User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:11:20

Sample: AE07631
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/4/02 00:09 Ended: 4/4/02 00:09 Analyst: BH
Result source: a:\0404b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		6.0
2	Surr - 4-BROMOFLUOROBENZ		4.5
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.82
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< 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		5.4
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

Reviewed by,
JB 6/14/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:11:20

Sample: AE07631
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/4/02 00:09 Ended: 4/4/02 00:09 Analyst: BH
Result source: a:\0404b1.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr04\0404B1.D Vial: 1
Acq On : 4 Apr 2002 9:20 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 9:58 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 08:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

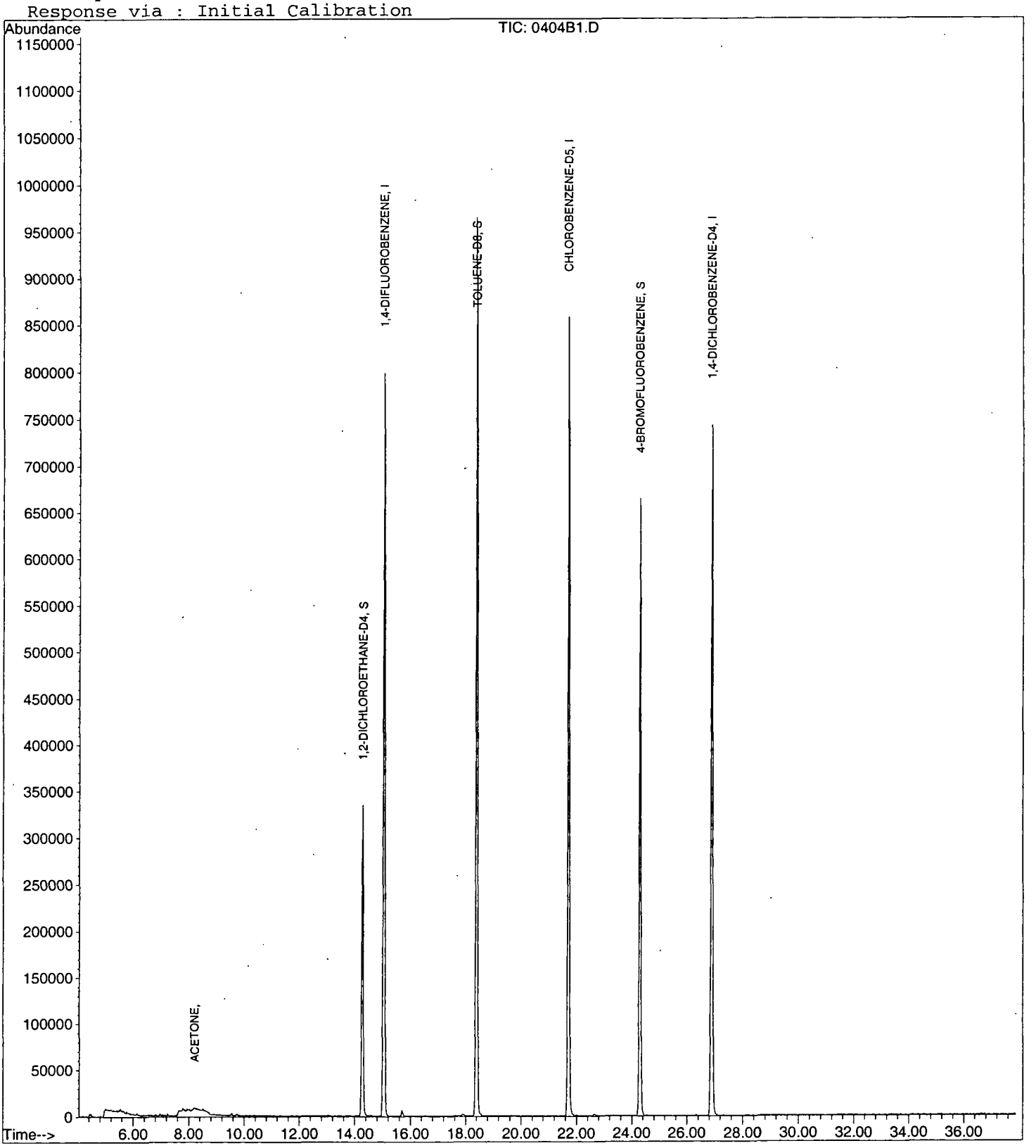
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	1069411	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.69	117	939334	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.88	152	454305	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	527572	5.99	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	119.80%	
3) 4-BROMOFLUOROBENZENE	24.28	174	386956	4.48	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	89.60%	
25) TOLUENE-D8	18.39	98	1218958	5.36	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	107.20%	
Target Compounds						Qvalue
12) ACETONE	8.21	43	5925	0.82	ug/L	53

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr04\0404B1.D Vial: 1
Acq On : 4 Apr 2002 9:20 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 9:58 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\0404B1.D Vial: 1
Acq On : 4 Apr 2002 9:20 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

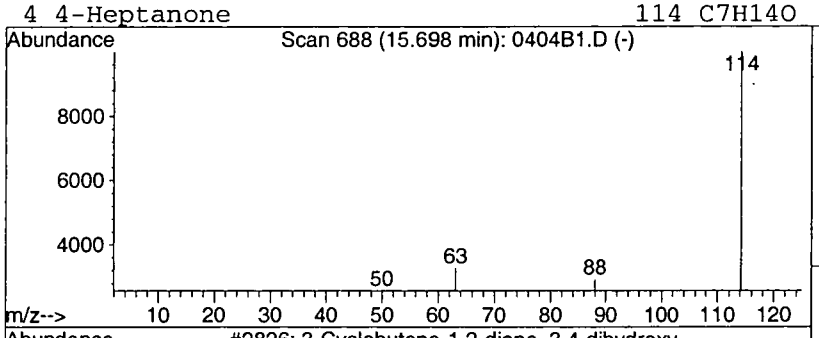
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

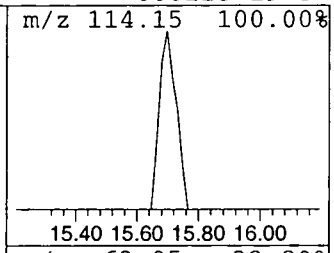
****

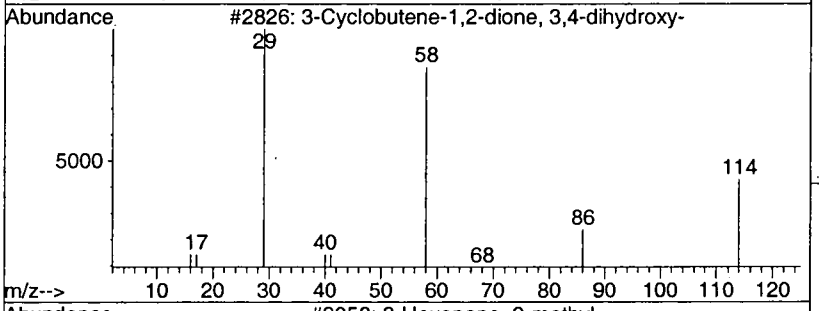
Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 2

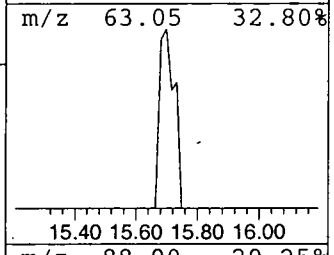
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	0.04 ug/L	20877	1,4-DIFLUOROBENZENE	15.03

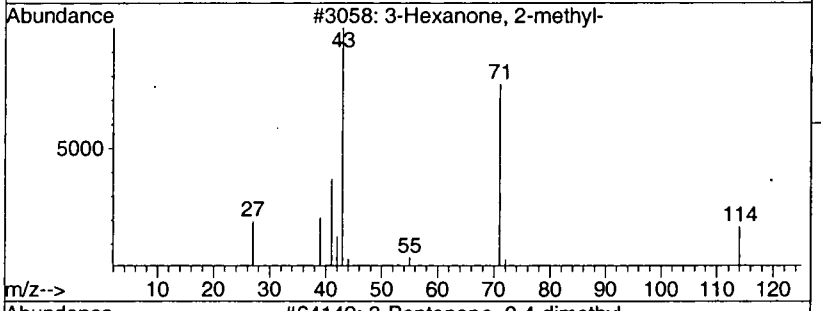
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	4-Heptanone	114	C7H14O	000123-19-3	3

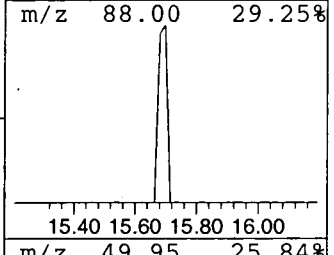


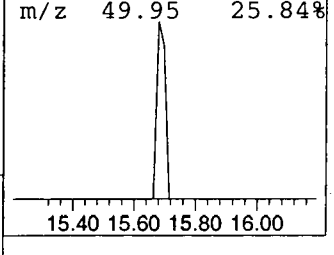


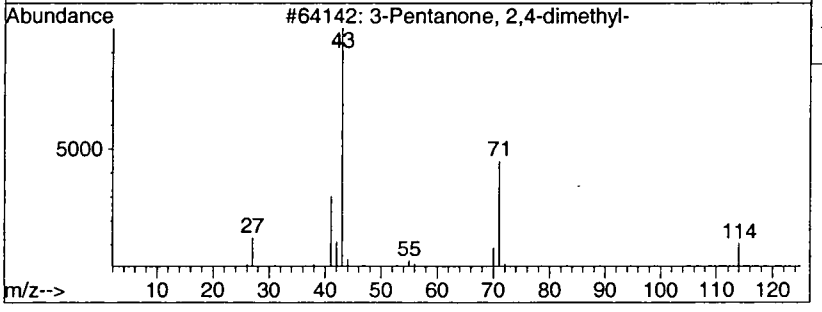












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:11:39

Sample: AE07631
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/4/02 00:00 Ended: 4/4/02 00:00 Analyst: BH
Result source: a:\0404c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.8		.5
3	Dichlorodifluoromethane		9.2		.5
4	Chloromethane		8.8		.5
5	Vinyl chloride		13		.5
6	Bromomethane		11		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		9.1		.5
10	Methylene Chloride		9.1		.5
11	Methyl tert-butyl ether		8.6		1.0
12	trans-1,2-dichloroethene		9.3		.5
13	1,1-dichloroethane		8.6		.5
14	2-butanone (MEK)		33		2.0
15	2,2-dichloropropane		9.5		.5
16	cis-1,2-dichloroethene		8.8		.5
17	Chloroform		9.6		.5
18	Bromochloromethane		8.6		.5
19	1,2-dichloroethane		9.9		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		12		.5
24	Benzene		9.2		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		9.0		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		37		1.0
30	cis-1,3-dichloropropene		9.7		.5
31	Toluene		9.4		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		9.3		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		9.5		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		9.4		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		19		.5
41	O-xylene		10		.5
42	Styrene		9.7		.5
43	1,1,2,2-tetrachloroethane		8.7		.5
44	Bromoform		12		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		12		.5
47	N-propylbenzene		9.9		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:11:39

Sample: AE07631
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/4/02 00:00 Ended: 4/4/02 00:00 Analyst: BH
Result source: a:\0404c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		9.9		.5
52	TERT-butylbenzene		10		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		9.9		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		9.9		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		9.9		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene	USPEC	14		.5
62	Naphthalene		8.8		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		200		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\0404C10.D Vial: 2
Acq On : 4 Apr 2002 10:26 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 11:11 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	1156130	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.71	117	1040880	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.88	152	538623	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	568998	5.97	ug/L	-0.02
Spiked Amount 5.000			Recovery	= 119.40%		
3) 4-BROMOFLUOROBENZENE	24.30	174	452714	4.85	ug/L	0.00
Spiked Amount 5.000			Recovery	= 97.00%		
25) TOLUENE-D8	18.41	98	1336895	5.30	ug/L	0.00
Spiked Amount 5.000			Recovery	= 106.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.82	85	350249	9.17	ug/L	96
5) CHLOROMETHANE	5.42	50	403157	8.84	ug/L	98
6) VINYL CHLORIDE	5.55	62	367164	12.57	ug/L	96
7) BROMOMETHANE	6.53	94	307218	11.19	ug/L	99
8) CHLOROETHANE	6.68	64	315784	11.14	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.23	101	671455	11.65	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	8.12	101	7804	0.31	ug/L	88
12) ACETONE	8.19	43	281350	35.97	ug/L	100
13) 1,1-DICHLOROETHENE	8.55	61	628058	9.09	ug/L	96
14) METHYLENE CHLORIDE	9.55	49	556529	9.07	ug/L	98
15) METHYL TERT BUTYL ETHER	9.86	73	535705	8.64	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.22	61	645365	9.30	ug/L	96
17) 1,1-DICHLOROETHANE	11.10	63	684559	8.61	ug/L	97
18) 2-BUTANONE (MEK)	11.94	43	277413	32.62	ug/L	98
19) 2,2-DICHLOROPROPANE	12.33	77	593787	9.49	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.41	96	412502	8.83	ug/L	96
21) CHLOROFORM	12.75	83	825786	9.60	ug/L	100
22) BROMOCHLOROMETHANE	13.13	49	306425	8.58	ug/L	95
23) 1,2-DICHLOROETHANE	14.47	62	586704	9.87	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.64	97	648717	11.03	ug/L	96
27) 1,1-DICHLOROPROPENE	13.96	75	540159	9.99	ug/L	97
28) CARBON TETRACHLORIDE	14.23	117	583104	11.52	ug/L	99
29) BENZENE	14.57	78	1244788	9.24	ug/L	99
30) TRICHLOROETHENE	15.85	95	423146	10.06	ug/L	98
31) 1,2-DICHLOROPROPANE	16.21	63	315355	8.97	ug/L	99
32) DIBROMOMETHANE	16.87	174	205165	10.29	ug/L	97
33) BROMODICHLOROMETHANE	16.72	83	572692	10.76	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.21	63	126339	9.01	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.28	58	222101	37.00	ug/L	87
36) CIS-1,3-DICHLOROPROPENE	17.81	75	494184	9.69	ug/L	98
37) TOLUENE	18.58	91	1356917	9.41	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.85	75	377003	10.02	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.24	97	221098	9.29	ug/L	96
40) TETRACHLOROETHENE	20.02	166	446240	10.45	ug/L	97
41) 1,3-DICHLOROPROPANE	19.77	76	418853	9.54	ug/L	99
42) DIBROMOCHLOROMETHANE	20.47	129	328152	10.67	ug/L	98
43) 1,2-DIBROMOETHANE	20.91	107	234806	9.67	ug/L	100
44) CHLOROBENZENE	21.79	112	914742	9.41	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	352270	10.27	ug/L	97
46) 2-HEXANONE	19.12	43	434145	39.07	ug/L	93
47) ETHYLBENZENE	21.83	91	1674430	9.98	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\0404C10.D Vial: 2
Acq On : 4 Apr 2002 10:26 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 11:11 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

