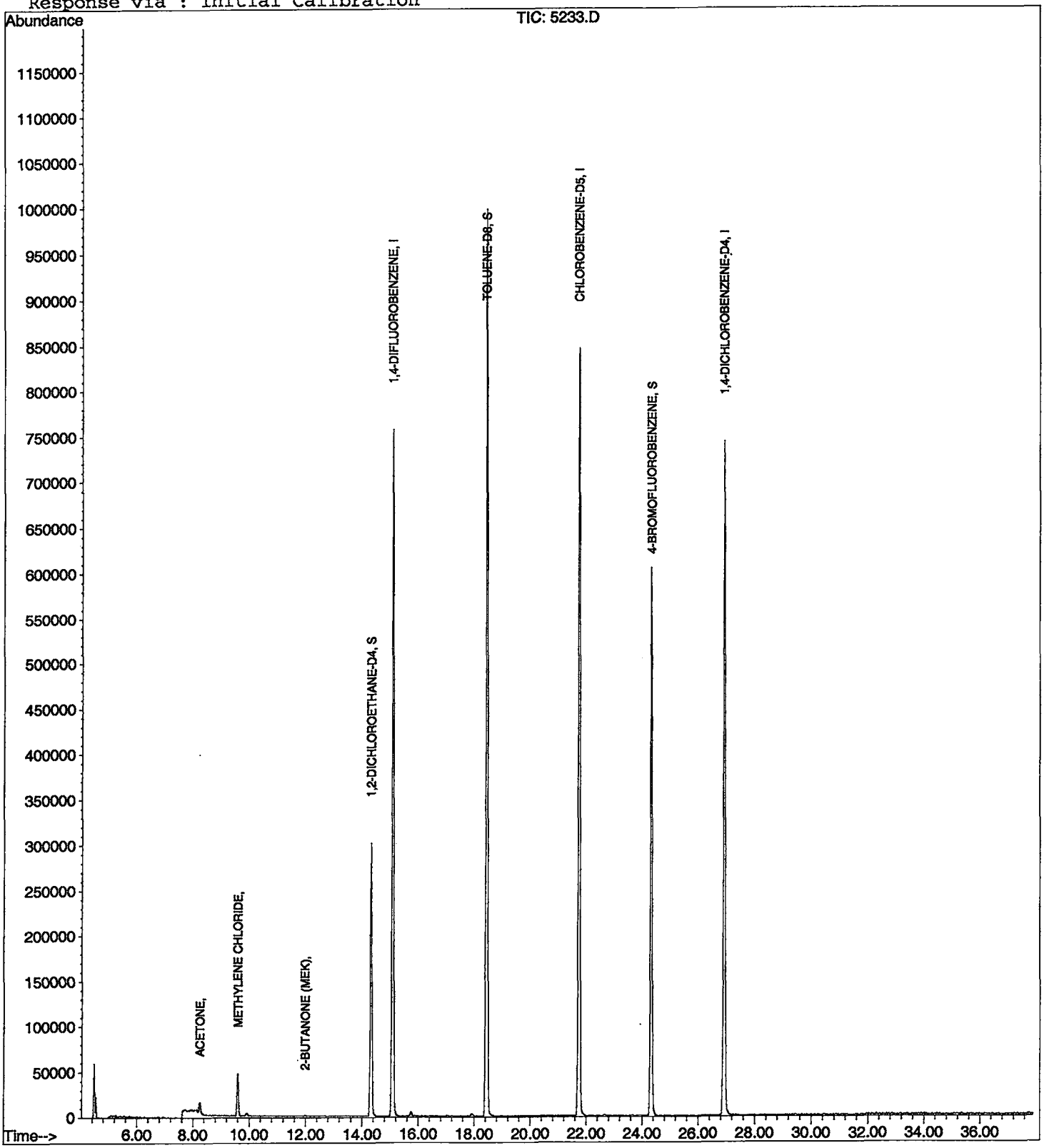
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5233.D
Acq On : 10 Mar 2002 6:31 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:23 2002

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

Quant Results File: HP022702.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5233.D Vial: 6
Acq On : 10 Mar 2002 6:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

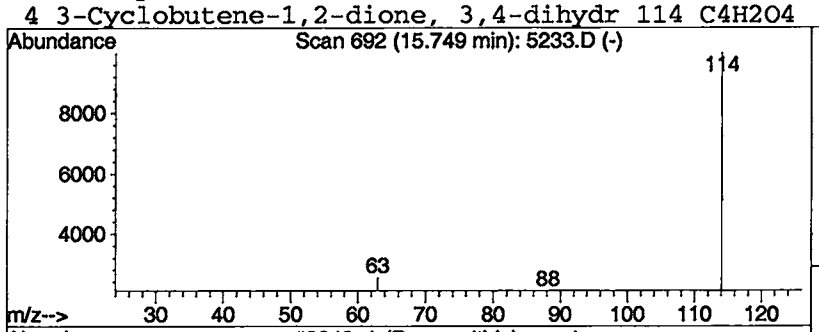
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

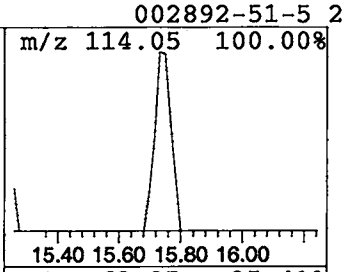
****

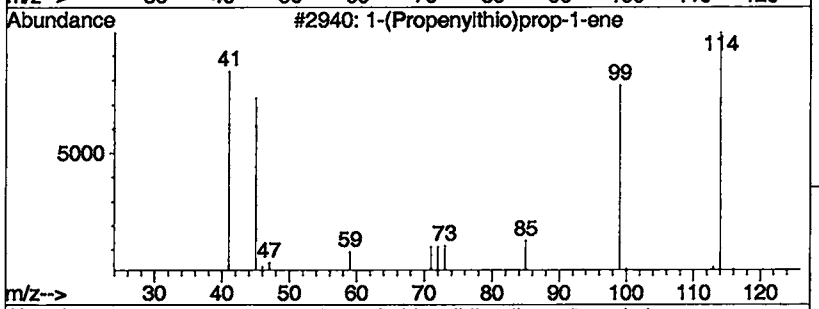
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

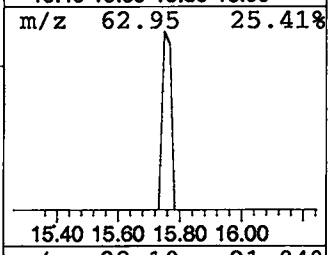
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	17115	1,4-DIFLUOROBENZENE	15.08

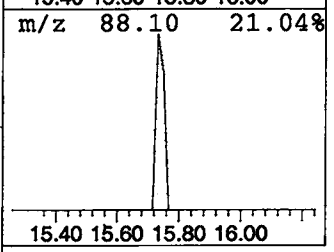
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

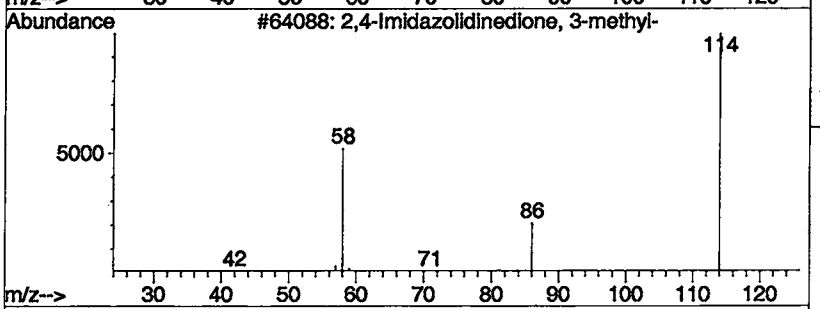


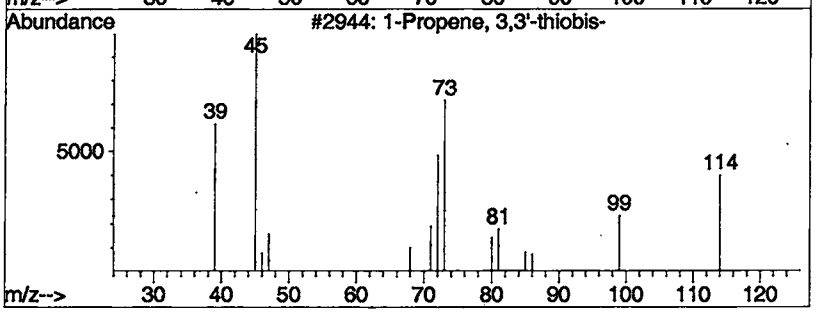








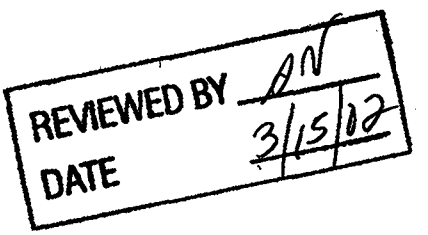




User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:01:13

Sample: AE05235
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:07 Ended: 03/10/02 00:07 Analyst: BH
Result source: a:\5235.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		6.0	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:01:13

