User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:09:10

Sample: AE12738
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 6/4/02 00:02 Ended: 6/4/02 00:02 Analyst: BH
Result source: a:\0604b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.6
2	Surr - 4-BROMOFLUOROBENZ		4.4
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	ACETONE		1.1
10	1,1-DICHLOROETHENE		< MRL
11	METHYLENE CHLORIDE		< MRL
12	METHYL TERT BUTYL ETHER		< MRL
13	TRANS-1,2-DICHLOROETHEN		< MRL
14	1,1-DICHLOROETHANE		< MRL
15	2-BUTANONE (MEK)		< MRL
16	2,2-DICHLOROPROPANE		< MRL
17	CIS,1,2-DICHLOROETHENE		< MRL
18	CHLOROFORM		< MRL
19	BROMOCHLOROMETHANE		< MRL
20	1,2-DICHLOROETHANE		< MRL
21	Surr - TOLUENE-D8		5.2
22	1,1,1-TRICHLOROETHANE		< MRL
23	1,1-DICHLOROPROPENE		< MRL
24	CARBON TETRACHLORIDE		< MRL
25	BENZENE		< MRL
26	TRICHLOROETHENE		< MRL
27	1,2-DICHLOROPROPANE		< MRL
28	DIBROMOMETHANE		< MRL
29	BROMODICHLOROMETHANE		< MRL
30	2-CHLOROETHYL VINYL ETHE		< MRL
31	MIBK		< MRL
32	CIS-1,3-DICHLOROPROPENE		< MRL
33	TOLUENE		< MRL
34	TRANS-1,3-DICHLOROPROPE		< MRL
35	1,1,2-TRICHLOROETHANE		< MRL
36	TETRACHLOROETHENE		< MRL
37	1,3-DICHLOROPROPANE		< MRL
38	DIBROMOCHLOROMETHANE		< MRL
39	1,2-DIBROMOETHANE		< MRL
40	CHLOROBENZENE		< MRL
41	1,1,1,2-TETRACHLOROETHA		< MRL
42	2-HEXANONE		< MRL
43	ETHYLBENZENE		< MRL
44	P & M-XYLENE		< MRL
45	O-XYLENE		< MRL
46	STYRENE		< MRL
47	1,1,2,2-TETRACHLOROETHA		< MRL
48	BROMOFORM		< MRL

Reviewed by, 8/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:09:10

Sample: AE12738
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 6/4/02 00:02 Ended: 6/4/02 00:02 Analyst: BH
Result source: a:\0604b1.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604B1.D Vial: 1
Acq On : 4 Jun 2002 12:16 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 12:55 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