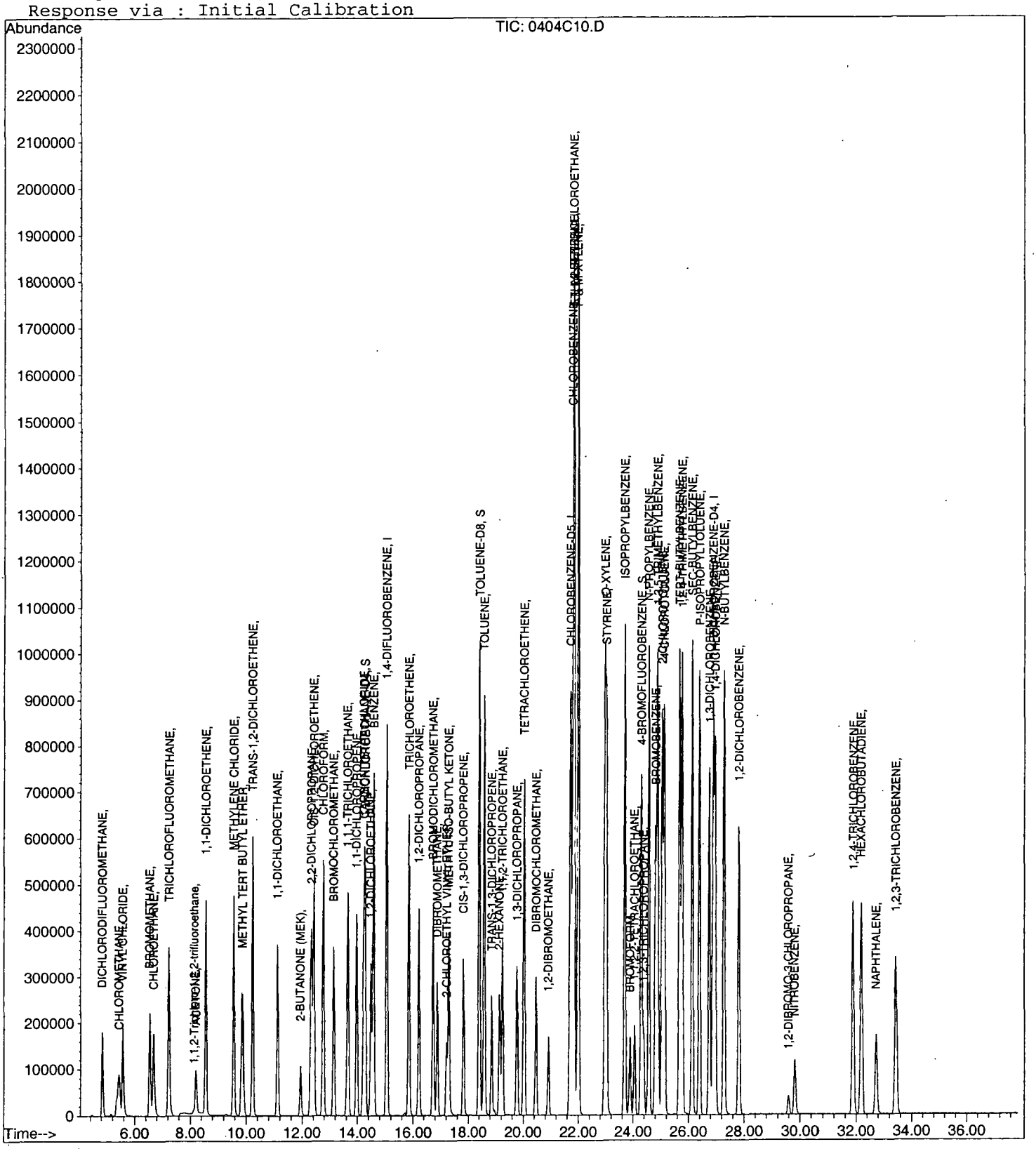
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	21.98	106	1092624	19.10 ug/L	82
49)	O-XYLENE	22.97	91	1323491	10.04 ug/L	98
50)	STYRENE	23.02	104	845100	9.67 ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.04	83	210133	8.72 ug/L	99
53)	BROMOFORM	23.89	173	172625	11.99 ug/L	99
54)	ISOPROPYLBENZENE	23.68	105	1501406	10.44 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.36	110	80842	11.61 ug/L	100
56)	N-PROPYLBENZENE	24.55	91	1857417	9.94 ug/L	97
57)	BROMOBENZENE	24.81	156	398495	10.54 ug/L	91
58)	1,3,5-TRIMETHYLBENZENE	24.87	105	1348133	10.57 ug/L	96
59)	2-CHLOROTOLUENE	25.04	91	1350533	10.51 ug/L	95
60)	4-CHLOROTOLUENE	25.11	91	1099229	9.93 ug/L	97
61)	TERT-BUTYLBENZENE	25.66	119	1189643	10.22 ug/L	90
62)	1,2,4-TRIMETHYLBENZENE	25.76	105	1404982	10.53 ug/L	94
63)	SEC-BUTYLBENZENE	26.12	105	1588666	9.94 ug/L	95
64)	P-ISOPROPYLTOLUENE	26.39	119	1273591	10.20 ug/L	95
65)	1,3-DICHLOROBENZENE	26.75	146	723109	10.02 ug/L	99
66)	1,4-DICHLOROBENZENE	26.95	146	741129	9.93 ug/L	100
67)	N-BUTYLBENZENE	27.28	91	1294716	10.20 ug/L	99
68)	1,2-DICHLOROBENZENE	27.80	146	610483	9.89 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.57	157	32993	8.80 ug/L	92
70)	1,2,4-TRICHLOROBENZENE	31.89	180	432010	11.08 ug/L	97
71)	HEXACHLOROBUTADIENE	32.18	225	274979	13.65 ug/L	91
72)	NAPHTHALENE	32.72	128	421973	8.82 ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.42	180	342898	11.25 ug/L	94
74)	NITROBENZENE	29.79	77	170578	196.44 ug/L	90

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\0404C10.D Vial: 2
Acq On : 4 Apr 2002 10:26 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 11:11 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:13:42

Sample: AE07631
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/4/02 00:02 Ended: 4/4/02 00:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.7		
2	4-BROMOFLUOROBENZENE		4.4		
3	DICHLORODIFLUOROMETHAN		5.5		.5
4	CHLOROMETHANE		5.0		.5
5	VINYL CHLORIDE		5.8		.5
6	BROMOMETHANE		5.5		.5
7	CHLOROETHANE		5.1		.5
8	TRICHLOROFLUOROMETHANE		5.6		.5
9	ACETONE		4.2		.5
10	1,1-DICHLOROETHENE		4.3		.5
11	METHYLENE CHLORIDE		4.2		.5
12	METHYL TERT BUTYL ETHER		4.0		1
13	TRANS-1,2-DICHLOROETHEN		4.2		.5
14	1,1-DICHLOROETHANE		4.1		.5
15	2-BUTANONE (MEK)		3.4		.5
16	2,2-DICHLOROPROPANE		4.6		.5
17	CIS-1,2-DICHLOROETHENE		4.2		.5
18	CHLOROFORM		4.5		.5
19	BROMOCHLOROMETHANE		4.0		.5
20	1,2-DICHLOROETHANE		4.7		.5
21	TOLUENE-D8		5.4		
22	1,1,1-TRICHLOROETHANE		5.8		.5
23	1,1-DICHLOROPROPENE		5.4		.5
24	CARBON TETRACHLORIDE		6.0		.5
25	BENZENE		5.2		.5
26	TRICHLOROETHENE		5.4		.5
27	1,2-DICHLOROPROPANE		4.9		.5
28	DIBROMOMETHANE		4.9		.5
29	BROMODICHLOROMETHANE		5.2		.5
30	2-CHLOROETHYL VINYL ETHE		3.6		.5
31	METHYL ISO-BUTYL KETONE		3.8		1
32	CIS-1,3-DICHLOROPROPENE		4.6		.5
33	TOLUENE		4.9		.5
34	TRANS-1,3-DICHLOROPROPE		5.0		.5
35	1,1,2-TRICHLOROETHANE		4.6		.5
36	TETRACHLOROETHENE		5.1		.5
37	1,3-DICHLOROPROPANE		4.5		.5
38	DIBROMOCHLOROMETHANE		4.9		2
39	1,2-DIBROMOETHANE		4.5		.5
40	CHLOROBENZENE		4.6		.5
41	1,1,1,2-TETRACHLOROETHA		5.0		.5
42	2-HEXANONE		3.5		.5
43	ETHYLBENZENE		5.1		.5
44	P & M-XYLENE		9.6		.5
45	O-XYLENE		5.0		.5
46	STYRENE		4.8		.5
47	1,1,2,2-TETRACHLOROETHA		4.2		.5
48	BROMOFORM		5.0		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:13:42

Sample: AE07631
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/4/02 00:02 Ended: 4/4/02 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		5.1		.5
50	1,2,3-TRICHLOROPROPANE		5.2		.5
51	N-PROPYLBENZENE		4.9		.5
52	BROMOBENZENE		5.0		.5
53	1,3,5-TRIMETHYLBENZENE		5.2		.5
54	2-CHLOROTOLUENE		5.1		.5
55	4-CHLOROTOLUENE		4.9		.5
56	TERT-BUTYLBENZENE		5.1		.5
57	1,2,4-TRIMETHYLBENZENE		5.1		.5
58	SEC-BUTYLBENZENE		5.0		.5
59	P-ISOPROPYLTOLUENE		5.2		.5
60	1,3-DICHLOROBENZENE		4.9		.5
61	1,4-DICHLOROBENZENE		4.8		.5
62	N-BUTYLBENZENE		5.1		.5
63	1,2-DICHLOROBENZENE		4.8		.5
64	1,2-DIBROMO-3-CHLOROPRO		3.8		.5
65	1,2,4-TRICHLOROBENZENE		4.9		.5
66	HEXACHLOROBUTADIENE		6.3		.5
67	NAPHTHALENE		4.3		.5
68	1,2,3-TRICHLOROBENZENE		5.1		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		75		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:13:54

Sample: AE07631
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/5/02 14:13 Ended: 4/5/02 14:13 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		.5
3	Dichlorodifluoromethane		110		.5
4	Chloromethane		100		.5
5	Vinyl chloride		116		.5
6	Bromomethane		110		.5
7	Chloroethane		102		.5
8	Trichlorofluoromethane		112		.5
9	1,1-Dichloroethene		86		.5
10	Methylene Chloride		84		.5
11	Methyl tert butyl ether		80		1.0
12	trans-1,2-dichloroethene		84		.5
13	1,1-dichloroethane		82		.5
14	2-butanone (MEK)		68		2.0
15	2,2-dichloropropane		92		.5
16	cis-1,2-dichloroethene		84		.5
17	Chloroform		90		.5
18	Bromochloromethane		80		.5
19	1,2-dichloroethane		94		.5
20	Surr - TOLUENE-D8		5.4		.5
21	1,1,1-trichloroethane		116		.5
22	1,1-dichloropropene		108		.5
23	Carbon tetrachloride		120		.5
24	Benzene		104		.5
25	Trichloroethene		108		.5
26	1,2-dichloropropane		98		.5
27	Dibromomethane		98		.5
28	Bromodichloromethane		104		.5
29	Methyl iso-butyl ketone		76		1.0
30	cis-1,3-dichloropropene		92		.5
31	Toluene		98		.5
32	trans-1,3-dichloropropene		100		.5
33	1,1,2-trichloroethane		92		.5
34	Tetrachloroethene		102		.5
35	1,3-dichloropropane		90		.5
36	Dibromochloromethane		98		2.0
37	Chlorobenzene		92		.5
38	1,1,1,2-tetrachloroethane		100		.5
39	Ethylbenzene		102		.5
40	P & M-xylene		96		.5
41	O-xylene		100		.5
42	Styrene		96		.5
43	1,1,2,2-tetrachloroethane		84		.5
44	Bromoform		100		2.0
45	Isopropylbenzene		102		.5
46	1,2,3-trichloropropane		104		.5
47	N-propylbenzene		98		.5
48	Bromobenzene		100		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:13:54

Sample: AE07631
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/5/02 14:13 Ended: 4/5/02 14:13 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		104		.5
50	2-chlorotoluene		102		.5
51	4-chlorotoluene		98		.5
52	TERT-butylbenzene		102		.5
53	1,2,4-trimethylbenzene		102		.5
54	SEC-butylbenzene		100		.5
55	P-isopropyltoluene		104		.5
56	1,3-dichlorobenzene		98		.5
57	1,4-dichlorobenzene		96		.5
58	N-butylbenzene		102		.5
59	1,2-dichlorobenzene		96		.5
60	1,2,4-trichlorobenzene		98		.5
61	Hexachlorobutadiene		126		.5
62	Naphthalene		86		.5
63	1,2,3-trichlorobenzene		102		.5
64	Ethanol				
65	Nitrobenzene		75		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\0404R5.D Vial: 3
Acq On : 4 Apr 2002 2:06 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 15:00 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 14:59:42 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	1484768	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.71	117	1212164	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.88	152	633346	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	694865	5.68	ug/L	-0.02
Spiked Amount 5.000			Recovery = 113.60%			
3) 4-BROMOFLUOROBENZENE	24.30	174	524678	4.37	ug/L	0.00
Spiked Amount 5.000			Recovery = 87.40%			
25) TOLUENE-D8	18.41	98	1584994	5.40	ug/L	0.00
Spiked Amount 5.000			Recovery = 108.00%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	268181	5.47	ug/L	99
5) CHLOROMETHANE	5.42	50	294103	5.02	ug/L	95
6) VINYL CHLORIDE	5.57	62	263687	7.03	ug/L	97
7) BROMOMETHANE	6.55	94	195410	5.54	ug/L	96
8) CHLOROETHANE	6.68	64	185991	5.11	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.23	101	412395	5.57	ug/L	96
12) ACETONE	8.19	43	42216	4.20	ug/L	95
13) 1,1-DICHLOROETHENE	8.55	61	384111	4.33	ug/L	95
14) METHYLENE CHLORIDE	9.55	49	332657	4.22	ug/L	96
15) METHYL TERT BUTYL ETHER	9.86	73	318648	4.00	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.22	61	374495	4.20	ug/L	97
17) 1,1-DICHLOROETHANE	11.10	63	423496	4.15	ug/L	98
18) 2-BUTANONE (MEK)	11.94	43	37331	3.42	ug/L	99
19) 2,2-DICHLOROPROPANE	12.33	77	367376	4.57	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.41	96	254561	4.24	ug/L	98
21) CHLOROFORM	12.75	83	494393	4.48	ug/L	100
22) BROMOCHLOROMETHANE	13.13	49	183725	4.01	ug/L	90
23) 1,2-DICHLOROETHANE	14.47	62	355106	4.65	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.64	97	396057	5.78	ug/L	99
27) 1,1-DICHLOROPROPENE	13.96	75	341923	5.43	ug/L	97
28) CARBON TETRACHLORIDE	14.23	117	351007	5.96	ug/L	99
29) BENZENE	14.58	78	812872	5.18	ug/L	99
30) TRICHLOROETHENE	15.85	95	263753	5.38	ug/L	99
31) 1,2-DICHLOROPROPANE	16.21	63	202511	4.95	ug/L	97
32) DIBROMOMETHANE	16.87	174	114220	4.92	ug/L	98
33) BROMODICHLOROMETHANE	16.72	83	322342	5.20	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.20	63	58649	3.59	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.28	58	26479	3.79	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.81	75	273867	4.61	ug/L	99
37) TOLUENE	18.58	91	818388	4.87	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.85	75	217196	4.96	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.24	97	127089	4.58	ug/L	98
40) TETRACHLOROETHENE	20.02	166	252754	5.08	ug/L	96
41) 1,3-DICHLOROPROPANE	19.77	76	232105	4.54	ug/L	98
42) DIBROMOCHLOROMETHANE	20.47	129	176252	4.92	ug/L	98
43) 1,2-DIBROMOETHANE	20.91	107	127095	4.49	ug/L	97
44) CHLOROBENZENE	21.79	112	523841	4.63	ug/L	93
45) 1,1,1,2-TETRACHLOROETHANE	21.84	131	199957	5.00	ug/L	96
46) 2-HEXANONE	19.14	43	45544	3.52	ug/L	97
47) ETHYLBENZENE	21.83	91	992980	5.08	ug/L	97
48) P & M-XYLENE	21.98	106	641199	9.63	ug/L	88