Sample: AE05235
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:07 Ended: 03/10/02 00:07 Analyst: BH
Result source: a:\5235.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
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 AE05235 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:32:41

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5235.D Vial: 8
Acq On : 10 Mar 2002 7:16 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 14:09 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1525685	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.73	117	1437869	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	660545	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	588052	5.96	ug/L	-0.09
Spiked Amount 5.000			Recovery =	119.20%		
3) 4-BROMOFLUOROBENZENE	24.31	174	521808	4.22	ug/L	-0.10
Spiked Amount 5.000			Recovery =	84.40%		
25) TOLUENE-D8	18.44	98	1837703	5.30	ug/L	-0.09
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	43211	5.54	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	72898	0.93	ug/L	98
18) 2-BUTANONE (MEK)	12.00	43	3590	0.21	ug/L	60

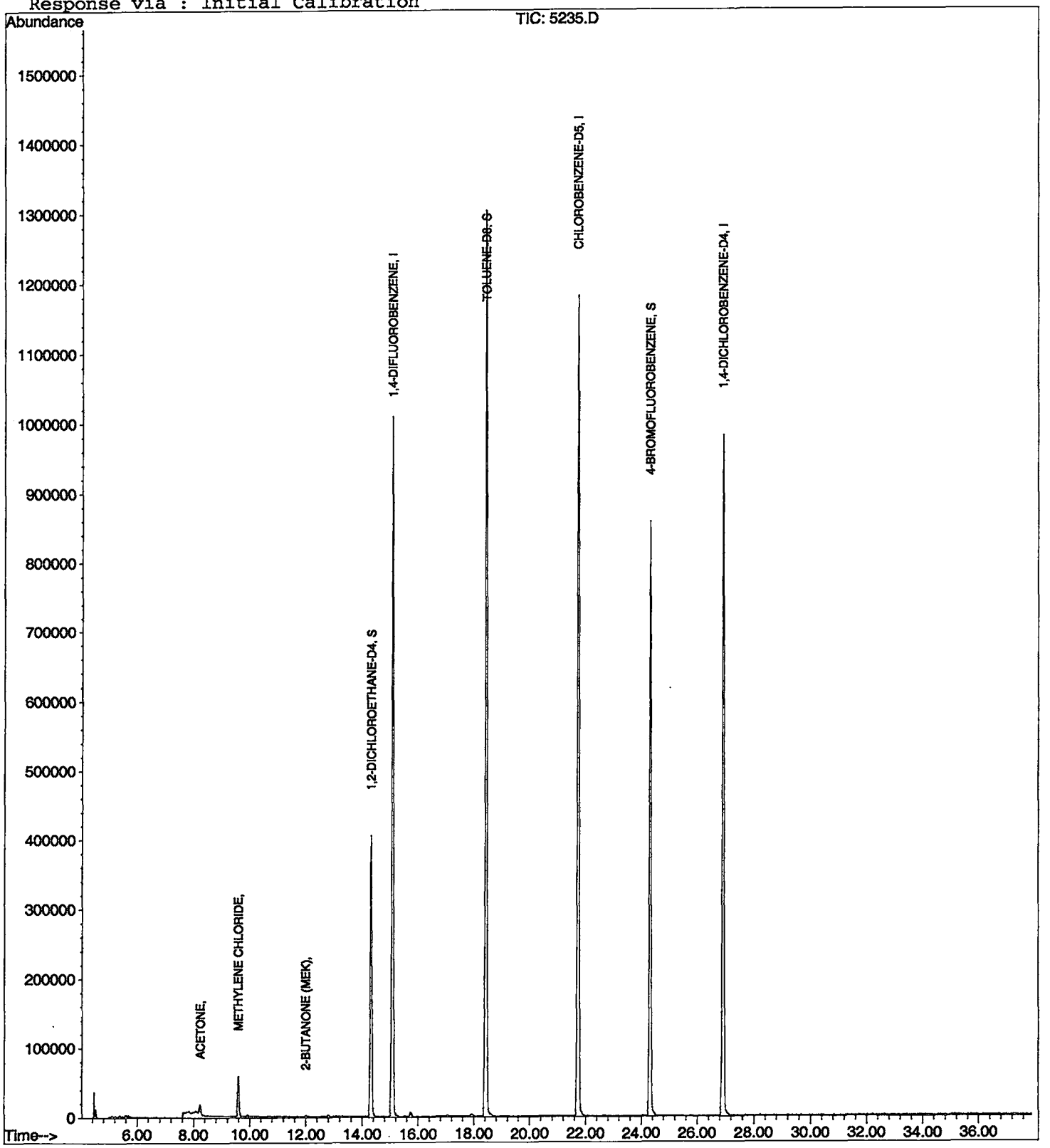
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5235.D
Acq On : 10 Mar 2002 7:16 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 14:09 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP022702.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5235.D
Acq On : 10 Mar 2002 7:16 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

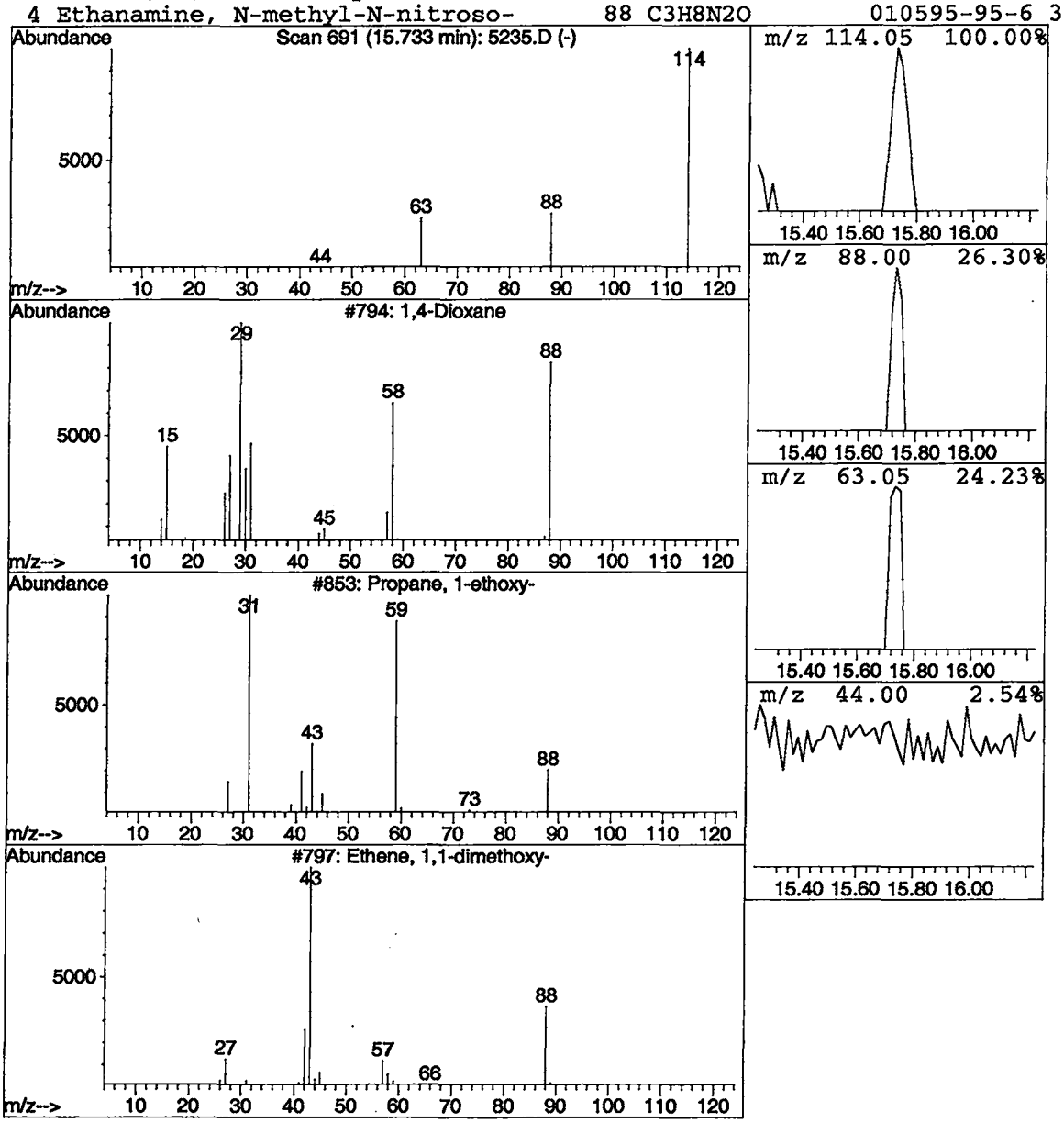
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,4-Dioxane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	24111	1,4-DIFLUOROBENZENE	15.09