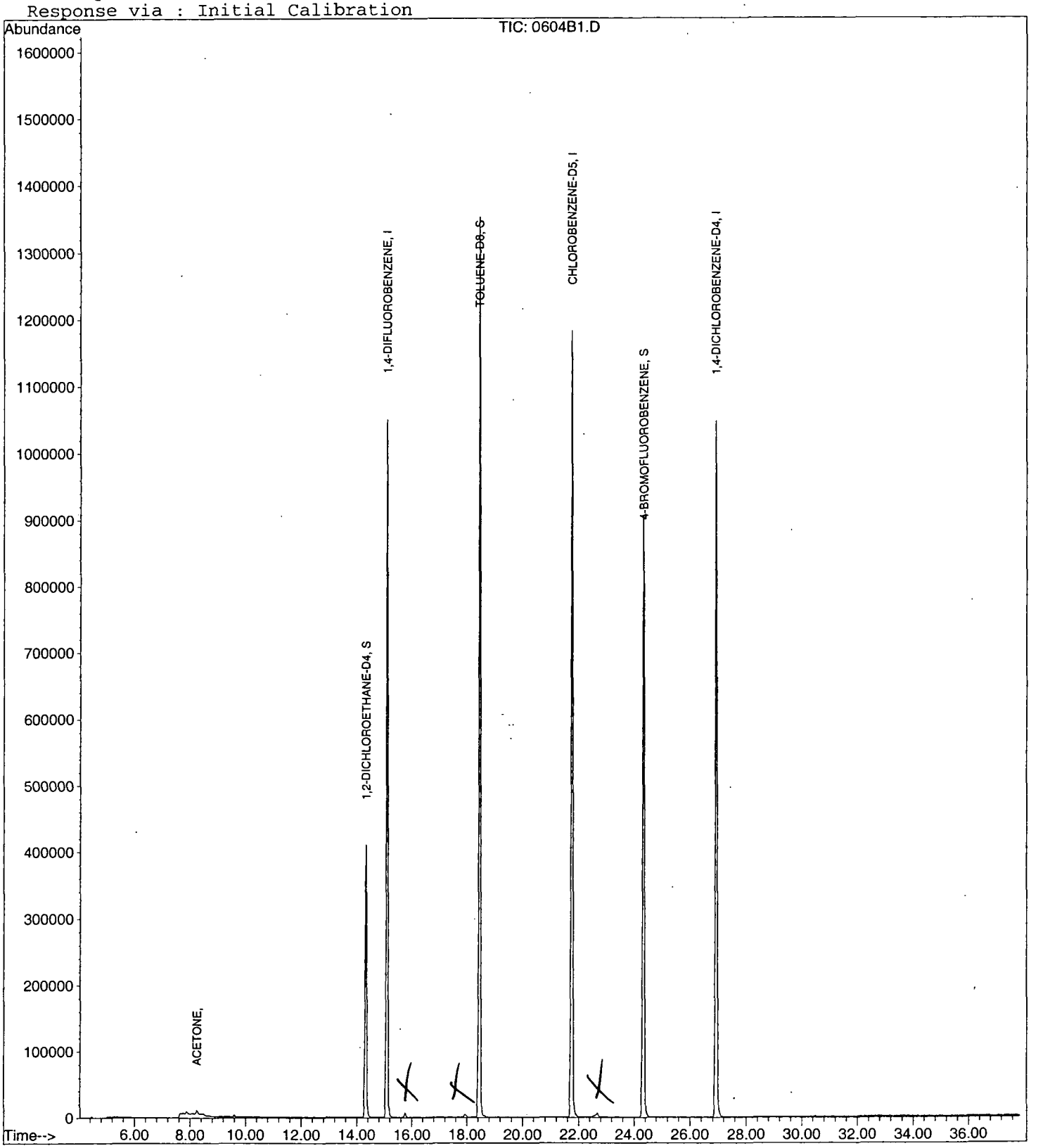
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1485750	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1362029	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	649571	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	624452	4.65	ug/L	-0.02
Spiked Amount 5.000			Recovery =	93.00%		
3) 4-BROMOFLUOROBENZENE	24.34	174	521052	4.41	ug/L	0.00
Spiked Amount 5.000			Recovery =	88.20%		
25) TOLUENE-D8	18.45	98	1770238	5.16	ug/L	-0.02
Spiked Amount 5.000			Recovery =	103.20%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	16865	1.09	ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june04\0604B1.D Vial: 1
Acq On : 4 Jun 2002 12:16 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 12:55 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02june04\0604B1.D Vial: 1
Acq On : 4 Jun 2002 12:16 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