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\0404R5.D Vial: 3
Acq On : 4 Apr 2002 2:06 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 15:00 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 14:59:42 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	22.97	91	763918	4.98 ug/L	98
50)	STYRENE	23.02	104	487569	4.79 ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.04	83	117404	4.18 ug/L	97
53)	BROMOFORM	23.89	173	85332	5.04 ug/L	98
54)	ISOPROPYLBENZENE	23.68	105	861620	5.10 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.38	110	42774	5.23 ug/L	98
56)	N-PROPYLBENZENE	24.55	91	1068309	4.86 ug/L	97
57)	BROMOBENZENE	24.81	156	223881	5.04 ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.88	105	780122	5.20 ug/L	97
59)	2-CHLOROTOLUENE	25.05	91	778340	5.15 ug/L	96
60)	4-CHLOROTOLUENE	25.11	91	636971	4.90 ug/L	95
61)	TERT-BUTYLBENZENE	25.66	119	695558	5.08 ug/L	96
62)	1,2,4-TRIMETHYLBENZENE	25.76	105	797016	5.08 ug/L	97
63)	SEC-BUTYLBENZENE	26.12	105	936362	4.98 ug/L	96
64)	P-ISOPROPYLTOLUENE	26.39	119	763103	5.20 ug/L	97
65)	1,3-DICHLOROBENZENE	26.75	146	412963	4.87 ug/L	97
66)	1,4-DICHLOROBENZENE	26.95	146	422772	4.82 ug/L	99
67)	N-BUTYLBENZENE	27.28	91	764879	5.13 ug/L	99
68)	1,2-DICHLOROBENZENE	27.80	146	349525	4.82 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.59	157	17559	3.83 ug/L	99
70)	1,2,4-TRICHLOROBENZENE	31.89	180	226774	4.95 ug/L	95
71)	HEXACHLOROBUTADIENE	32.20	225	157705	6.34 ug/L	95
72)	NAPHTHALENE	32.72	128	241949	4.30 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.42	180	184502	5.15 ug/L	97
74)	NITROBENZENE	29.81	77	76107	74.54 ug/L	88

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

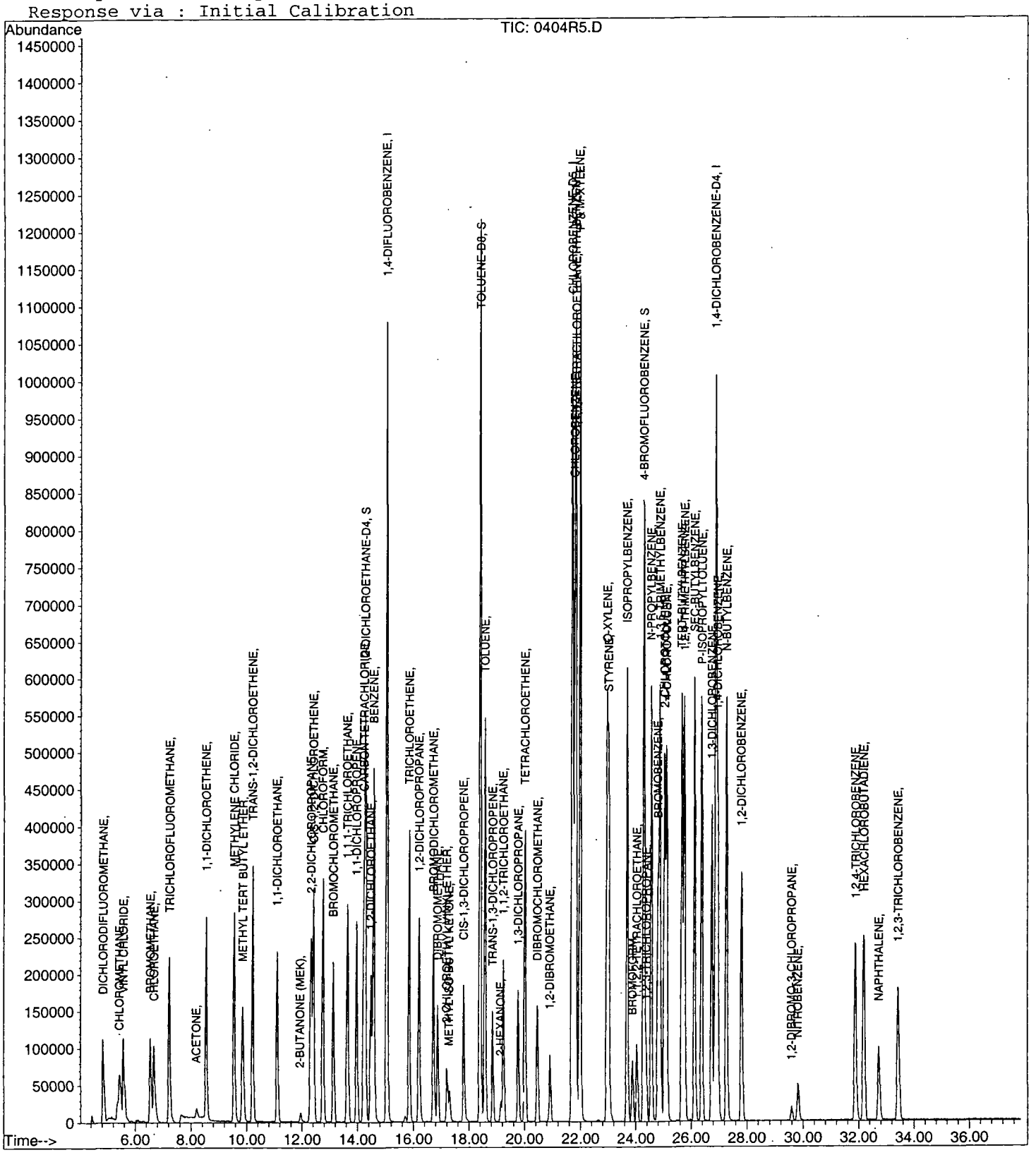
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\0404R5.D
Acq On : 4 Apr 2002 2:06 pm
Sample : ref 5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 4 15:00 2002

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

Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr04\0404R5A.D Vial: 4
Acq On : 4 Apr 2002 3:25 pm Operator: 201-wb
Sample : ref 5 gases only Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 16:04 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

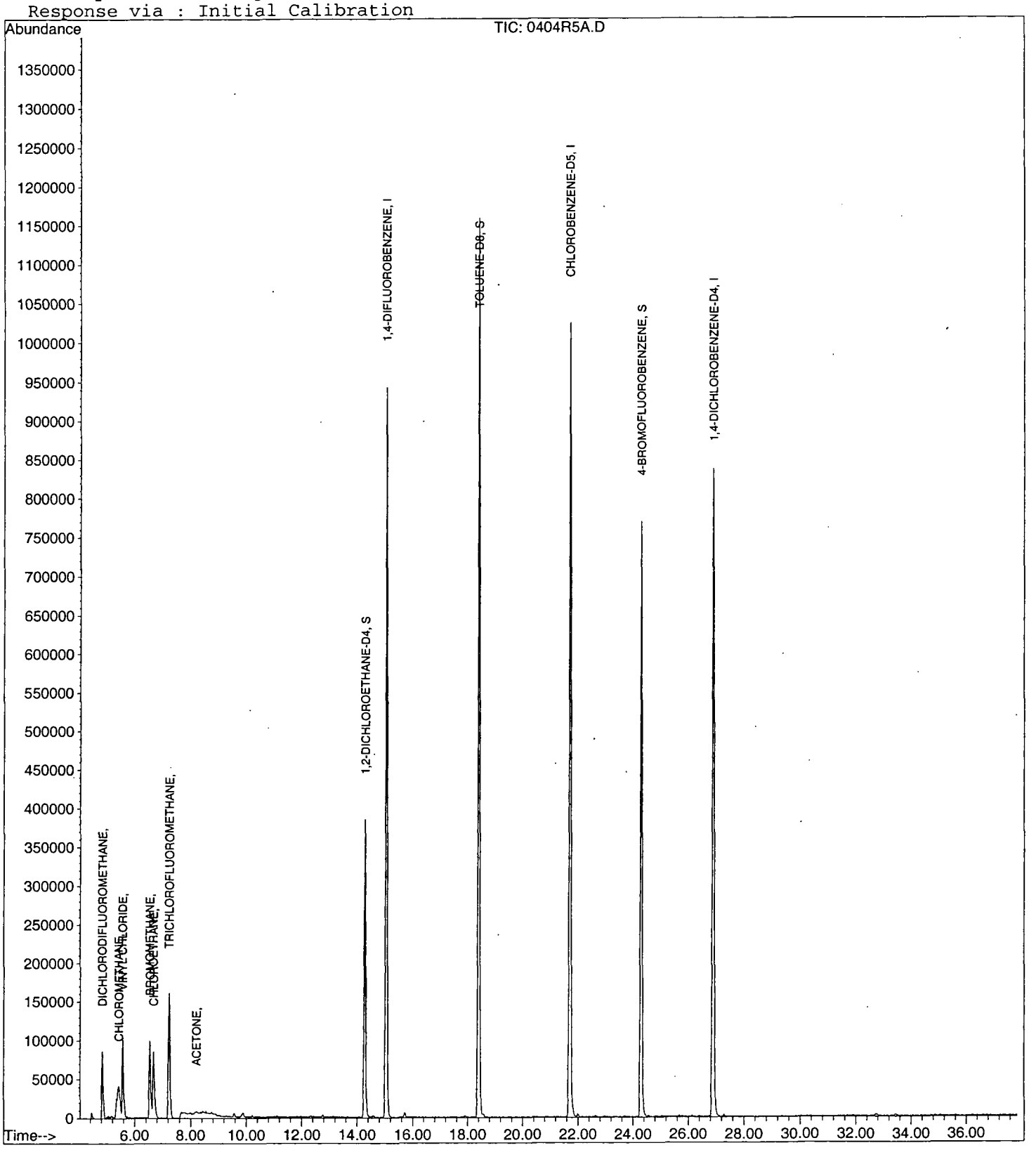
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1318038	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	1130492	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.90	152	541670	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	596704	5.49	ug/L	0.00
Spiked Amount 5.000			Recovery = 109.80%			
3) 4-BROMOFLUOROBENZENE	24.30	174	458128	4.30	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.00%			
25) TOLUENE-D8	18.41	98	1466785	5.36	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.20%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	159008	3.65	ug/L	99
5) CHLOROMETHANE	5.44	50	206012	3.96	ug/L	99
6) VINYL CHLORIDE	5.57	62	192724	5.79	ug/L	95
7) BROMOMETHANE	6.54	94	148448	4.74	ug/L	99
8) CHLOROETHANE	6.68	64	139800	4.33	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.23	101	288426	4.39	ug/L	97
12) ACETONE	8.21	43	6151	0.69	ug/L	53

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr04\0404R5A.D Vial: 4
Acq On : 4 Apr 2002 3:25 pm Operator: 201-wb
Sample : ref 5 gases only Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 16:04 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:12:26

Sample: AE07631
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:04 Ended: 4/4/02 00:04 Analyst: BH
Result source: a:\7631.rr
Page: 1

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

REVIEWED BY dv
DATE 4/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:12:26

Sample: AE07631
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:04 Ended: 4/4/02 00:04 Analyst: BH
Result source: a:\7631.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\7631.D Vial: 5
Acq On : 4 Apr 2002 4:09 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:49 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	873824	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	753166	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.90	152	357625	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	387055	5.38	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.60%		
3) 4-BROMOFLUOROBENZENE	24.30	174	298136	4.22	ug/L	0.00
Spiked Amount 5.000			Recovery =	84.40%		
25) TOLUENE-D8	18.41	98	984083	5.39	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.80%		
Target Compounds						Qvalue
12) ACETONE	8.21	43	8486	1.44	ug/L	53

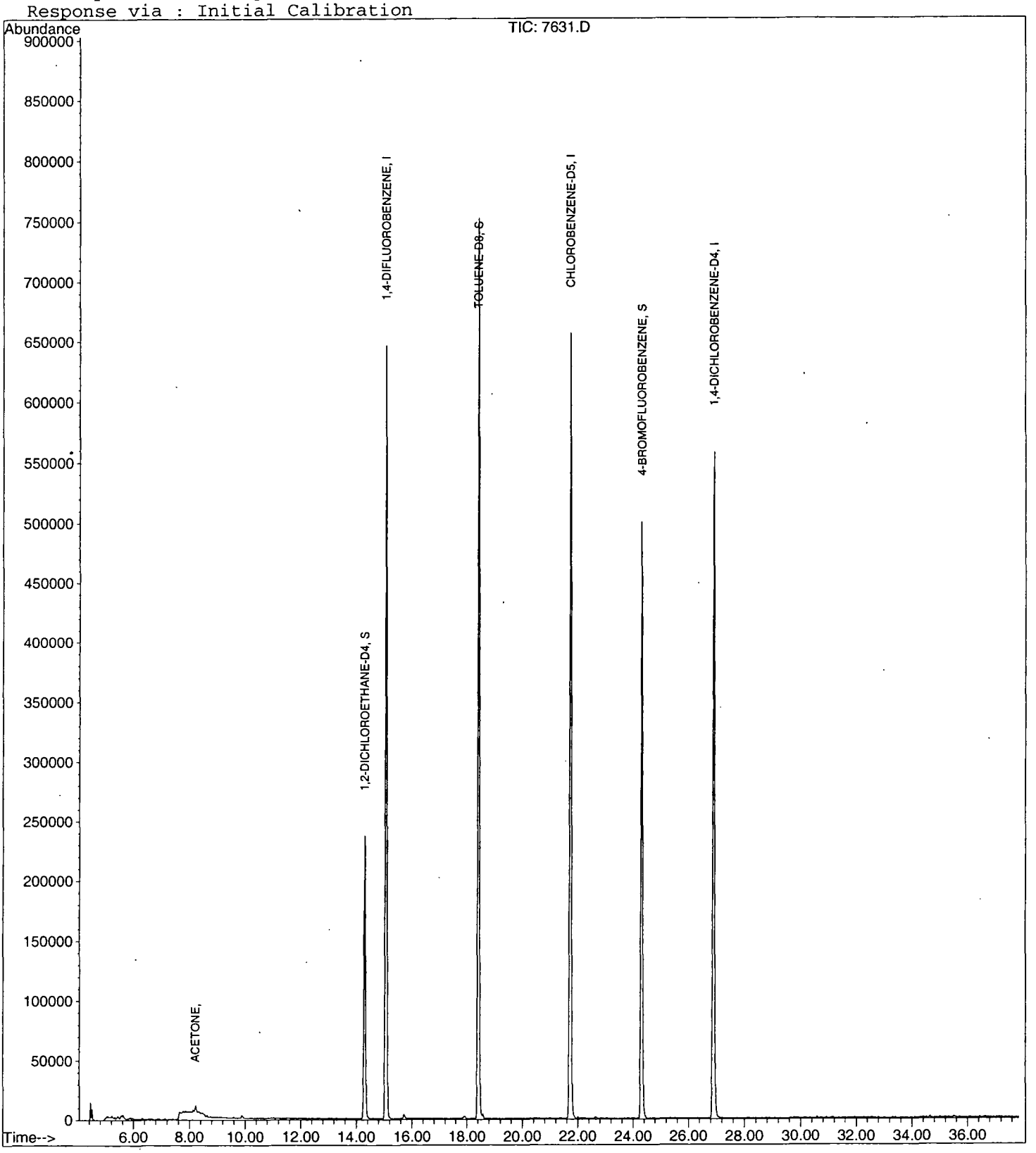
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\7631.D
Acq On : 4 Apr 2002 4:09 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:49 2002