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:02:48

Sample: AE05236
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:08 Ended: 03/10/02 00:08 Analyst: BH
Result source: a:\5236.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.9	0.5
2	Surr - 4-BROMOFLUOROBENZE		3.8	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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY AV
DATE 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:02:48

Sample: AE05236
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:08 Ended: 03/10/02 00:08 Analyst: BH
Result source: a:\5236.rr

	Component Name	Vial	Result	MDL
48	Bromobenzene		< MDL	0.5
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 AE05236 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:33:34

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5236.D Vial: 9
Acq On : 10 Mar 2002 8:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 14:13 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1570502	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.72	117	1335474	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	612815	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	601966	5.93	ug/L	-0.10
Spiked Amount 5.000			Recovery = 118.60%			
3) 4-BROMOFLUOROBENZENE	24.31	174	479150	3.77	ug/L	-0.10
Spiked Amount 5.000			Recovery = 75.40%			
25) TOLUENE-D8	18.42	98	1704690	5.29	ug/L	-0.10
Spiked Amount 5.000			Recovery = 105.80%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	69728	8.68	ug/L	96
14) METHYLENE CHLORIDE	9.59	49	67171	0.83	ug/L	96

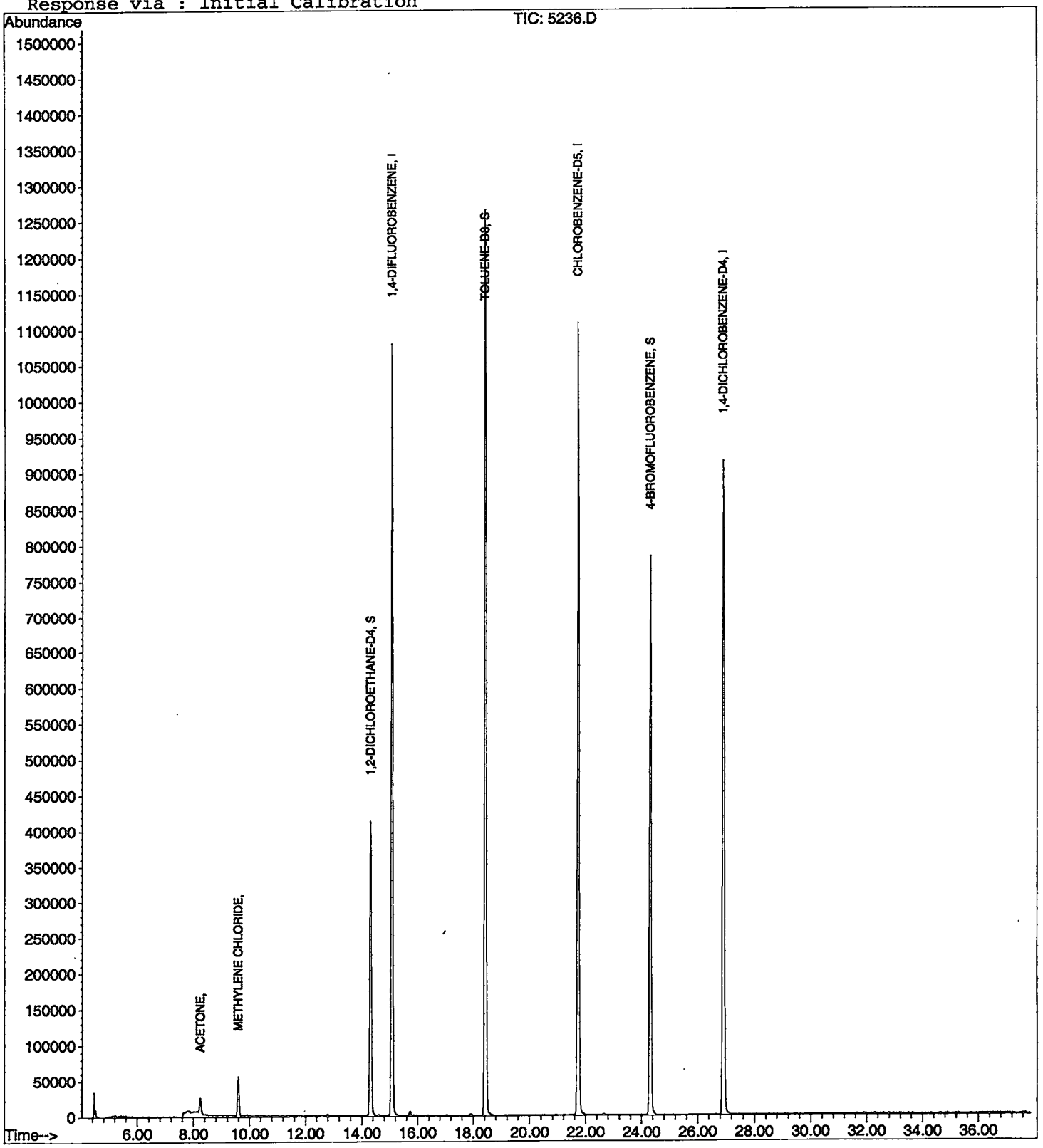
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5236.D
Acq On : 10 Mar 2002 8:05 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 14:13 2002

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

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5236.D Vial: 9
Acq On : 10 Mar 2002 8:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

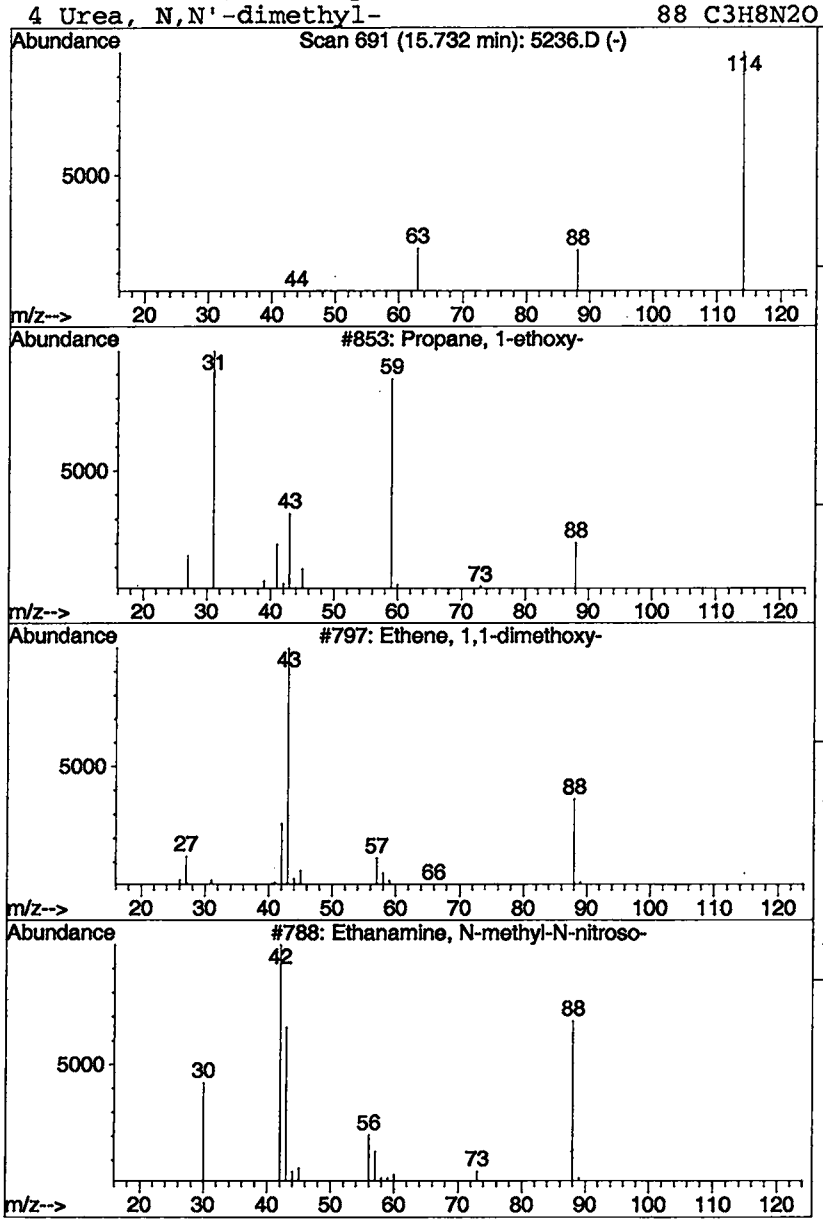
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