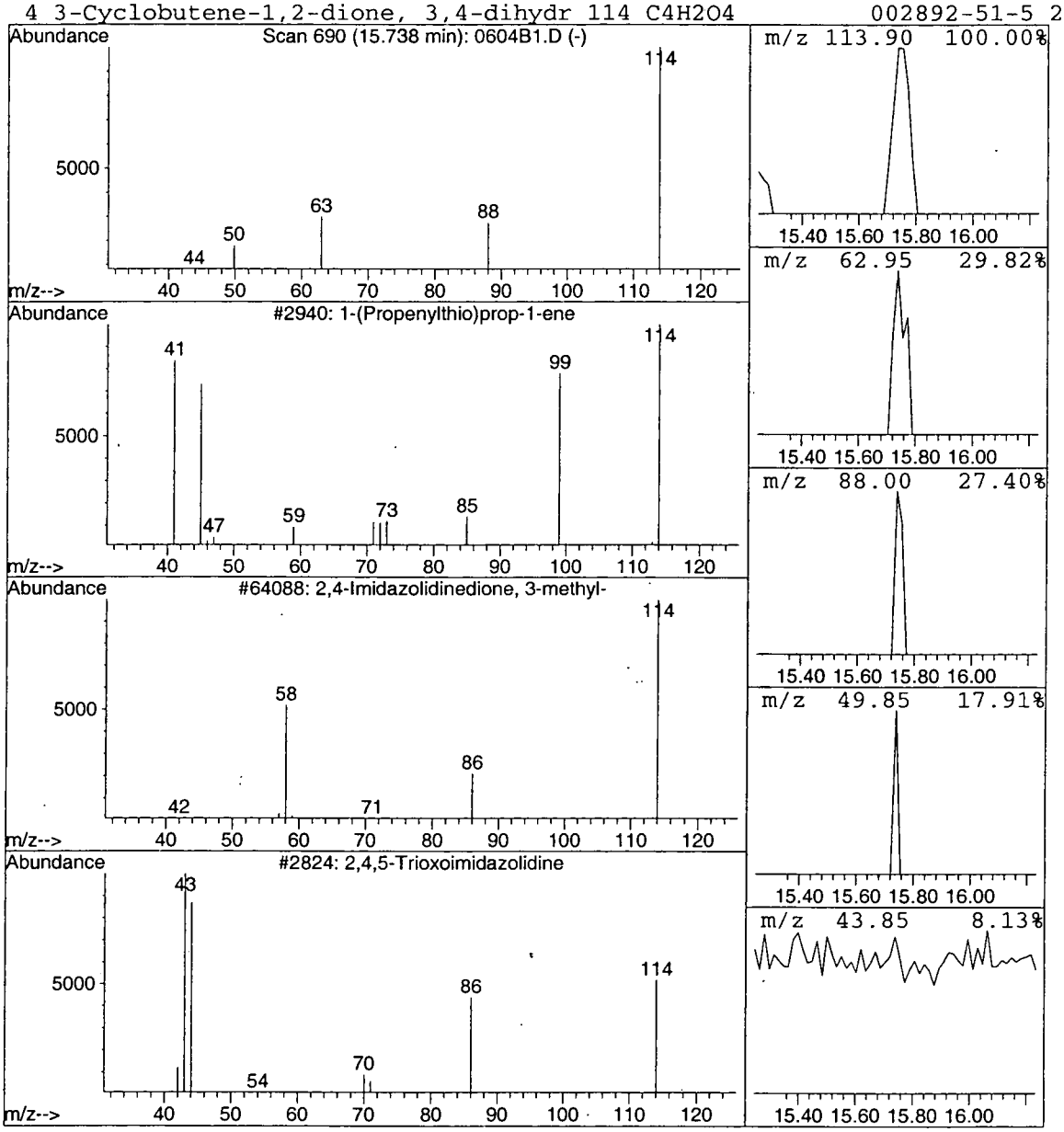
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	0.03 ug/L	22856	1,4-DIFLUOROBENZENE	15.09

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



Data File : C:\HPCHEM\1\DATA\02june04\0604B1.D Vial: 1
Acq On : 4 Jun 2002 12:16 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