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\7631.D
Acq On : 4 Apr 2002 4:09 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

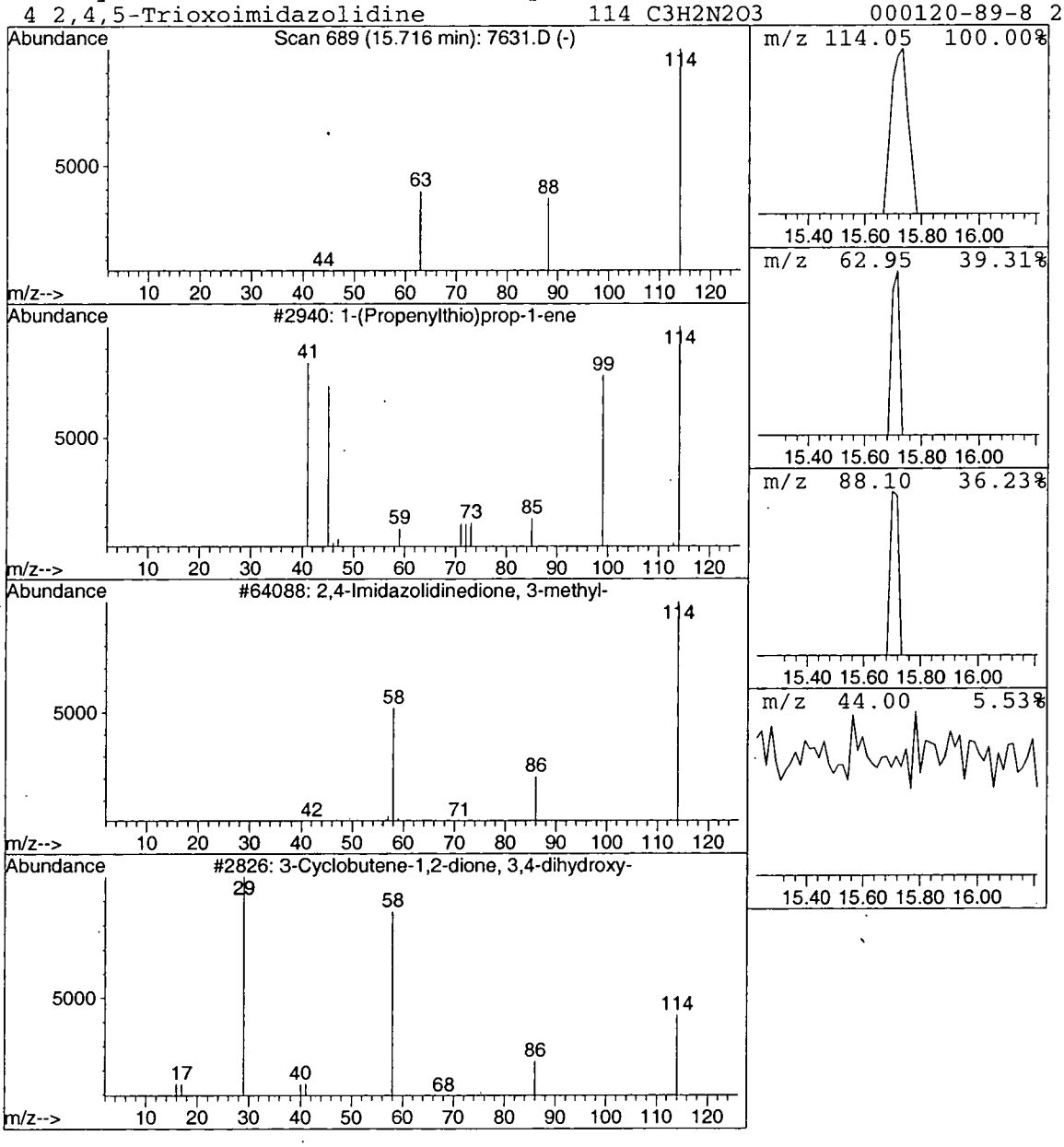
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	0.03 ug/L	13486	1,4-DIFLUOROBENZENE	15.05

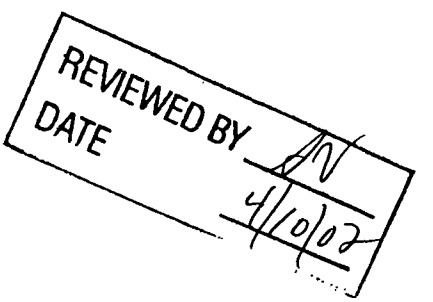
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:16:34

Sample: AE07632
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:04 Ended: 4/4/02 00:04 Analyst: BH
Result source: a:\7632.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.5		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:16:34

Sample: AE07632
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:04 Ended: 4/4/02 00:04 Analyst: BH
Result source: a:\7632.rr

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\7632.D Vial: 6
Acq On : 4 Apr 2002 4:53 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:52 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	994866	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.73	117	860776	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	407044	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	457036	5.58	ug/L	0.02
Spiked Amount 5.000			Recovery =	111.60%		
3) 4-BROMOFLUOROBENZENE	24.31	174	343243	4.27	ug/L	0.02
Spiked Amount 5.000			Recovery =	85.40%		
25) TOLUENE-D8	18.42	98	1143319	5.48	ug/L	0.02
Spiked Amount 5.000			Recovery =	109.60%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	10728	1.59	ug/L	81

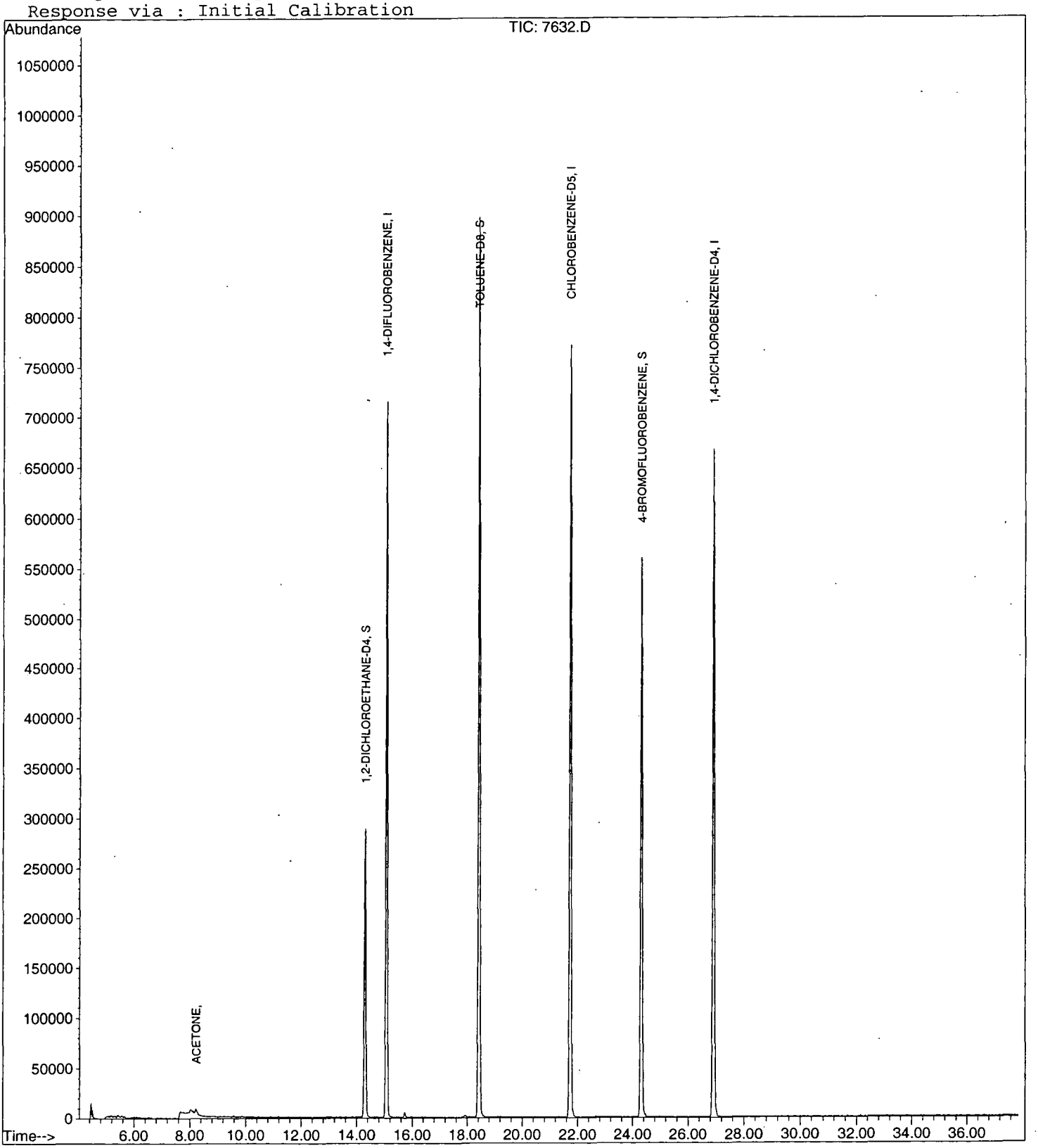
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\7632.D
Acq On : 4 Apr 2002 4:53 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:52 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\7632.D
Acq On : 4 Apr 2002 4:53 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

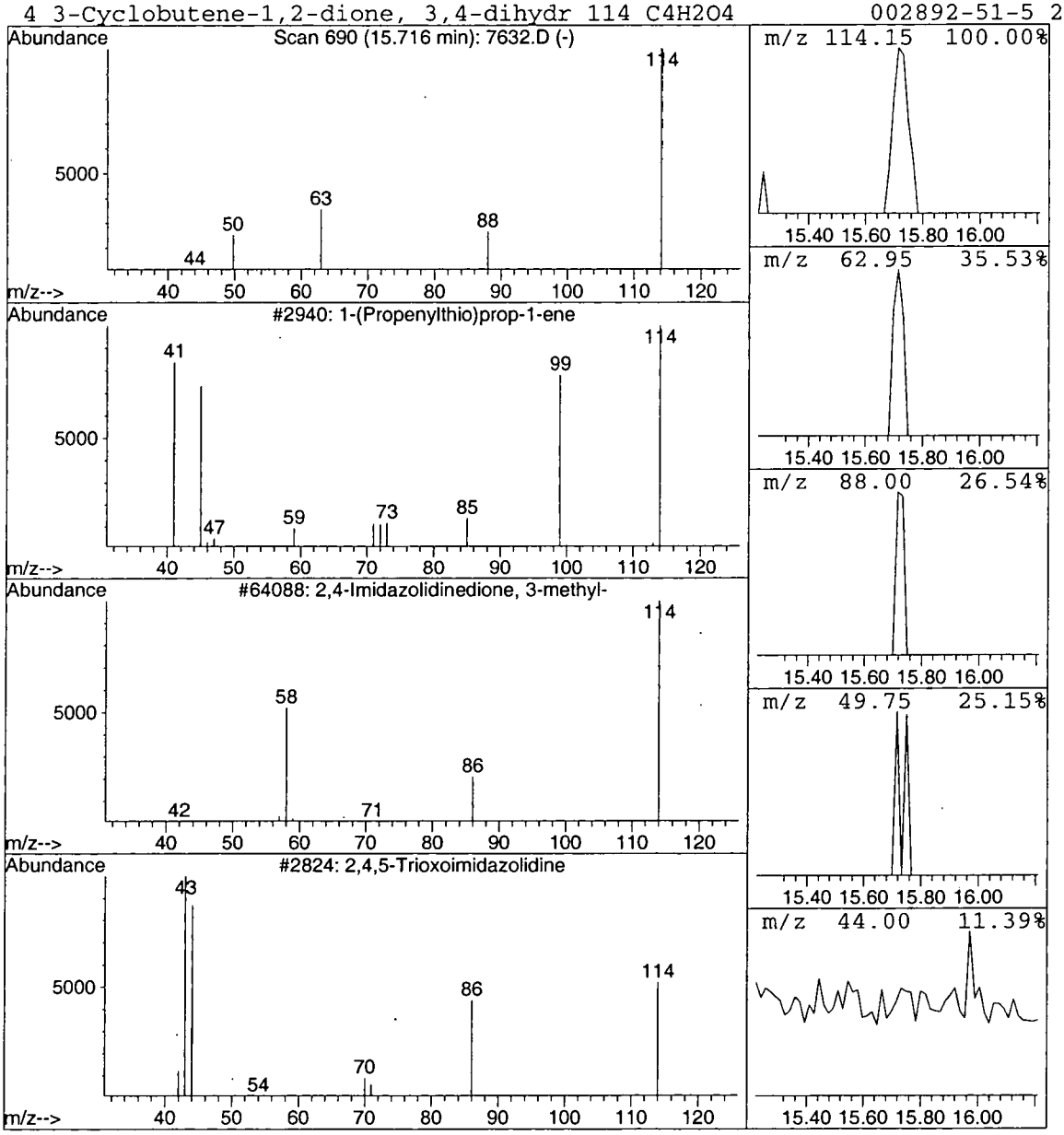
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	0.03 ug/L	17967	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: 04/05/2002 Time: 14:16:56

Sample: AE07633
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:05 Ended: 4/4/02 00:05 Analyst: BH
Result source: a:\7633.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:16:56