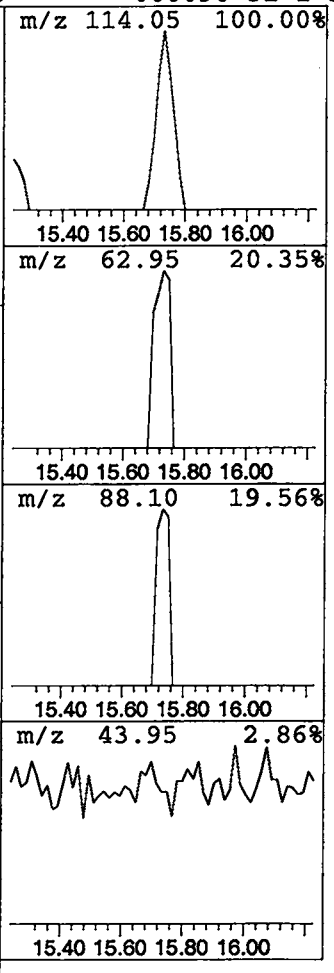
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	24675	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
2	Ethene, 1,1-dimethoxy-	88	C4H8O2	000922-69-0	3
3	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
4	Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	3





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:03:10

Sample: AE05237
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:08 Ended: 03/10/02 00:08 Analyst: BH
Result source: a:\5237.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.9	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY AV
DATE 3/15/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:03:10

Sample: AE05237
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/10/02 00:08 Ended: 03/10/02 00:08 Analyst: BH
Result source: a:\5237.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
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 AE05237 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:33:42

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5237.D Vial: 10
Acq On : 10 Mar 2002 8:49 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:43 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1434370	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.73	117	1362384	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.92	152	616454	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	547571	5.90	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 118.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	488107	4.20	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 84.00%		
25) TOLUENE-D8	18.42	98	1742596	5.30	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 106.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	45611	6.21	ug/L	88
14) METHYLENE CHLORIDE	9.59	49	68874	0.94	ug/L	98
18) 2-BUTANONE (MEK)	11.99	43	2350	0.15	ug/L	60

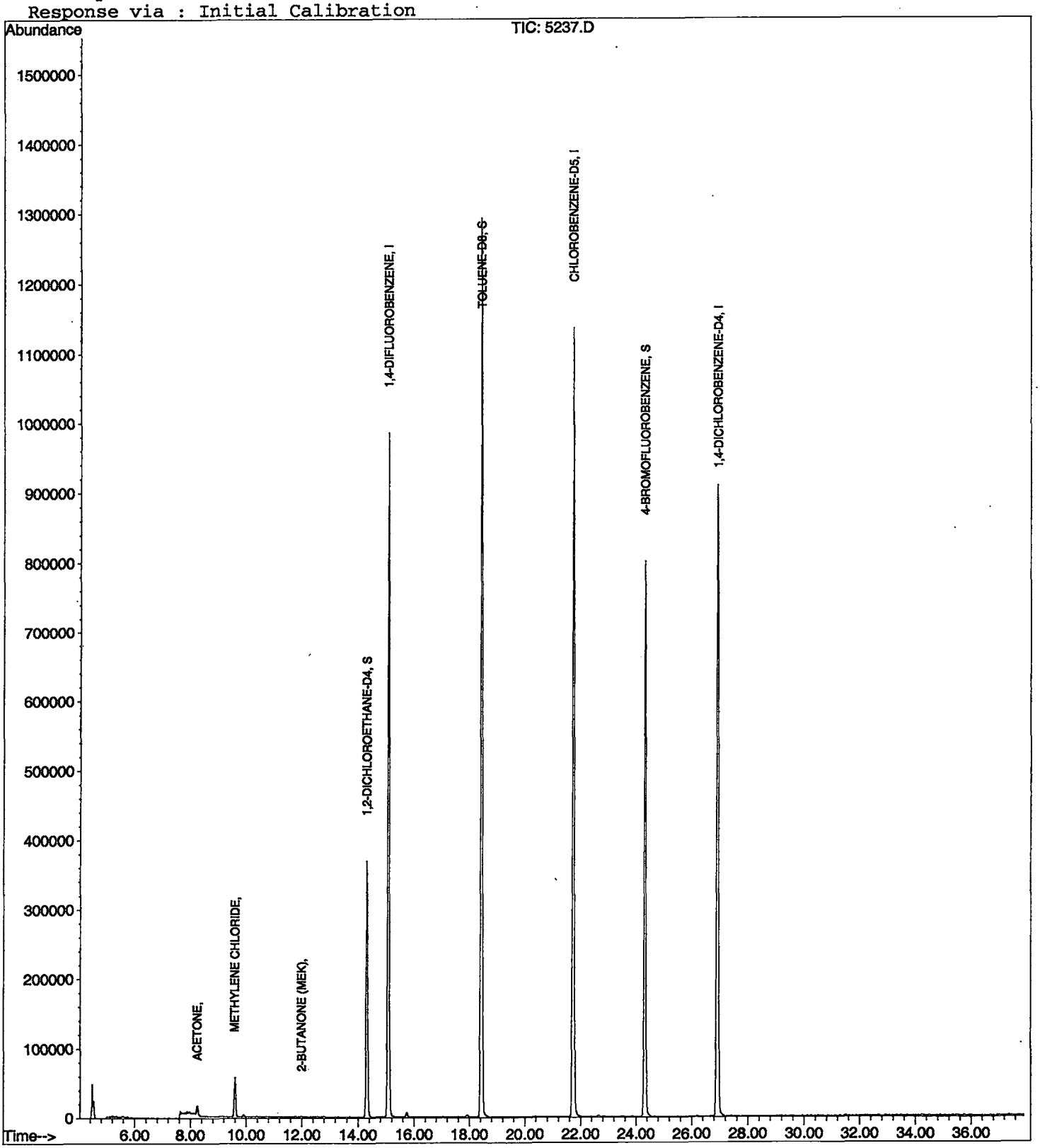
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5237.D
Acq On : 10 Mar 2002 8:49 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:43 2002

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

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5237.D Vial: 10
Acq On : 10 Mar 2002 8:49 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