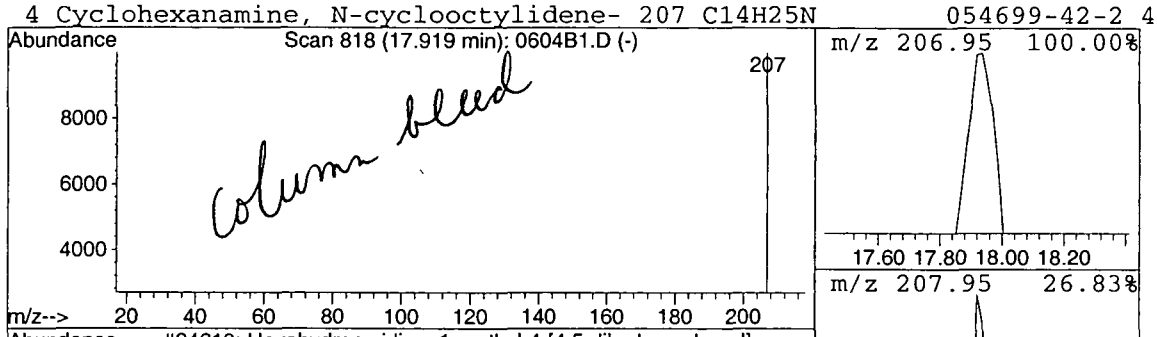
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

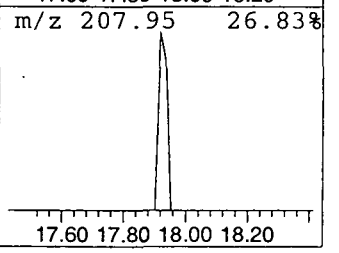
****

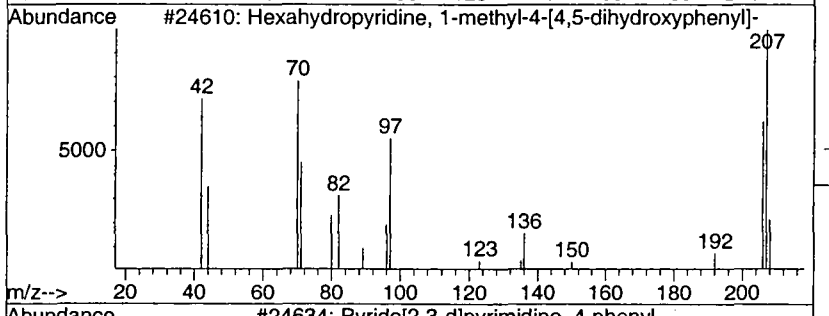
Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 3

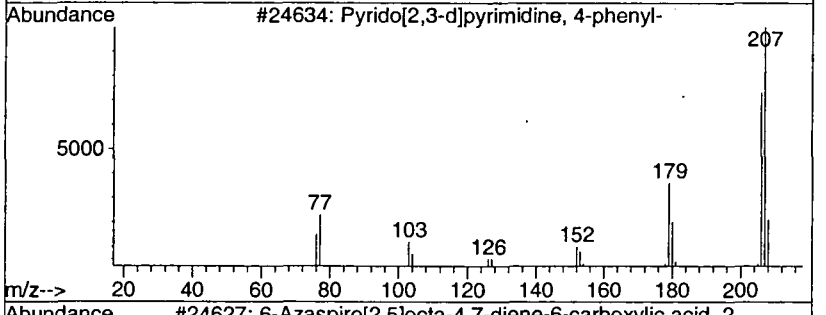
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	0.03 ug/L	20347	1,4-DIFLUOROBENZENE	15.09

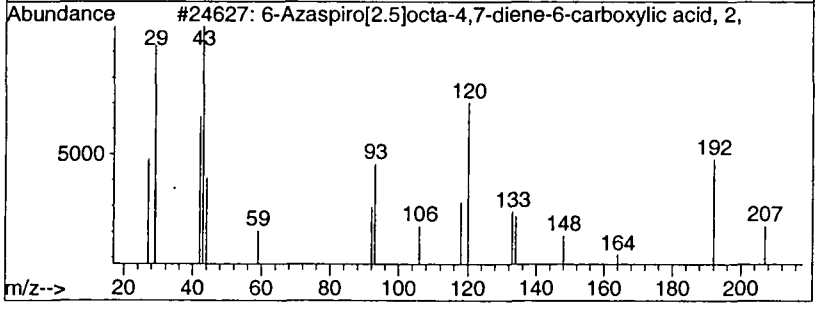
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	5
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	6-Azaspiro[2.5]octa-4,7-diene-6-car	207	C12H17NO2	034995-40-9	4
4	Cyclohexanamine, N-cyclooctylidene-	207	C14H25N	054699-42-2	4











Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\0604B1.D Vial: 1
Acq On : 4 Jun 2002 12:16 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

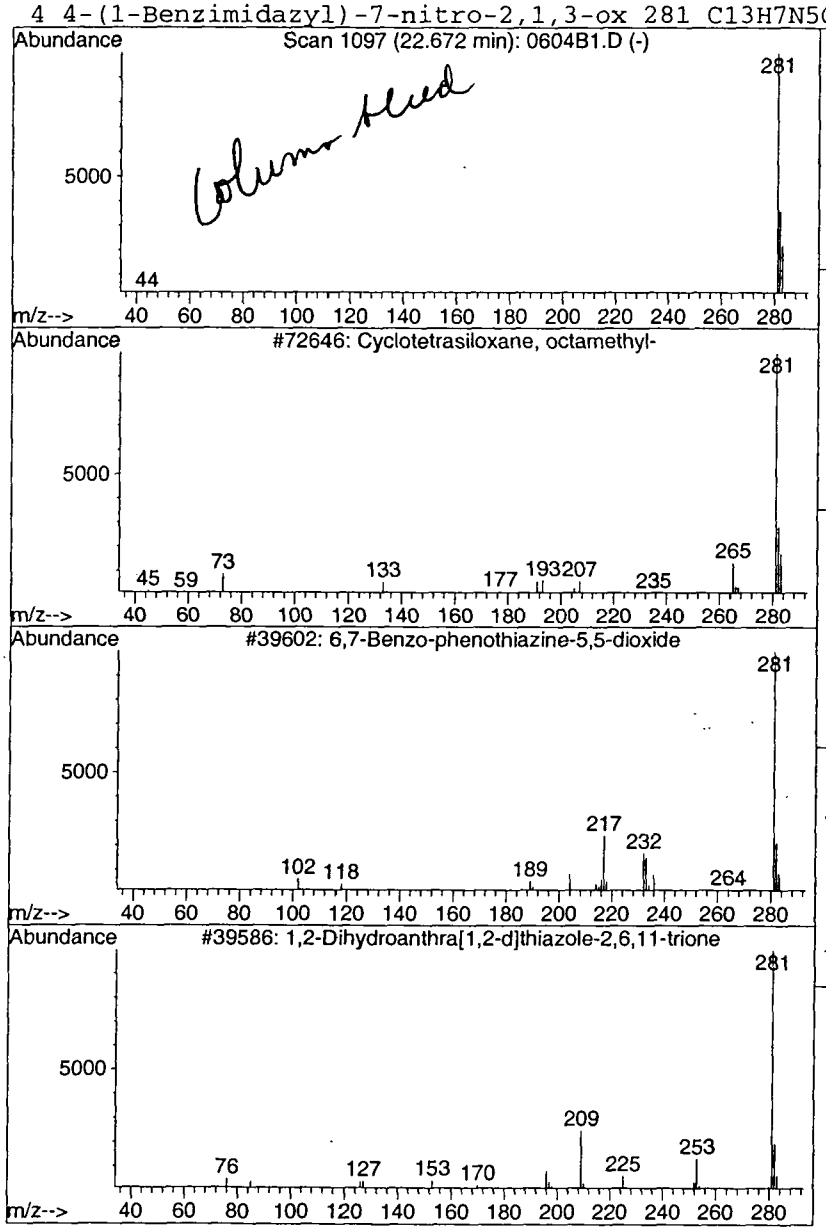
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