Sample: AE07633
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:05 Ended: 4/4/02 00:05 Analyst: BH
Result source: a:\7633.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\7633.D Vial: 7
Acq On : 4 Apr 2002 5:36 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:53 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	953412	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.73	117	829719	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	386890	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	451204	5.74	ug/L	0.02
Spiked Amount 5.000			Recovery	=	114.80%	
3) 4-BROMOFLUOROBENZENE	24.30	174	330023	4.28	ug/L	0.00
Spiked Amount 5.000			Recovery	=	85.60%	
25) TOLUENE-D8	18.42	98	1088658	5.42	ug/L	0.02
Spiked Amount 5.000			Recovery	=	108.40%	
Target Compounds						Qvalue
12) ACETONE	8.21	43	14653	2.27	ug/L	53

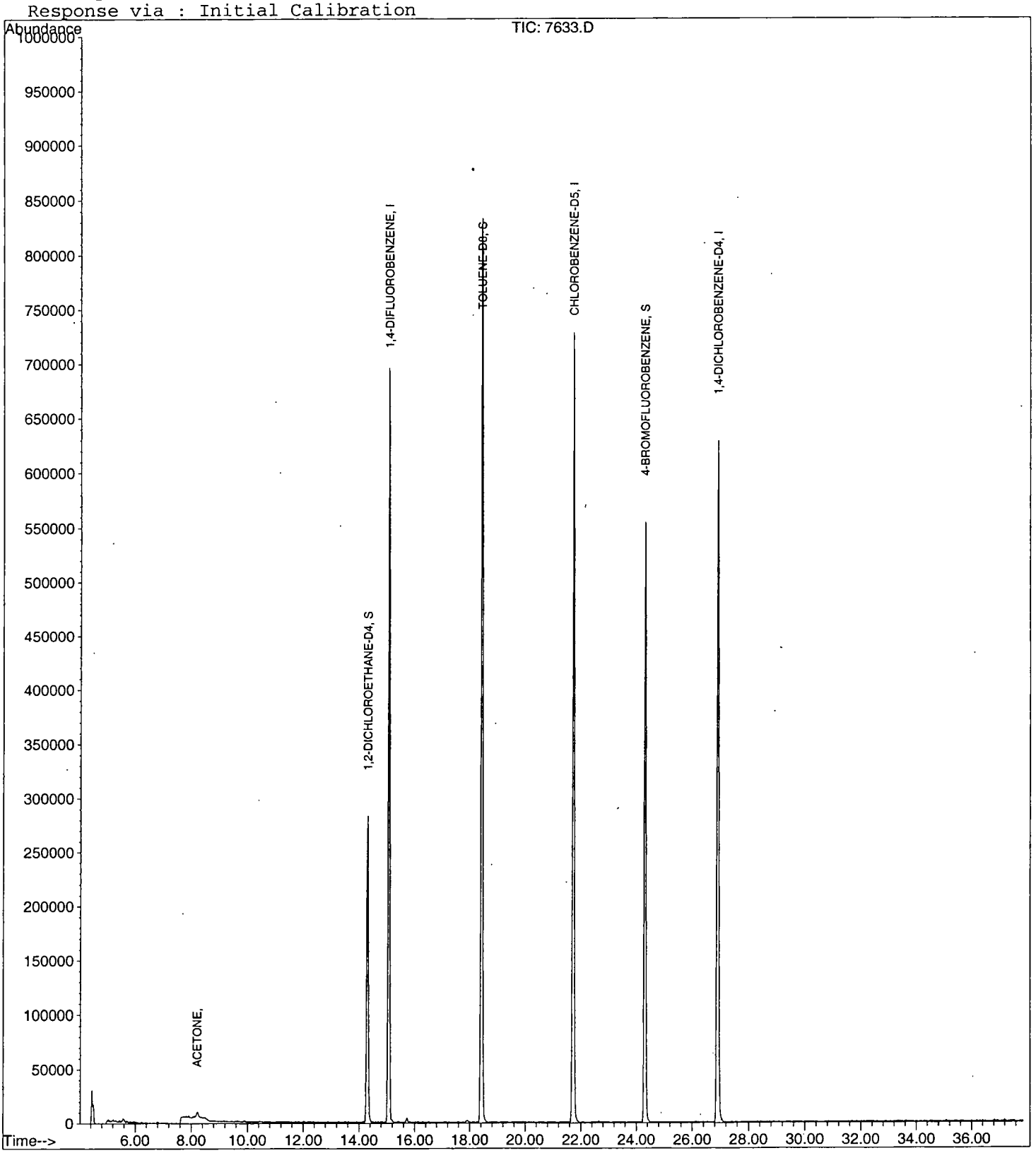
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\7633.D
Acq On : 4 Apr 2002 5:36 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:53 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\7633.D Vial: 7
Acq On : 4 Apr 2002 5:36 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

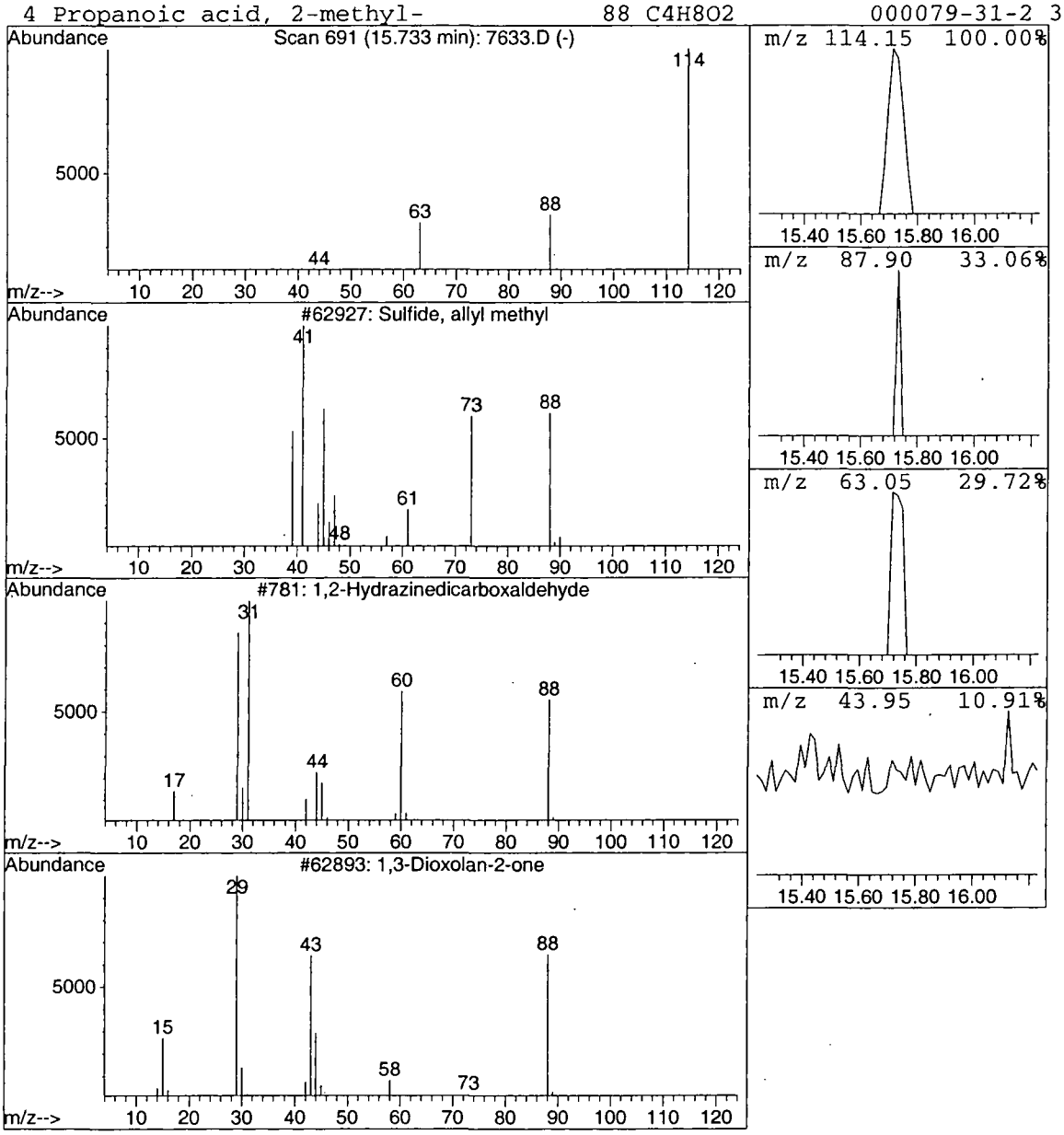
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Sulfide, allyl methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	15264	1,4-DIFLUOROBENZENE	15.07

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:12:39

Sample: AE07631
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/4/02 00:06 Ended: 4/4/02 00:06 Analyst: BH
Result source: a:\7631d.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.4		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:12:39

Sample: AE07631
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/4/02 00:06 Ended: 4/4/02 00:06 Analyst: BH
Result source: a:\7631d.rr

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:12:52

Sample: AE07631
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/4/02 00:04 Ended: 4/4/02 00:04 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.20
2	Surr - 4-BROMOFLUOROBENZ		0.0
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.0
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:12:52

Sample: AE07631
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/4/02 00:04 Ended: 4/4/02 00:04 Analyst: BH
Result source: calculation
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\7631D.D Vial: 8
Acq On : 4 Apr 2002 6:20 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:50 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1215505	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.71	117	1044054	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.90	152	491181	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	563597	5.63	ug/L	0.02
Spiked Amount 5.000			Recovery =	112.60%		
3) 4-BROMOFLUOROBENZENE	24.30	174	416251	4.24	ug/L	0.00
Spiked Amount 5.000			Recovery =	84.80%		
25) TOLUENE-D8	18.42	98	1374199	5.43	ug/L	0.02
Spiked Amount 5.000			Recovery =	108.60%		
Target Compounds						Qvalue
12) ACETONE	8.21	43	8648	1.05	ug/L	53

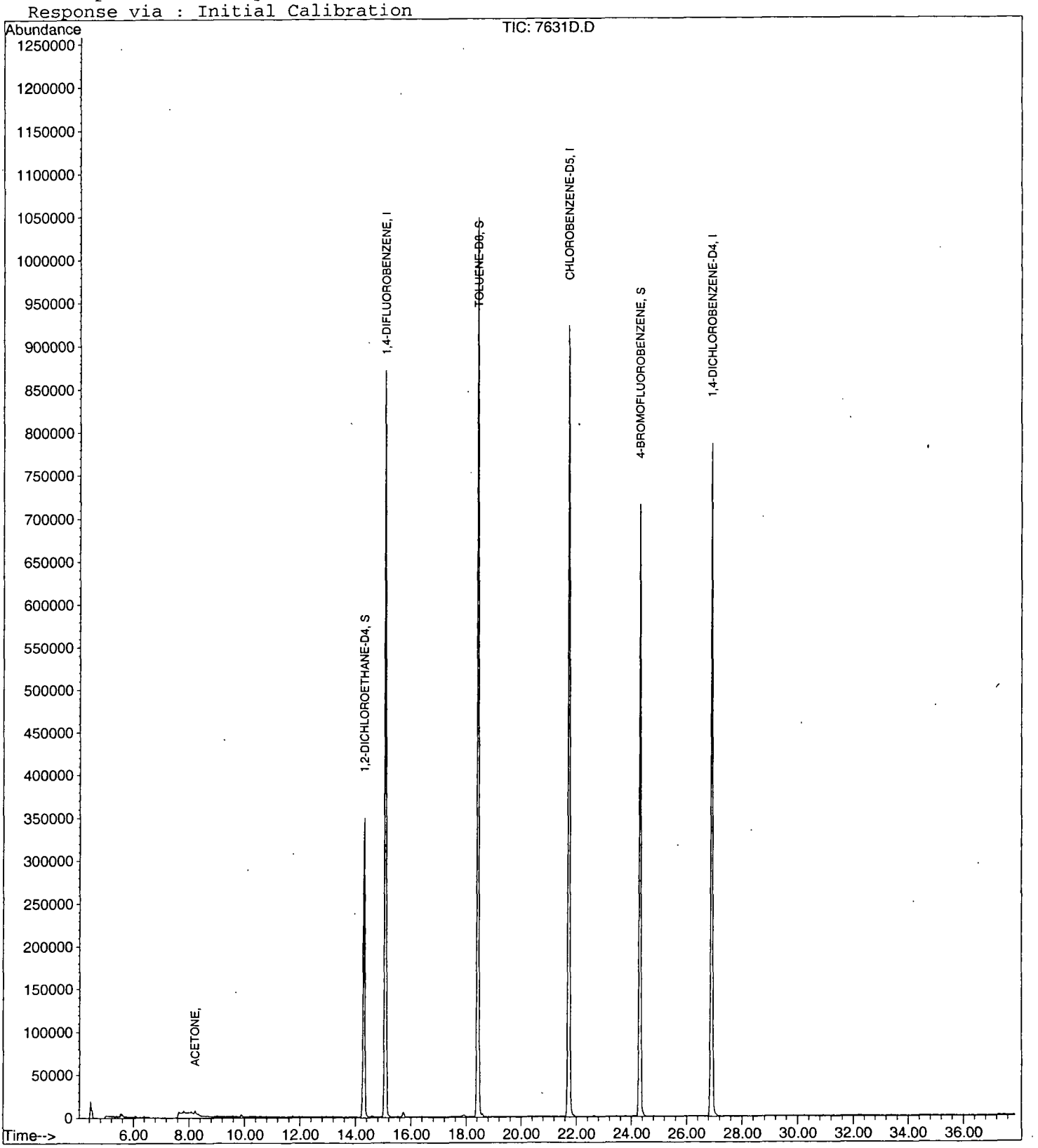
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\7631D.D
Acq On : 4 Apr 2002 6:20 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:50 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\7631D.D Vial: 8
Acq On : 4 Apr 2002 6:20 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