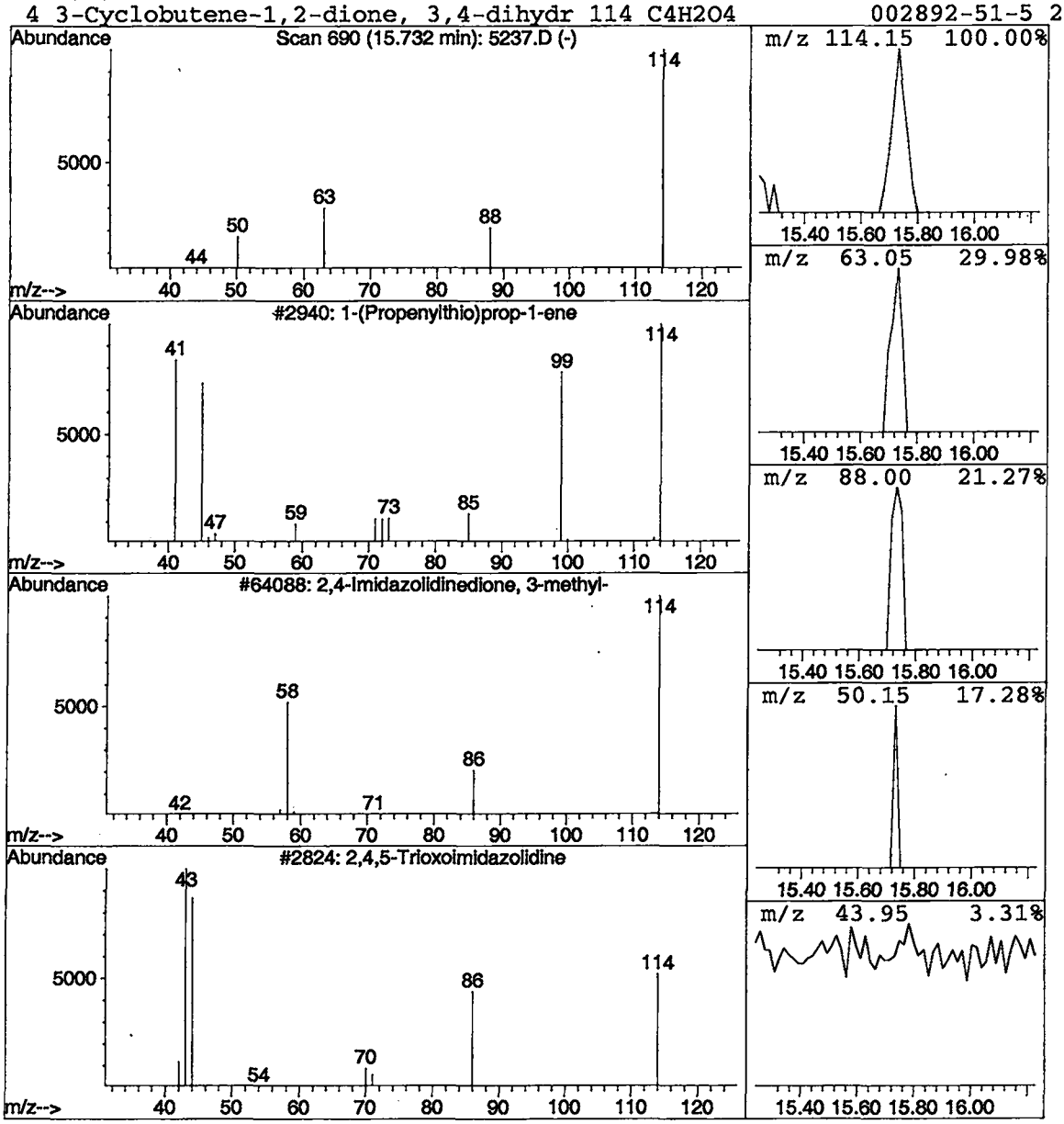
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.04 ug/L	25244	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	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:02:21

Sample: AE05233
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 03/10/02 00:09 Ended: 03/10/02 00:09 Analyst: BH
Result source: a:\5233f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.9	.5
2	Surr_4-BROMOFLUOROBENZEN		4.2	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< 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		5.2	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:02:21

Sample: AE05233
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 03/10/02 00:09 Ended: 03/10/02 00:09 Analyst: BH
Result source: a:\5233f.rr
Page: 2

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

Comments for Sample AE05233 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:34:27

The recovery of chloroethane in the QC sample was 148%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5233F.D Vial: 10
Acq On : 10 Mar 2002 9:33 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:24 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1356819	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.72	117	1317601	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	591974	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	521647	5.94	ug/L	-0.10
Spiked Amount 5.000			Recovery =	118.80%		
3) 4-BROMOFLUOROBENZENE	24.31	174	462417	4.21	ug/L	-0.10
Spiked Amount 5.000			Recovery =	84.20%		
25) TOLUENE-D8	18.42	98	1660733	5.23	ug/L	-0.10
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	316918	45.65	ug/L	97
14) METHYLENE CHLORIDE	9.59	49	69140	0.99	ug/L	99
18) 2-BUTANONE (MEK)	11.97	43	2245	0.15	ug/L	60

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

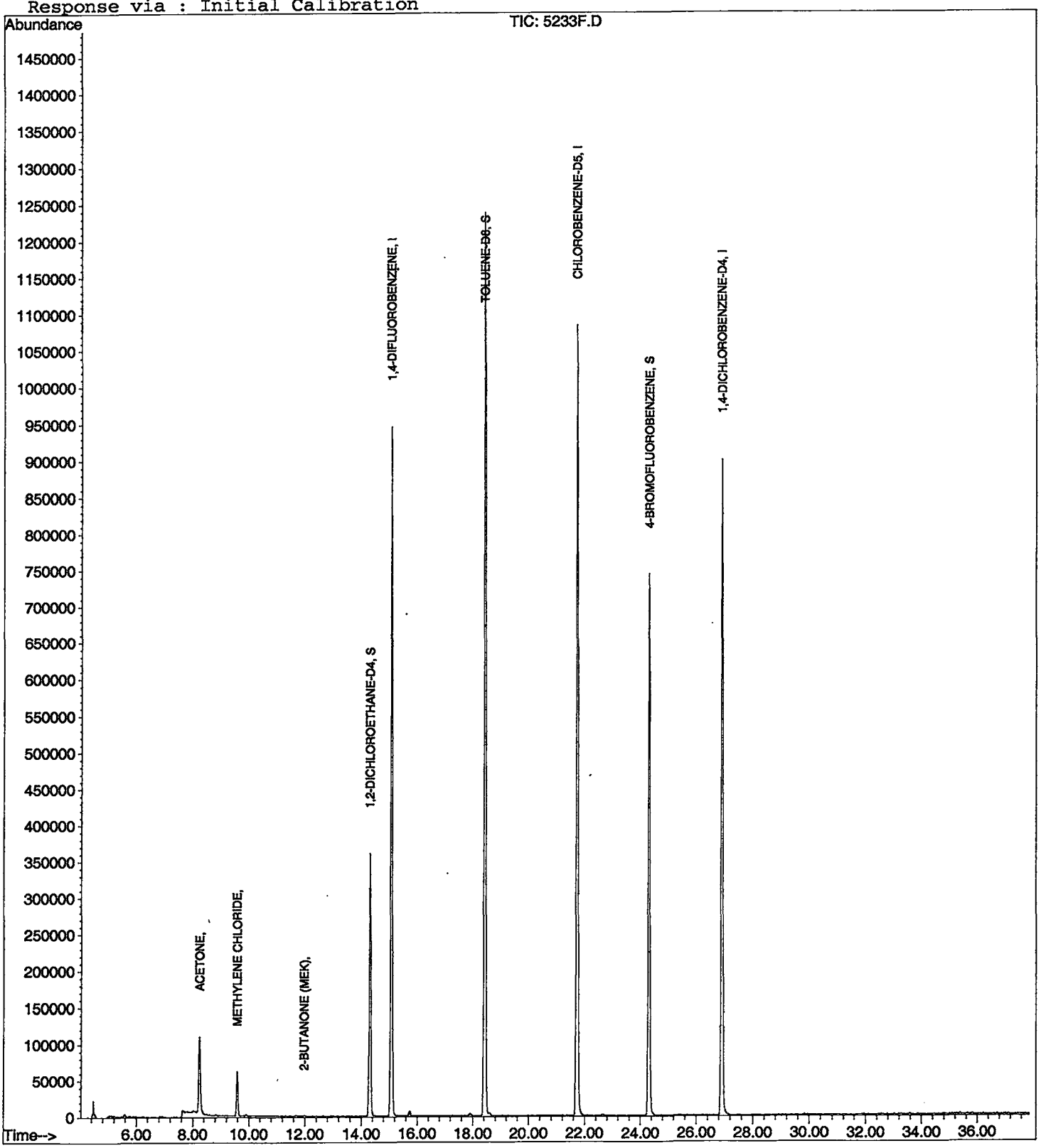
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5233F.D
Acq On : 10 Mar 2002 9:33 pm
Sample : nyc fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 11:24 2002

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

Quant Results File: HP022702.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5233F.D Vial: 10
Acq On : 10 Mar 2002 9:33 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