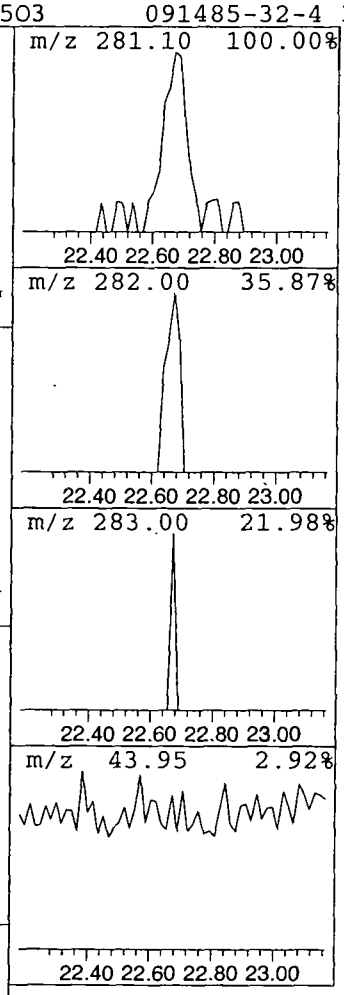
****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	0.04 ug/L	35364	CHLOROBENZENE-D5	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	4
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	3
3	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	3
4	4-(1-Benzimidazyl)-7-nitro-2,1,3-ox	281	C13H7N5O3	091485-32-4	3





User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 15:10:07

Sample: AE12738
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 6/4/2002 00:02 Ended: 6/4/2002 00:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.8	.5
2	Surr_4-BROMOFLUOROBENZE		4.7	.5
3	Dichlorodifluoromethane		10	.5
4	Chloromethane		8.9	.5
5	Vinyl chloride		12	.5
6	Bromomethane		12	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		13	.5
9	1,1-Dichloroethene		11	.5
10	Methylene Chloride		10	.5
11	Methyl tert-butyl ether		9.8	1.0
12	trans-1,2-dichloroethene		11	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		35	2.0
15	2,2-dichloropropane		9.8	.5
16	cis-1,2-dichloroethene		12	.5
17	Chloroform		11	.5
18	Bromochloromethane		9.9	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		12	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride		12	.5
24	Benzene		12	.5
25	Trichloroethene		12	.5
26	1,2-dichloropropane		11	.5
27	Dibromomethane		12	.5
28	Bromodichloromethane		12	.5
29	Methyl iso-butyl ketone		45	1.0
30	cis-1,3-dichloropropene		11	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		12	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		12	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene		12	.5
40	P & M-xylene		25	.5
41	O-xylene		12	.5
42	Styrene		12	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		13	2.0
45	Isopropylbenzene		13	.5
46	1,2,3-trichloropropane		12	.5
47	N-propylbenzene		12	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 15:10:07