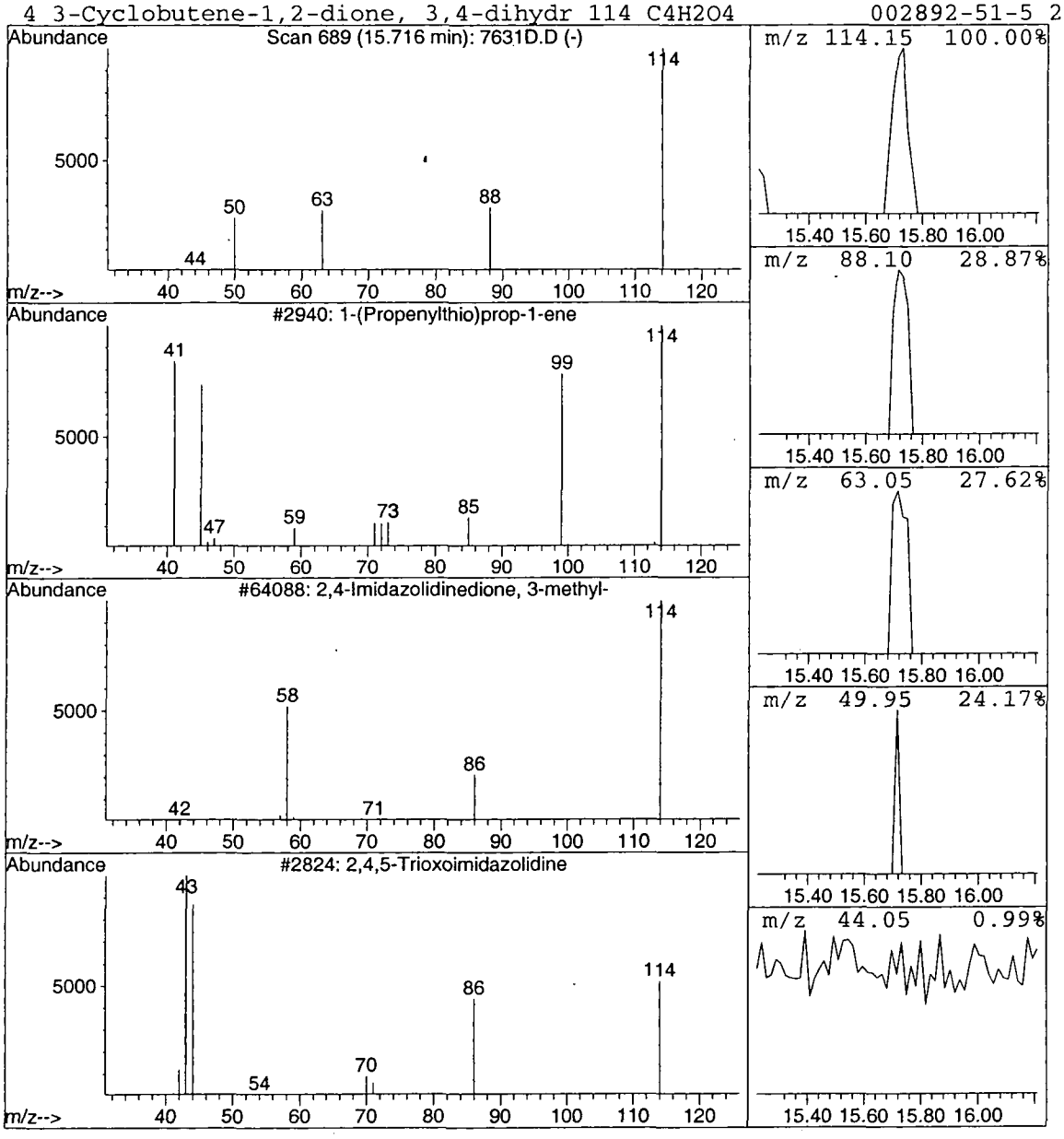
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	0.03 ug/L	22186	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: 04/05/2002 Time: 14:17:17

Sample: AE07635
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:07 Ended: 4/4/02 00:07 Analyst: BH
Result source: a:\7635.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY _____
DATE 4/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:17:17

Sample: AE07635
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:07 Ended: 4/4/02 00:07 Analyst: BH
Result source: a:\7635.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\7635.D Vial: 9
Acq On : 4 Apr 2002 7:02 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:54 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

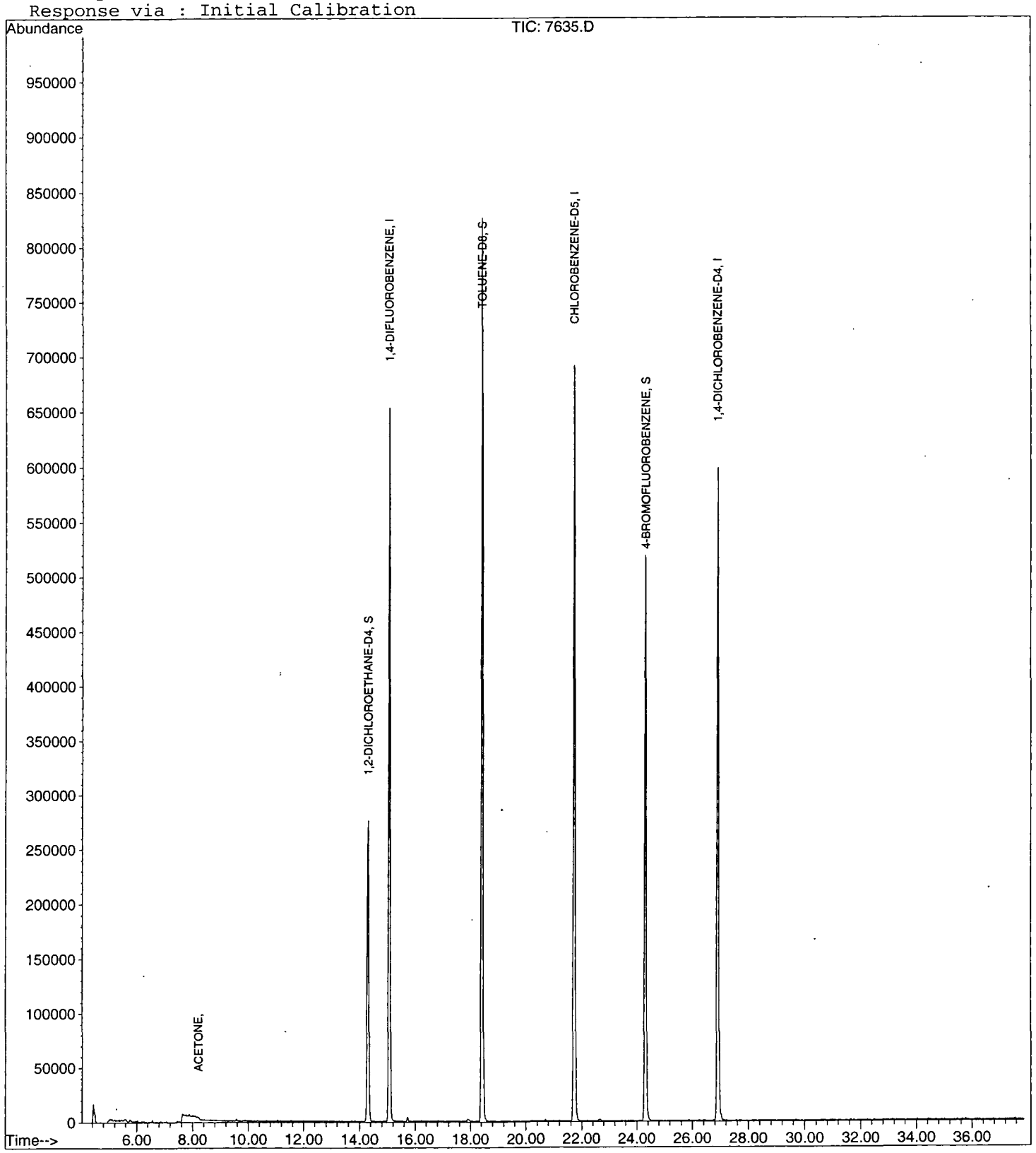
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	904603	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.73	117	793085	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	365847	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	439948	5.90	ug/L	0.02
Spiked Amount 5.000			Recovery =	118.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	308927	4.23	ug/L	0.02
Spiked Amount 5.000			Recovery =	84.60%		
25) TOLUENE-D8	18.42	98	1041766	5.42	ug/L	0.02
Spiked Amount 5.000			Recovery =	108.40%		
Target Compounds						Qvalue
12) ACETONE	8.21	43	5278	0.86	ug/L	53

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\7635.D Vial: 9
Acq On : 4 Apr 2002 7:02 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:54 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:18:06

Sample: AE07636
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:07 Ended: 4/4/02 00:07 Analyst: BH
Result source: a:\7636.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:18:06

Sample: AE07636
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:07 Ended: 4/4/02 00:07 Analyst: BH
Result source: a:\7636.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\7636.D Vial: 10
Acq On : 4 Apr 2002 7:45 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:56 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1224801	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	1070547	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.88	152	500670	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	584121	5.79	ug/L	0.00
Spiked Amount 5.000			Recovery =	115.80%		
3) 4-BROMOFLUOROBENZENE	24.30	174	429304	4.34	ug/L	0.00
Spiked Amount 5.000			Recovery =	86.80%		
25) TOLUENE-D8	18.41	98	1403882	5.41	ug/L	0.00
Spiked Amount 5.000			Recovery =	108.20%		
Target Compounds						Qvalue
12) ACETONE	8.21	43	6065	0.73	ug/L	53

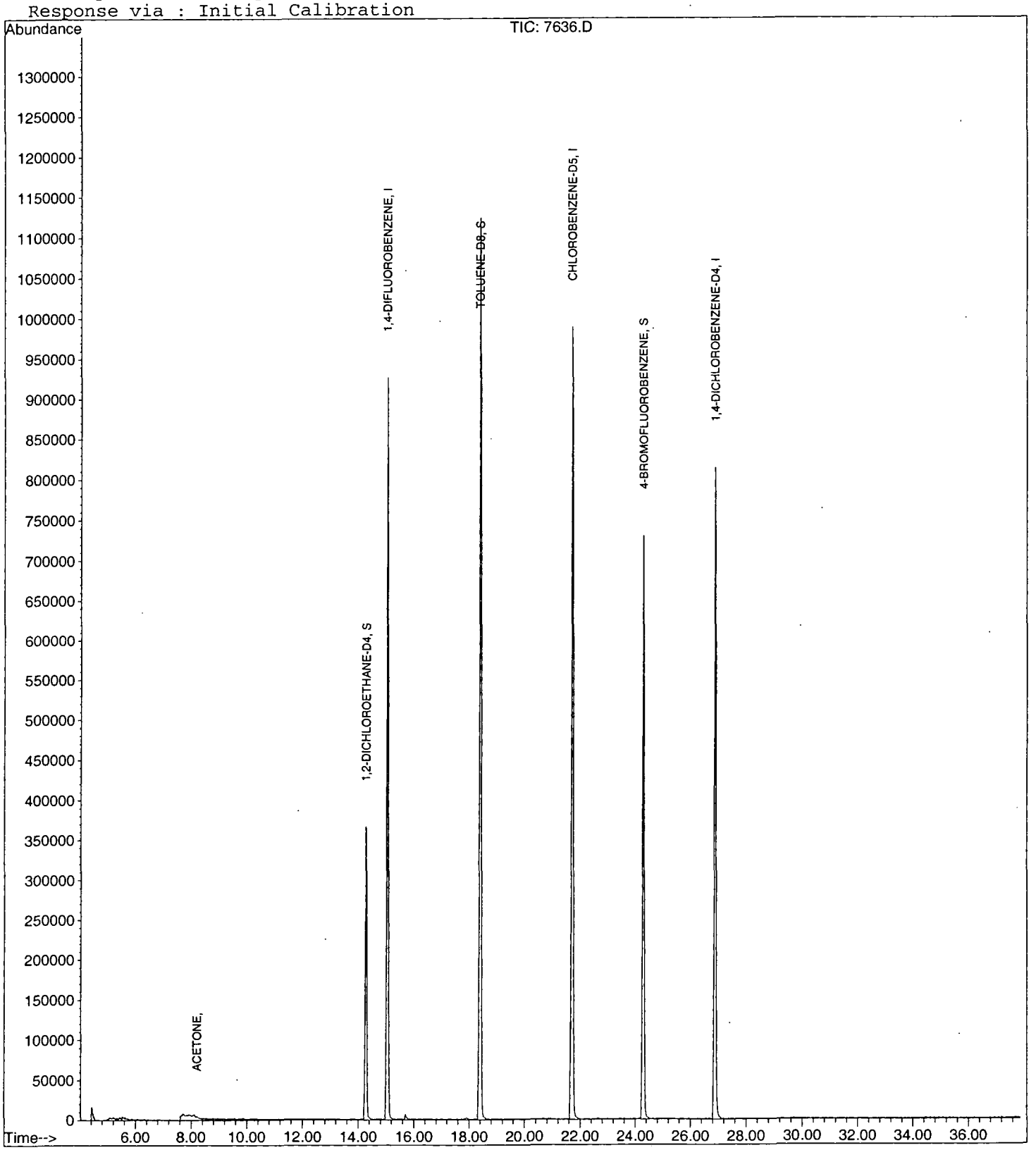
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\7636.D
Acq On : 4 Apr 2002 7:45 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:56 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\7636.D Vial: 10
Acq On : 4 Apr 2002 7:45 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

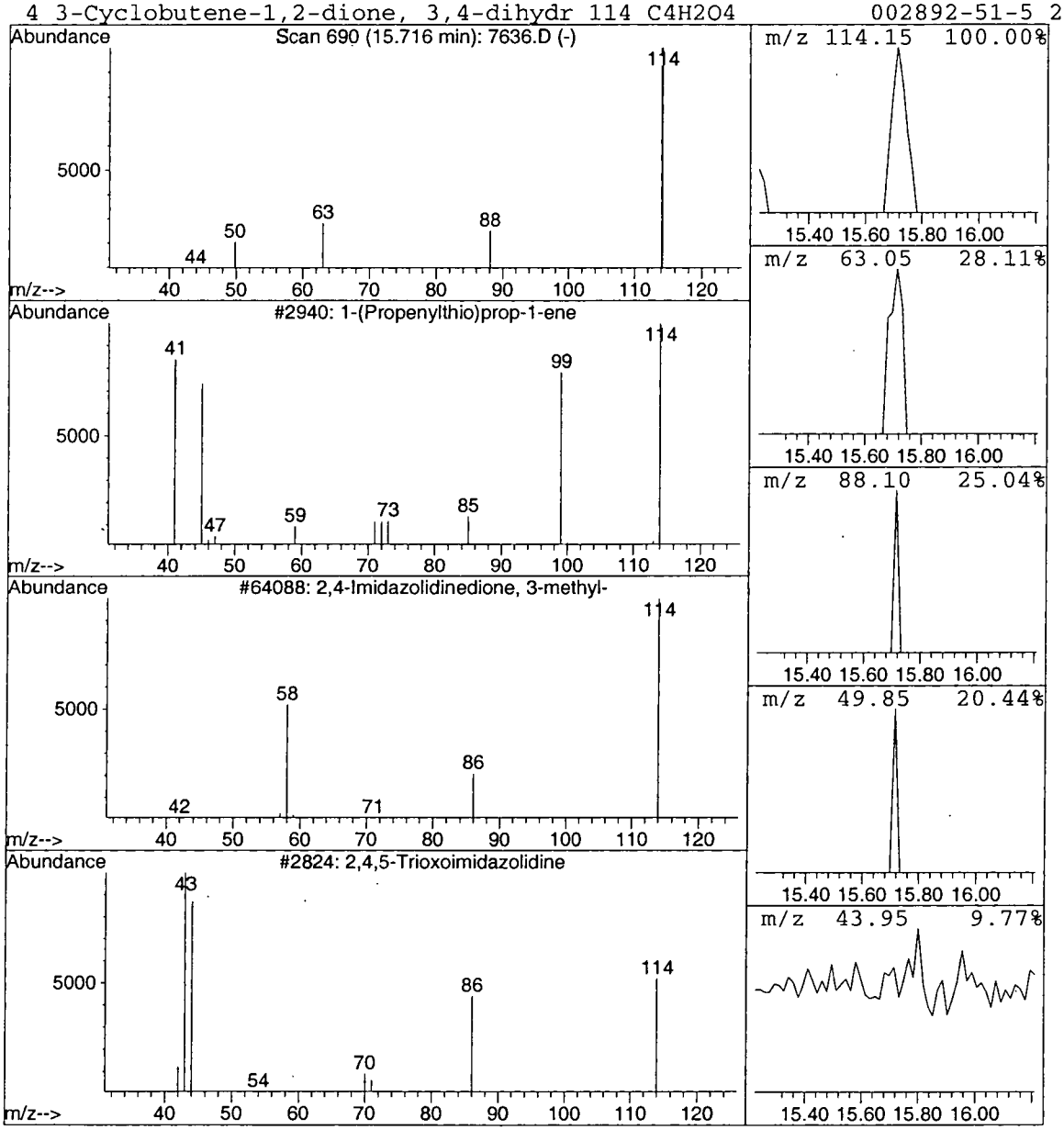
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	0.03 ug/L	19455	1,4-DIFLUOROBENZENE	15.05