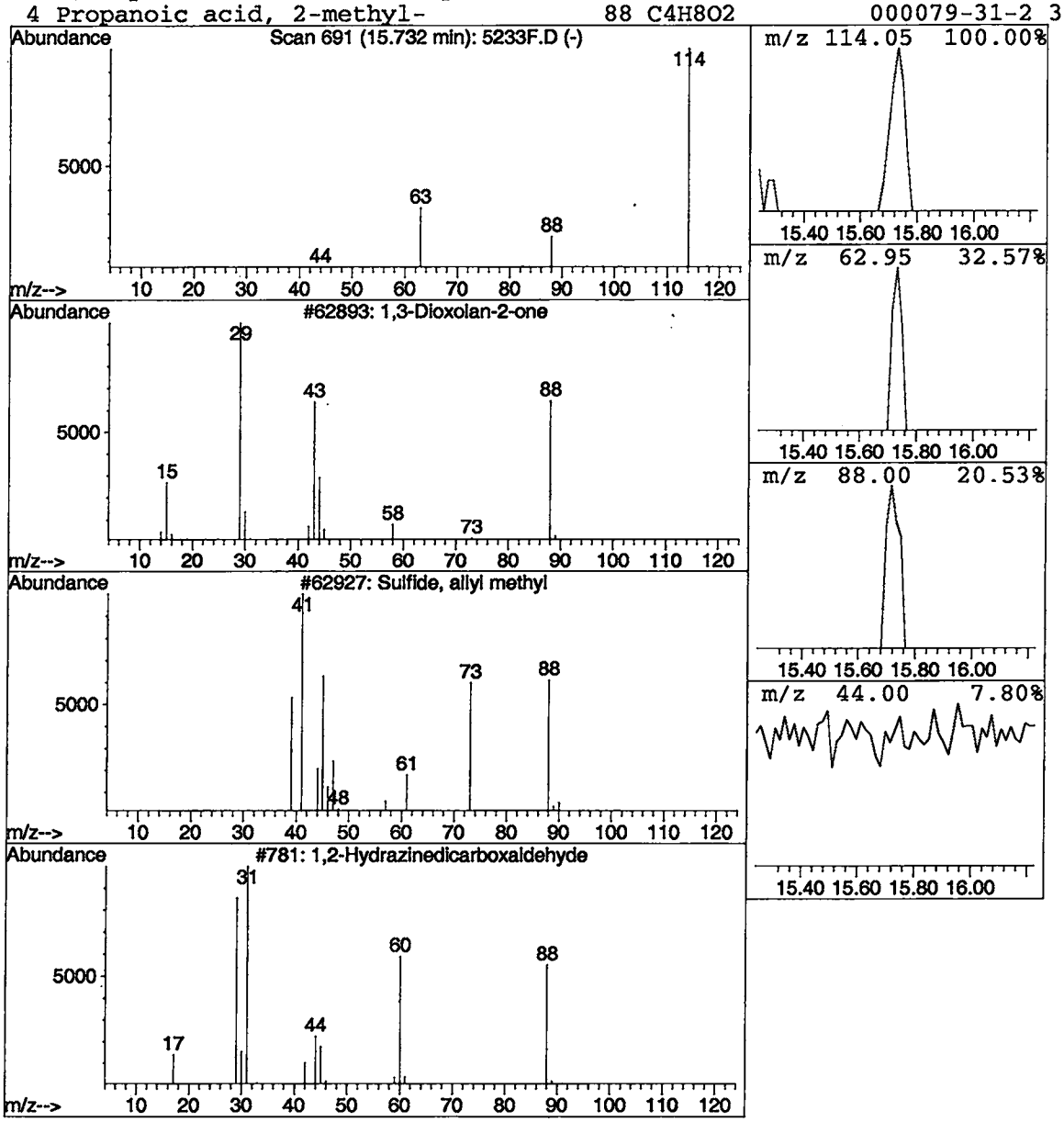
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	22731	1,4-DIFLUOROBENZENE	15.07

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:01:31

Sample: AE05235
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 03/10/02 00:00 Ended: 03/10/02 00:00 Analyst: BH
Result source: a:\5235f.rr
Page: 1

	Component Name	Vlol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		6.0	.5
2	Surr_4-BROMOFLUOROBENZEN		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 (MTB		4.3	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 09:01:31

Sample: AE05235
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 03/10/02 00:00 Ended: 03/10/02 00:00 Analyst: BH
Result source: a:\5235f.rr
Page: 2

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

Comments for Sample AE05235 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-15-2002 Time: 12:36:00

The recovery of chloroethane in the QC sample was 148%.
The MTBE present in this sample is lab contamination.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\5235F.D Vial: 11
Acq On : 10 Mar 2002 10:18 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 14:12 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1506046	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.73	117	1449522	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	683979	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	588453	6.04	ug/L	-0.10
Spiked Amount 5.000			Recovery =	120.80%		
3) 4-BROMOFLUOROBENZENE	24.31	174	531457	4.36	ug/L	-0.10
Spiked Amount 5.000			Recovery =	87.20%		
25) TOLUENE-D8	18.42	98	1835590	5.25	ug/L	-0.10
Spiked Amount 5.000			Recovery =	105.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	267073	34.66	ug/L	97
14) METHYLENE CHLORIDE	9.59	49	81559	1.06	ug/L	93
15) METHYL TERT BUTYL ETHER	9.89	73	381956	4.31	ug/L	98
18) 2-BUTANONE (MEK)	11.99	43	4672	0.28	ug/L	60

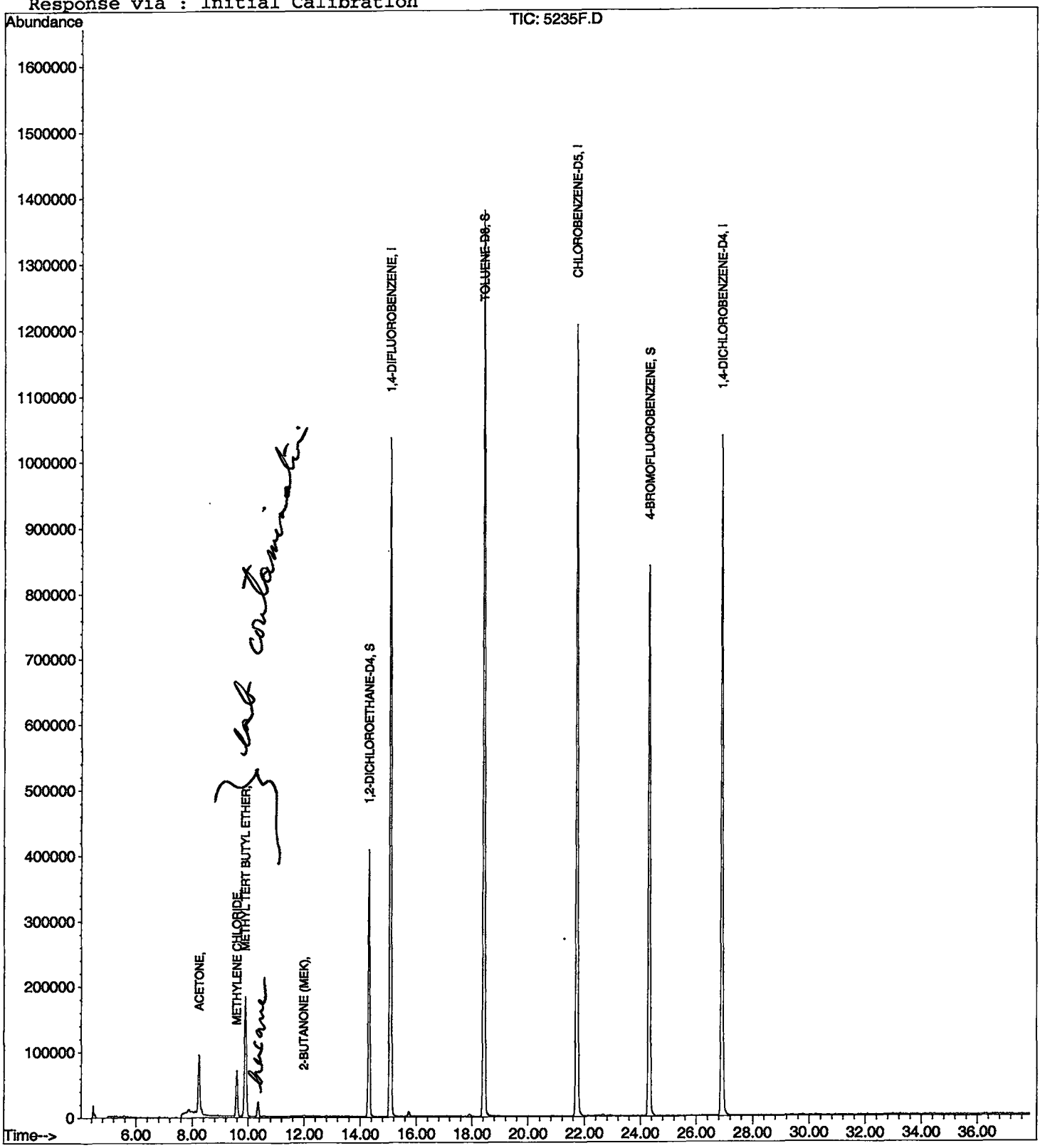
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5235F.D
Acq On : 10 Mar 2002 10:18 pm
Sample : nyc fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 11 14:12 2002