Sample: AE12738
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 6/4/2002 00:02 Ended: 6/4/2002 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		13	.5
49	1,3,5-trimethylbenzene		13	.5
50	2-chlorotoluene		13	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		13	.5
53	1,2,4-trimethylbenzene		13	.5
54	SEC-butylbenzene		12	.5
55	P-isopropyltoluene		12	.5
56	1,3-dichlorobenzene		13	.5
57	1,4-dichlorobenzene		12	.5
58	N-butylbenzene		12	.5
59	1,2-dichlorobenzene		13	.5
60	1,2,4-trichlorobenzene		12	.5
61	Hexachlobutadiene		12	.5
62	Naphthalene		9.0	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene		180	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604C10.D Vial: 2
Acq On : 4 Jun 2002 12:59 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 13:37 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1360575	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1278905	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	632761	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	592687	4.82	ug/L	-0.02
Spiked Amount 5.000			Recovery = 96.40%			
3) 4-BROMOFLUOROBENZENE	24.34	174	503778	4.65	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.00%			
25) TOLUENE-D8	18.45	98	1686958	5.23	ug/L	-0.02
Spiked Amount 5.000			Recovery = 104.60%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	483603	9.96	ug/L	98
5) CHLOROMETHANE	5.35	50	674132	8.94	ug/L	97
6) VINYL CHLORIDE	5.59	62	453940	11.62	ug/L	98
7) BROMOMETHANE	6.56	94	248702	11.67	ug/L	99
8) CHLOROETHANE	6.71	64	376342	10.76	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.27	101	725289	12.53	ug/L	98
10) Isopropyl Alcohol	7.87	45	240756	190.95	ug/L	93
11) 1,1,2-Trichloro-1,2,2-trif	8.16	101	483694	10.90	ug/L	98
12) ACETONE	8.24	43	354778	24.99	ug/L	99
13) 1,1-DICHLOROETHENE	8.60	61	1049371	10.72	ug/L	97
14) METHYLENE CHLORIDE	9.61	49	918179	10.09	ug/L	94
15) METHYL TERT BUTYL ETHER	9.91	73	686308	9.76	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.27	61	1067460	10.62	ug/L	93
17) 1,1-DICHLOROETHANE	11.16	63	1184489	10.52	ug/L	98
18) 2-BUTANONE (MEK)	11.99	43	368655	34.70	ug/L	96
19) 2,2-DICHLOROPROPANE	12.38	77	823317	9.80	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.47	96	678320	11.50	ug/L	92
21) CHLOROFORM	12.81	83	1284788	11.10	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	491132	9.89	ug/L	90
23) 1,2-DICHLOROETHANE	14.53	62	858555	10.64	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.69	97	986339	11.92	ug/L	97
27) 1,1-DICHLOROPROPENE	14.02	75	922000	11.81	ug/L	98
28) CARBON TETRACHLORIDE	14.29	117	846107	12.25	ug/L	100
29) BENZENE	14.63	78	2253920	11.78	ug/L	100
30) TRICHLOROETHENE	15.91	95	694026	12.11	ug/L	97
31) 1,2-DICHLOROPROPANE	16.25	63	562510	11.18	ug/L	95
32) DIBROMOMETHANE	16.93	174	280648	12.12	ug/L	88
33) BROMODICHLOROMETHANE	16.78	83	842938	11.70	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	160201	10.78	ug/L	92
35) METHYL ISO-BUTYL KETONE	17.34	58	323457	45.42	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.87	75	755483	11.44	ug/L	99
37) TOLUENE	18.62	91	2411221	12.07	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.91	75	536558	11.34	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.28	97	347978	11.84	ug/L	98
40) TETRACHLOROETHENE	20.07	166	686304	12.45	ug/L	96
41) 1,3-DICHLOROPROPANE	19.81	76	648916	11.27	ug/L	99
42) DIBROMOCHLOROMETHANE	20.51	129	443907	12.40	ug/L	99
43) 1,2-DIBROMOETHANE	20.95	107	338682	11.62	ug/L	96
44) CHLOROBENZENE	21.84	112	1554083	12.29	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	525398	12.46	ug/L	98
46) 2-HEXANONE	19.18	43	590572	42.53	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604C10.D Vial: 2
Acq On : 4 Jun 2002 12:59 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 13:37 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