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: 04/05/2002 Time: 14:18:31

Sample: AE07637
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:08 Ended: 4/4/02 00:08 Analyst: BH
Result source: a:\7637.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY _____
DATE 4/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:18:31

Sample: AE07637
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:08 Ended: 4/4/02 00:08 Analyst: BH
Result source: a:\7637.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\7637.D Vial: 11
Acq On : 4 Apr 2002 8:29 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:57 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1210779	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	1060031	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.90	152	488769	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.28	65	585013	5.86	ug/L	0.00
Spiked Amount 5.000			Recovery =	117.20%		
3) 4-BROMOFLUOROBENZENE	24.30	174	423577	4.33	ug/L	0.00
Spiked Amount 5.000			Recovery =	86.60%		
25) TOLUENE-D8	18.41	98	1397092	5.44	ug/L	0.00
Spiked Amount 5.000			Recovery =	108.80%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	6090	0.74	ug/L	53
46) 2-HEXANONE	19.53	43	727	0.06	ug/L	27

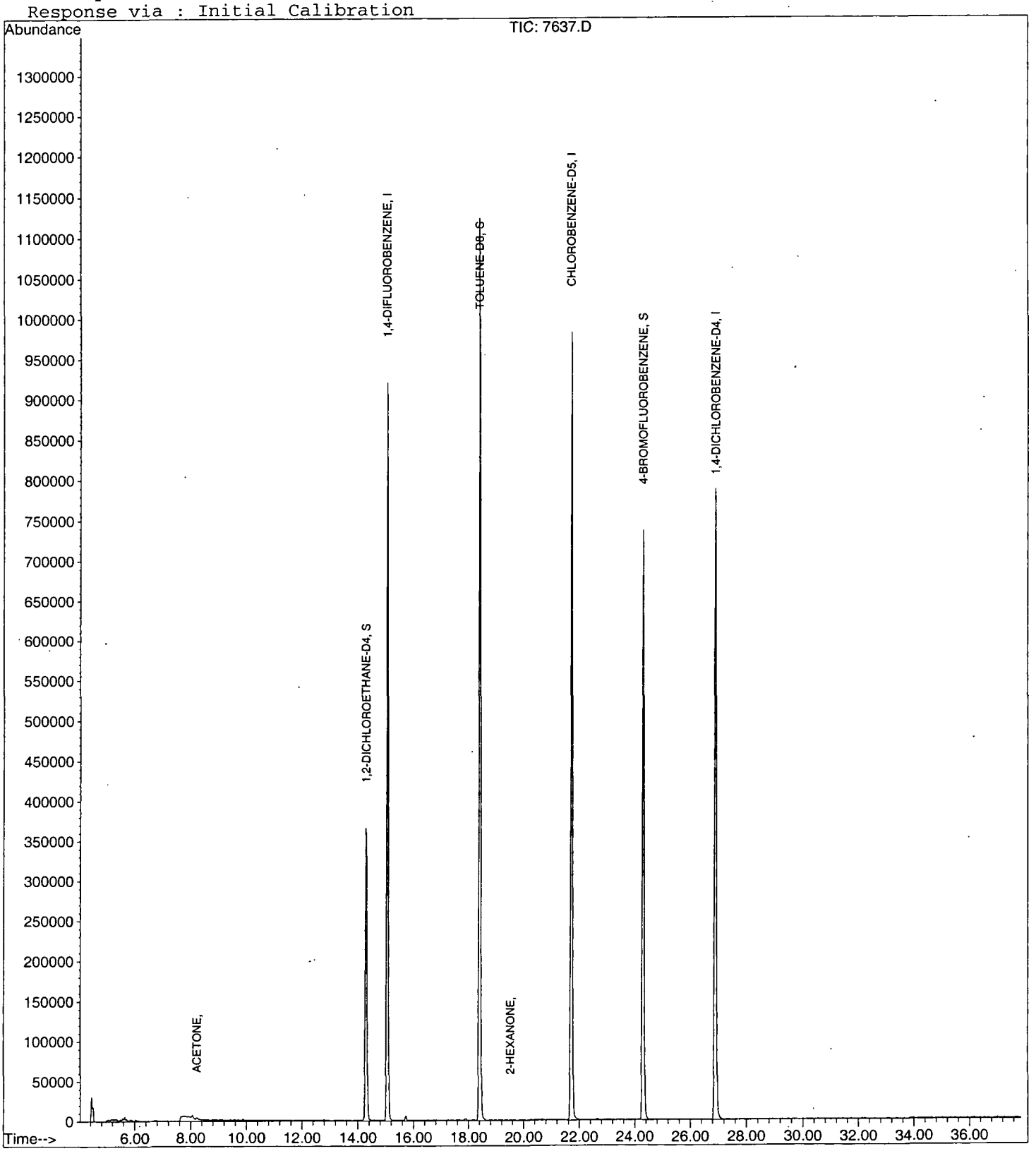
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\7637.D
Acq On : 4 Apr 2002 8:29 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:57 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\7637.D Vial: 11
Acq On : 4 Apr 2002 8:29 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

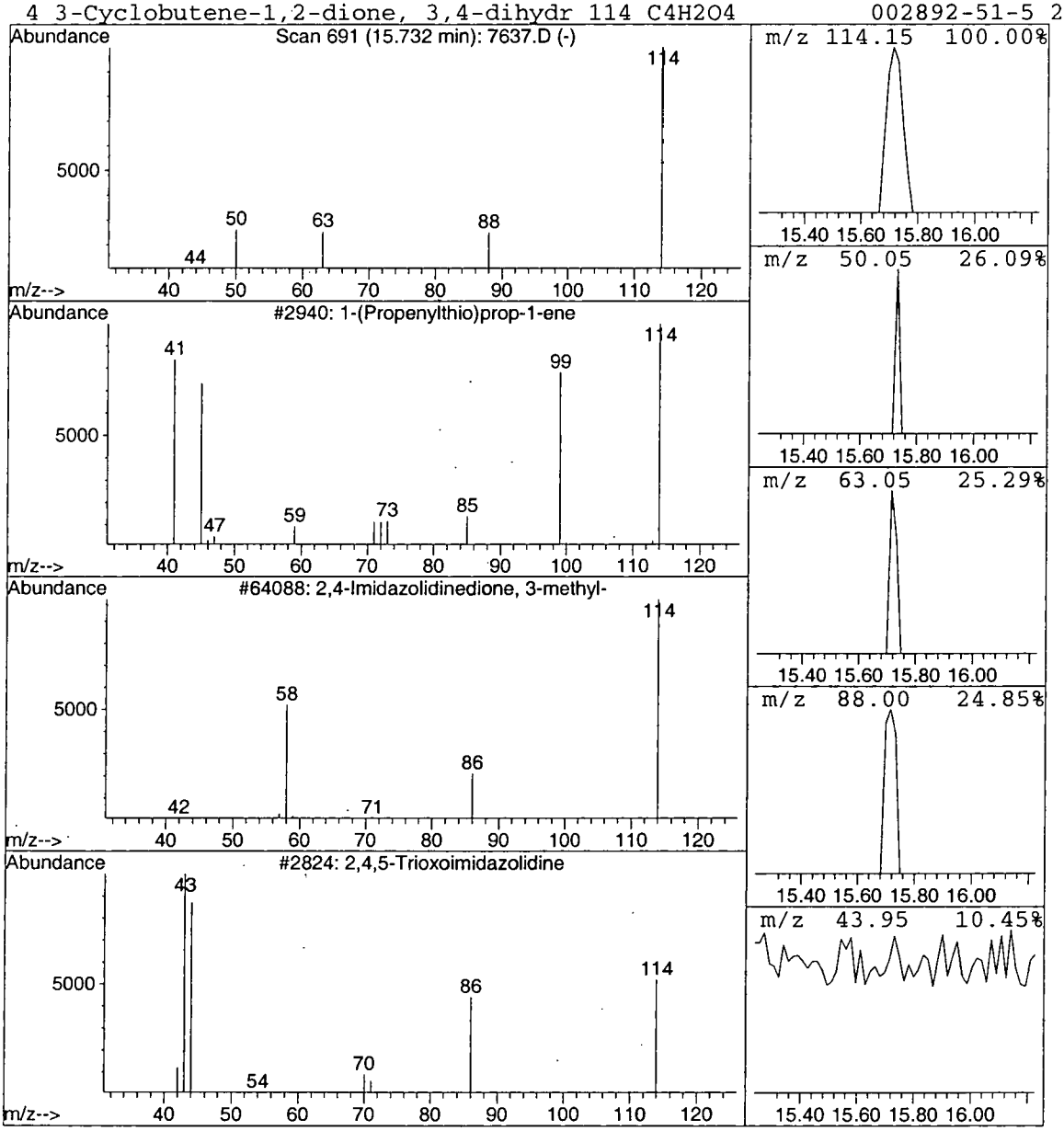
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	17749	1,4-DIFLUOROBENZENE	15.05

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: 04/05/2002 Time: 14:11:52

Sample: AE07631
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/4/02 00:09 Ended: 4/4/02 00:09 Analyst: BH
Result source: a:\0404c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		5.0		.5
3	Dichlorodifluoromethane		7.5		.5
4	Chloromethane		8.6		.5
5	Vinyl chloride		11		.5
6	Bromomethane		10		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		9.9		.5
9	1,1-Dichloroethene		7.4		.5
10	Methylene Chloride		8.4		.5
11	Methyl tert-butyl ether (MTBE)		7.8		1.0
12	trans-1,2-dichloroethene		8.2		.5
13	1,1-dichloroethane		8.5		.5
14	2-butanone (MEK)		32		2.0
15	2,2-dichloropropane		8.1		.5
16	cis-1,2-dichloroethene		8.7		.5
17	Chloroform		9.4		.5
18	Bromochloromethane		8.6		.5
19	1,2-dichloroethane		9.8		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		9.3		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.1		.5
25	Trichloroethene		9.9		.5
26	1,2-dichloropropane		9.1		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		37		1.0
30	cis-1,3-dichloropropene		9.2		.5
31	Toluene		9.5		.5
32	trans-1,3-dichloropropene		9.5		.5
33	1,1,2-trichloroethane		9.3		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		9.4		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.3		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		19		.5
41	O-xylene		10		.5
42	Styrene		9.8		.5
43	1,1,2,2-tetrachloroethane		8.7		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		9.8		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:11:52

Sample: AE07631
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/4/02 00:09 Ended: 4/4/02 00:09 Analyst: BH
Result source: a:\0404c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		11		.5
52	TERT-butylbenzene		10		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		9.8		.5
55	P-isopropyltoluene		9.9		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		9.8		.5
58	N-butylbenzene		9.9		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene	USPEC	13		.5
62	Naphthalene		8.9		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		180		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\0404C10A.D Vial: 2
Acq On : 4 Apr 2002 9:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 21:50 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1246009	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	1154578	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.88	152	596958	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	610104	5.94	ug/L	0.00
Spiked Amount 5.000			Recovery =	118.80%		
3) 4-BROMOFLUOROBENZENE	24.30	174	504399	5.01	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.20%		
25) TOLUENE-D8	18.41	98	1470314	5.26	ug/L	0.00
Spiked Amount 5.000			Recovery =	105.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	309682	7.52	ug/L	97
5) CHLOROMETHANE	5.44	50	421378	8.57	ug/L	99
6) VINYL CHLORIDE	5.55	62	339044	10.77	ug/L	98
7) BROMOMETHANE	6.54	94	300942	10.17	ug/L	100
8) CHLOROETHANE	6.68	64	309650	10.13	ug/L	100
9) TRICHLOROFLUOROMETHANE	7.23	101	615190	9.91	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.12	101	6145	0.22	ug/L	94
12) ACETONE	8.21	43	245447	29.12	ug/L	99
13) 1,1-DICHLOROETHENE	8.57	61	550733	7.40	ug/L	98
14) METHYLENE CHLORIDE	9.57	49	553547	8.37	ug/L	99
15) METHYL TERT BUTYL ETHER	9.88	73	518274	7.75	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.23	61	613830	8.21	ug/L	96
17) 1,1-DICHLOROETHANE	11.12	63	729154	8.51	ug/L	96
18) 2-BUTANONE (MEK)	11.95	43	294065	32.09	ug/L	99
19) 2,2-DICHLOROPROPANE	12.34	77	549406	8.15	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.43	96	437666	8.69	ug/L	96
21) CHLOROFORM	12.77	83	874660	9.44	ug/L	98
22) BROMOCHLOROMETHANE	13.14	49	329451	8.56	ug/L	96
23) 1,2-DICHLOROETHANE	14.49	62	630278	9.84	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.66	97	661031	10.14	ug/L	97
27) 1,1-DICHLOROPROPENE	13.98	75	558641	9.32	ug/L	98
28) CARBON TETRACHLORIDE	14.25	117	574803	10.24	ug/L	100
29) BENZENE	14.59	78	1365933	9.14	ug/L	99
30) TRICHLOROETHENE	15.85	95	463084	9.92	ug/L	96
31) 1,2-DICHLOROPROPANE	16.21	63	354903	9.10	ug/L	98
32) DIBROMOMETHANE	16.89	174	220809	9.99	ug/L	97
33) BROMODICHLOROMETHANE	16.74	83	604695	10.24	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.21	63	137094	8.81	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.30	58	246261	36.99	ug/L	85
36) CIS-1,3-DICHLOROPROPENE	17.83	75	520512	9.20	ug/L	98
37) TOLUENE	18.58	91	1523906	9.52	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.87	75	397928	9.54	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.24	97	245128	9.28	ug/L	99
40) TETRACHLOROETHENE	20.02	166	472522	9.98	ug/L	99
41) 1,3-DICHLOROPROPANE	19.78	76	456468	9.38	ug/L	97
42) DIBROMOCHLOROMETHANE	20.47	129	342827	10.05	ug/L	98
43) 1,2-DIBROMOETHANE	20.93	107	253168	9.40	ug/L	94
44) CHLOROBENZENE	21.79	112	1004200	9.32	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.84	131	383525	10.08	ug/L	98
46) 2-HEXANONE	19.14	43	474180	38.47	ug/L	90
47) ETHYLBENZENE	21.83	91	1854608	9.97	ug/L	97

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\0404C10A.D Vial: 2
Acq On : 4 Apr 2002 9:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 21:50 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