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

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5235F.D Vial: 11
Acq On : 10 Mar 2002 10:18 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

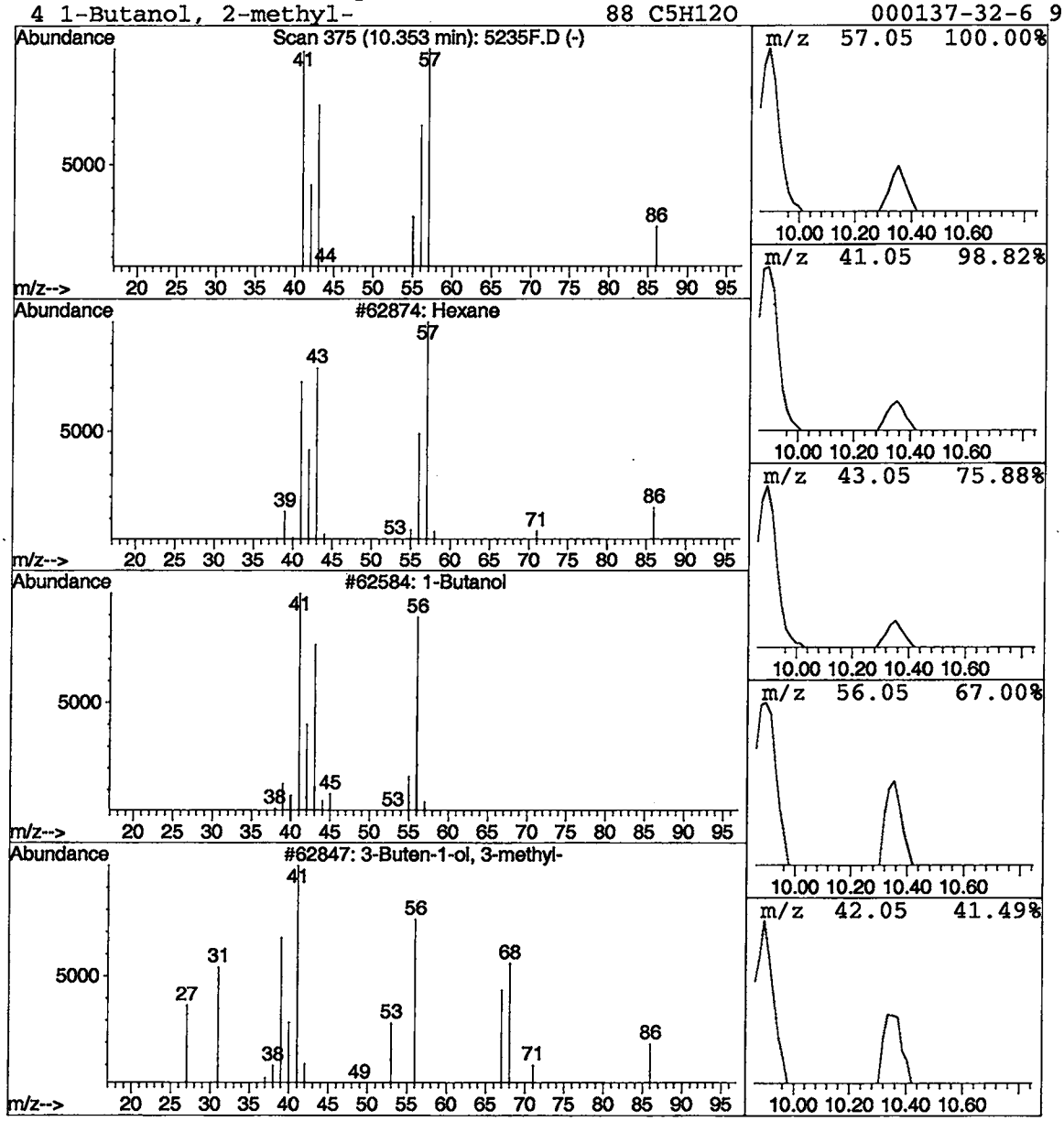
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	0.12 ug/L	93993	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	43
2	1-Butanol	74	C4H10O	000071-36-3	38
3	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	9
4	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR10\5235F.D Vial: 11
Acq On : 10 Mar 2002 10:18 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

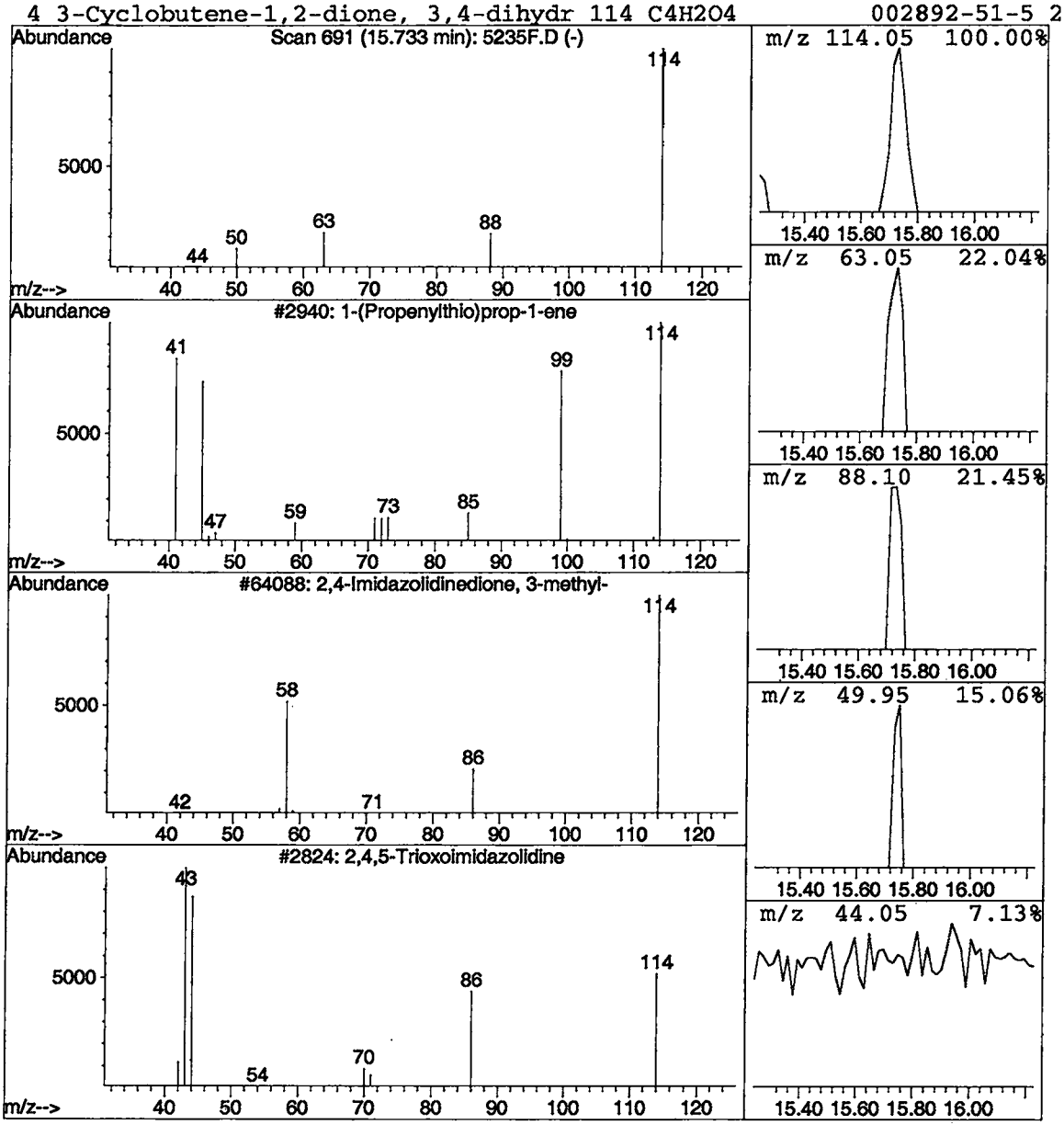
Quant Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.04 ug/L	29308	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	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:49

Sample: AE05231
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\0310c10a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.9	.5
2	Surr_4-BROMOFLUOROBENZEN		4.7	.5
3	Dichlorodifluoromethane	LSPEC	6.7	.5
4	Chloromethane		8.9	.5
5	Vinyl chloride	USPEC	14	.5
6	Bromomethane		12	.5
7	Chloroethane	USPEC	14	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene	USPEC	15	.5
10	Methylene Chloride		13	.5
11	Methyl tert-butyl ether (MTB		10	1.0
12	trans-1,2-dichloroethene		12	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		6.9	2.0
15	2,2-dichloropropane		8.9	.5
16	cis-1,2-dichloroethene		9.7	.5
17	Chloroform		10	.5
18	Bromochloromethane		8.6	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		12	.5
24	Benzene		10	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		9.2	.5
27	Dibromomethane		9.0	.5
28	Bromodichloromethane		10	.5
29	Methyl iso-butyl ketone		7.9	1.0
30	cis-1,3-dichloropropene		9.1	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		9.3	.5
33	1,1,2-trichloroethane		9.2	.5
34	Tetrachloroethene		9.7	.5
35	1,3-dichloropropane		9.2	.5
36	Dibromochloromethane		9.5	2.0
37	Chlorobenzene		9.6	.5
38	1,1,1,2-tetrachloroethane		9.8	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		19	.5
41	O-xylene		10	.5
42	Styrene		9.4	.5
43	1,1,2,2-tetrachloroethane		8.2	.5
44	Bromoform		9.7	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		9.5	.5
47	N-propylbenzene		10	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 08:59:49

Sample: AE05231
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 03/10/02 00:01 Ended: 03/10/02 00:01 Analyst: BH
Result source: a:\0310c10a.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		9.3	.5
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		9.3	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		10	.5
55	P-isopropyltoluene		9.9	.5
56	1,3-dichlorobenzene		9.1	.5
57	1,4-dichlorobenzene		9.0	.5
58	N-butylbenzene		9.6	.5
59	1,2-dichlorobenzene		9.2	.5
60	1,2,4-trichlorobenzene		9.0	.5
61	Hexachlobutadiene		10	.5
62	Naphthalene		7.7	.5
63	1,2,3-trichlorobenzene		9.0	.5
64	Nitrobenzene		160	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\0310C10A.D Vial: 2
Acq On : 10 Mar 2002 11:49 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 0:29 2002 Quant Results File: HP022702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1592860	5.00	ug/L	-0.10
24) CHLOROBENZENE-D5	21.73	117	1549976	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.90	152	794258	5.00	ug/L	-0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	607174	5.89	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 117.80%		
3) 4-BROMOFLUOROBENZENE	24.31	174	607819	4.71	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 94.20%		
25) TOLUENE-D8	18.42	98	1963239	5.25	ug/L	-0.10
Spiked Amount 5.000			Recovery	= 105.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	286431	6.71	ug/L	98
5) CHLOROMETHANE	5.47	50	419015	8.87	ug/L	98
6) VINYL CHLORIDE	5.59	62	352767	14.06	ug/L	93
7) BROMOMETHANE	6.56	94	375905	12.37	ug/L	95
8) CHLOROETHANE	6.69	64	360800	13.56	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.26	101	692946	11.86	ug/L	99
12) ACETONE	8.22	43	103986	12.76	ug/L	96
13) 1,1-DICHLOROETHENE	8.58	61	1071403	15.44	ug/L	99
14) METHYLENE CHLORIDE	9.59	49	1041775	12.74	ug/L	97
15) METHYL TERT BUTYL ETHER	9.89	73	975417	10.41	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.25	61	1120276	11.91	ug/L	99
17) 1,1-DICHLOROETHANE	11.14	63	1298732	11.18	ug/L	100
18) 2-BUTANONE (MEK)	11.97	43	120811	6.92	ug/L	93
19) 2,2-DICHLOROPROPANE	12.34	77	761938	8.90	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.45	96	691042	9.67	ug/L	98
21) CHLOROFORM	12.79	83	1226532	10.05	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	516533	8.59	ug/L	93
23) 1,2-DICHLOROETHANE	14.51	62	813846	10.56	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.67	97	942392	11.37	ug/L	97
27) 1,1-DICHLOROPROPENE	14.00	75	920859	11.34	ug/L	98
28) CARBON TETRACHLORIDE	14.25	117	819780	11.79	ug/L	97
29) BENZENE	14.59	78	2332072	10.15	ug/L	99
30) TRICHLOROETHENE	15.87	95	709952	10.50	ug/L	99
31) 1,2-DICHLOROPROPANE	16.23	63	610855	9.16	ug/L	97
32) DIBROMOMETHANE	16.91	174	315064	9.00	ug/L	99
33) BROMODICHLOROMETHANE	16.74	83	849966	10.15	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	196798	9.30	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.32	58	93563	7.87	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.84	75	831093	9.13	ug/L	100
37) TOLUENE	18.59	91	2521283	9.98	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.86	75	606126	9.31	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.26	97	397522	9.16	ug/L	97
40) TETRACHLOROETHENE	20.04	166	703546	9.70	ug/L	98
41) 1,3-DICHLOROPROPANE	19.78	76	732294	9.20	ug/L	99
42) DIBROMOCHLOROMETHANE	20.48	129	495072	9.50	ug/L	99
43) 1,2-DIBROMOETHANE	20.92	107	400909	9.07	ug/L	100
44) CHLOROBENZENE	21.81	112	1666506	9.63	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	563300	9.81	ug/L	98
46) 2-HEXANONE	19.15	43	164237	5.43	ug/L	96
47) ETHYLBENZENE	21.84	91	2954315	10.30	ug/L	99
48) P & M-XYLENE	22.00	106	2009443	19.45	ug/L	94

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR10\0310C10A.D Vial: 2
Acq On : 10 Mar 2002 11:49 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 0:29 2002 Quant Results File: HP022702.RES

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

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	22.98	91	2279697	10.03 ug/L	99
50)	STYRENE	23.04	104	1624895	9.43 ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	409408	8.18 ug/L	100
53)	BROMOFORM	23.90	173	241677	9.74 ug/L	99
54)	ISOPROPYLBENZENE	23.70	105	2628401	10.48 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.38	110	126042	9.45 ug/L	100
56)	N-PROPYLBENZENE	24.57	91	3271137	10.09 ug/L	99
57)	BROMOBENZENE	24.82	156	654132	9.30 ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	2224728	10.32 ug/L	97
59)	2-CHLOROTOLUENE	25.06	91	2264817	10.35 ug/L	99
60)	4-CHLOROTOLUENE	25.13	91	1809191	9.33 ug/L	99
61)	TERT-BUTYLBENZENE	25.67	119	2080777	10.18 ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	2295520	10.13 ug/L	96
63)	SEC-BUTYLBENZENE	26.13	105	2821961	10.27 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.41	119	2141545	9.90 ug/L	97
65)	1,3-DICHLOROBENZENE	26.76	146	1222453	9.14 ug/L	99
66)	1,4-DICHLOROBENZENE	26.97	146	1233078	9.02 ug/L	97
67)	N-BUTYLBENZENE	27.29	91	2139241	9.57 ug/L	99
68)	1,2-DICHLOROBENZENE	27.82	146	1054152	9.23 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	58254	9.25 ug/L	94
70)	1,2,4-TRICHLOROBENZENE	31.89	180	649053	8.98 ug/L	98
71)	HEXACHLOROBUTADIENE	32.21	225	328539	10.10 ug/L	98
72)	NAPHTHALENE	32.74	128	702914	7.73 ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.44	180	529727	8.98 ug/L	97
74)	NITROBENZENE	29.83	77	259921	163.41 ug/L	96

(#) = qualifier out of range (m) = manual integration
0310C10A.D HP022702.M Mon Mar 11 11:16:08 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR10\0310C10A.D Vial: 2
Acq On : 10 Mar 2002 11:49 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 11 0:29 2002 Quant Results File: HP022702.RES

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