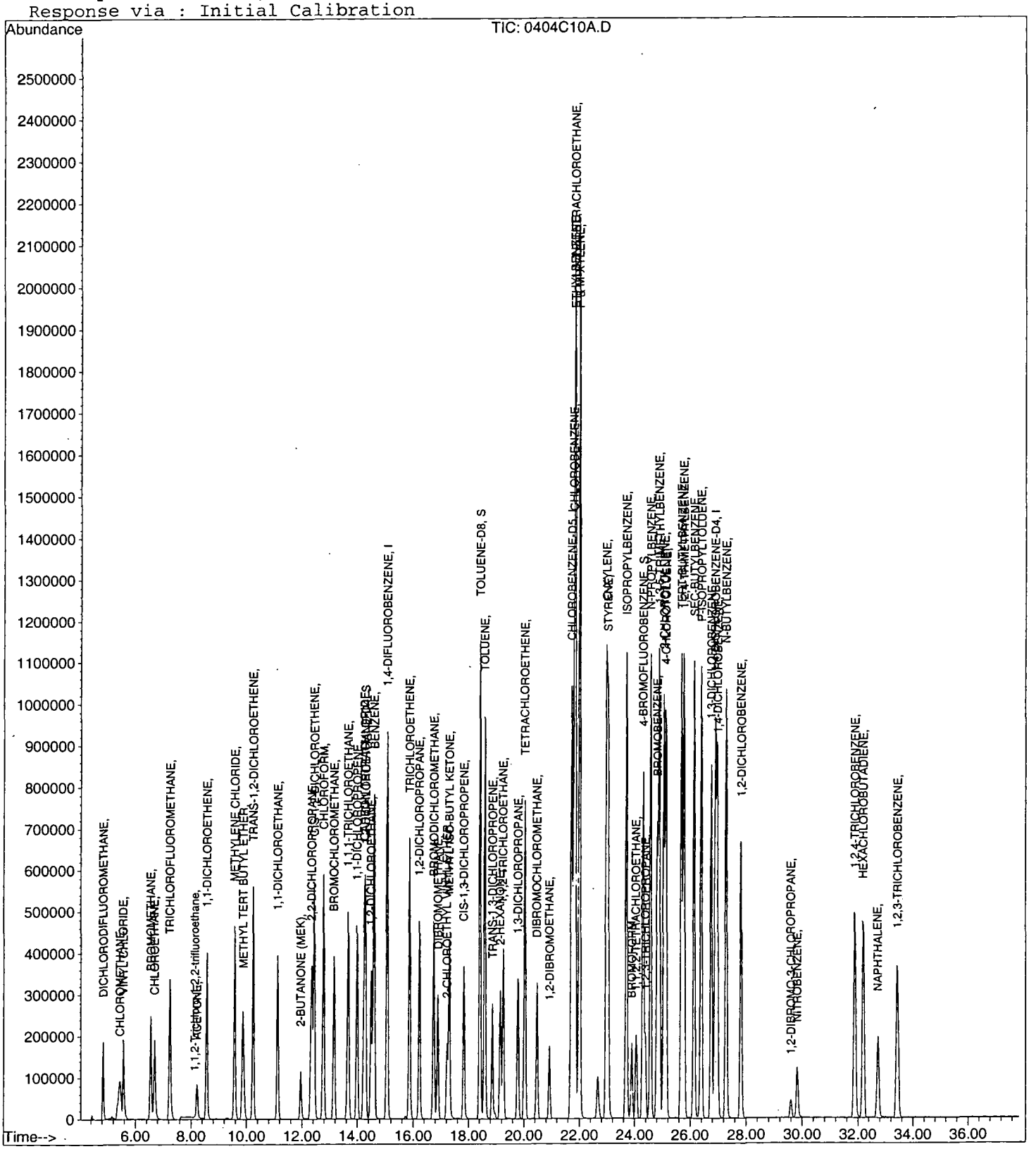
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.00	106	1224343	19.30 ug/L	90
49)	O-XYLENE	22.97	91	1503094	10.28 ug/L	96
50)	STYRENE	23.02	104	950935	9.81 ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.04	83	232781	8.71 ug/L	97
53)	BROMOFORM	23.89	173	177498	11.12 ug/L	96
54)	ISOPROPYLBENZENE	23.70	105	1648091	10.34 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.38	110	85466	11.08 ug/L	83
56)	N-PROPYLBENZENE	24.57	91	2036148	9.83 ug/L	98
57)	BROMOBENZENE	24.81	156	446040	10.64 ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.88	105	1476128	10.44 ug/L	96
59)	2-CHLOROTOLUENE	25.05	91	1438914	10.10 ug/L	98
60)	4-CHLOROTOLUENE	25.11	91	1300370	10.60 ug/L	97
61)	TERT-BUTYLBENZENE	25.68	119	1298672	10.07 ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.76	105	1550985	10.48 ug/L	95
63)	SEC-BUTYLBENZENE	26.13	105	1741663	9.83 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.39	119	1374251	9.93 ug/L	96
65)	1,3-DICHLOROBENZENE	26.75	146	807456	10.10 ug/L	98
66)	1,4-DICHLOROBENZENE	26.97	146	812489	9.83 ug/L	98
67)	N-BUTYLBENZENE	27.28	91	1392709	9.90 ug/L	99
68)	1,2-DICHLOROBENZENE	27.82	146	686502	10.04 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.59	157	37871	9.12 ug/L	94
70)	1,2,4-TRICHLOROBENZENE	31.89	180	472949	10.94 ug/L	97
71)	HEXACHLOROBUTADIENE	32.20	225	294275	13.18 ug/L	96
72)	NAPHTHALENE	32.72	128	472364	8.91 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.44	180	374711	11.09 ug/L	96
74)	NITROBENZENE	29.81	77	174692	181.52 ug/L	89

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\0404C10A.D Vial: 2
Acq On : 4 Apr 2002 9:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 21:50 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\0404B2.D Vial: 3
Acq On : 4 Apr 2002 9:56 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 22:34 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.05
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.71
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.88
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	0.00	65	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
3) 4-BROMOFLUOROBENZENE	0.00	174	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
25) TOLUENE-D8	0.00	98	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		

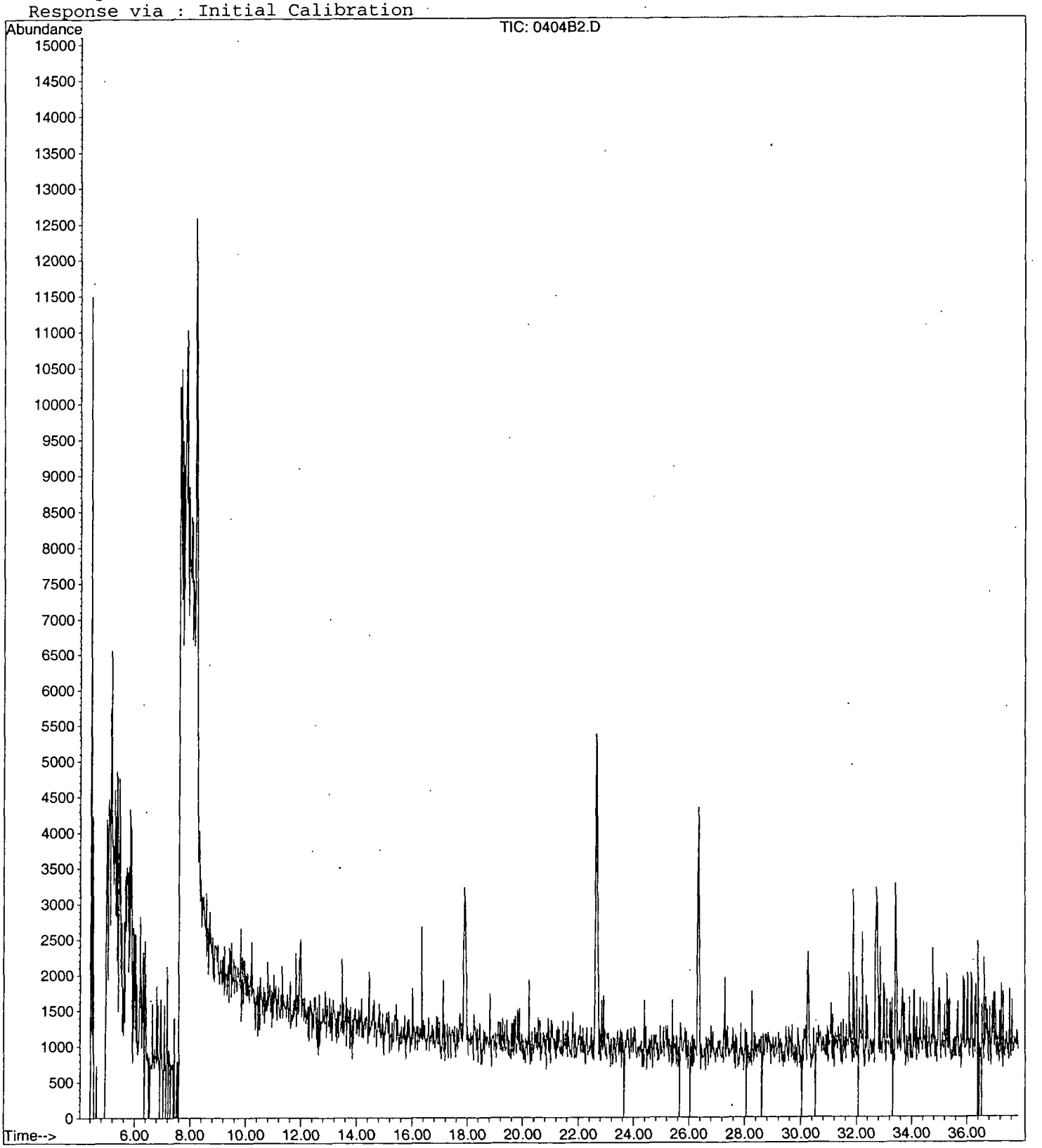
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\0404B2.D Vial: 3
Acq On : 4 Apr 2002 9:56 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 4 22:34 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:18:57

Sample: AE08012
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:00 Ended: 4/4/02 00:00 Analyst: BH
Result source: a:\8012.rr
Page: 1

	Component Name.	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13.	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.5		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:18:57

Sample: AE08012
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/4/02 00:00 Ended: 4/4/02 00:00 Analyst: BH
Result source: a:\8012.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR04\8012.D Vial: 4
Acq On : 4 Apr 2002 10:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:58 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1244045	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	1082579	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.88	152	519838	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	595565	5.81	ug/L	0.00
Spiked Amount 5.000			Recovery =	116.20%		
3) 4-BROMOFLUOROBENZENE	24.30	174	442025	4.40	ug/L	0.00
Spiked Amount 5.000			Recovery =	88.00%		
25) TOLUENE-D8	18.41	98	1436829	5.48	ug/L	0.00
Spiked Amount 5.000			Recovery =	109.60%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	6226	0.74	ug/L	53
65) 1,3-DICHLOROBENZENE	26.97	146	8767	~~0.13~~	~~ug/L~~	97
66) 1,4-DICHLOROBENZENE	26.97	146	8767	0.12	ug/L	97

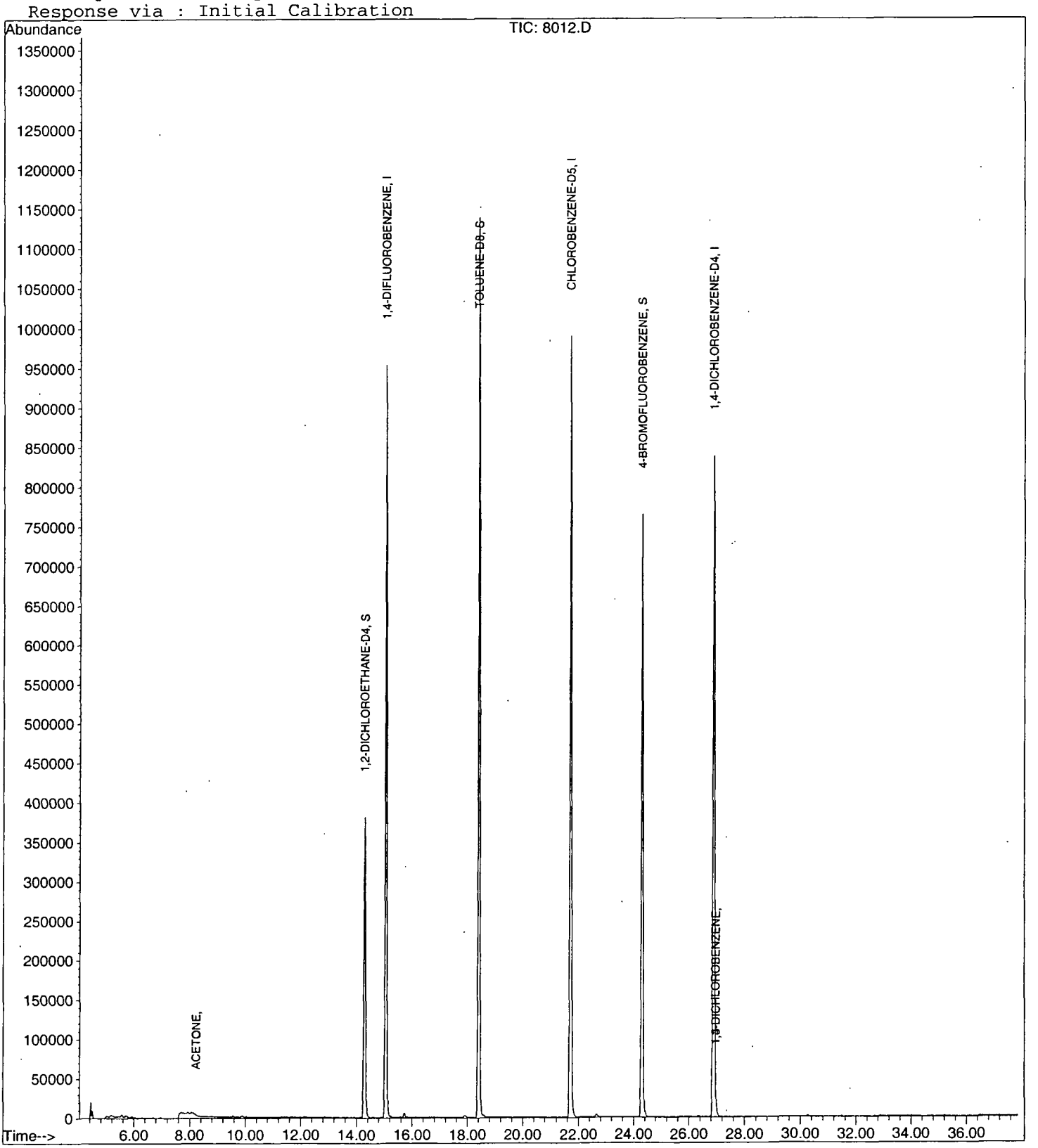
(#) = qualifier out of range (m) = manual integration
8012.D HP031802.M Fri Apr 05 08:58:27 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR04\8012.D
Acq On : 4 Apr 2002 10:39 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 8:58 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Apr 04 11:11:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR04\8012.D Vial: 4
Acq On : 4 Apr 2002 10:39 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\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	0.03 ug/L	21273	1,4-DIFLUOROBENZENE	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3