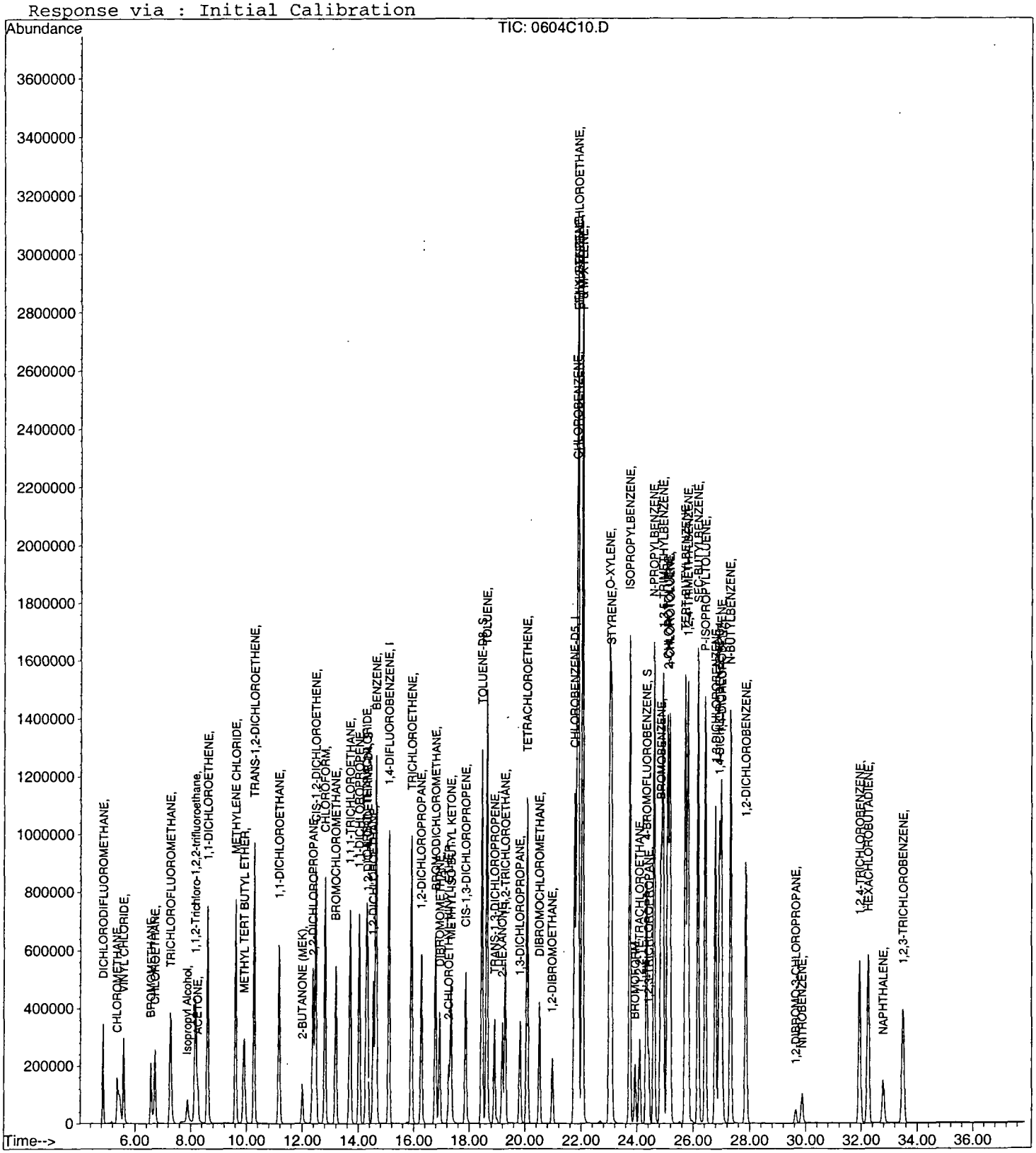
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	ETHYLBENZENE	21.87	91	2884714	12.12 ug/L	99
48)	P & M-XYLENE	22.04	106	1895066	24.63 ug/L	99
49)	O-XYLENE	23.01	91	2243355	12.21 ug/L	98
50)	STYRENE	23.07	104	1385405	12.26 ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	347168	11.28 ug/L	99
53)	BROMOFORM	23.93	173	200028	13.19 ug/L	99
54)	ISOPROPYLBENZENE	23.73	105	2481327	12.88 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	108216	12.38 ug/L	96
56)	N-PROPYLBENZENE	24.60	91	3114866	11.87 ug/L	99
57)	BROMOBENZENE	24.85	156	590042	13.04 ug/L	91
58)	1,3,5-TRIMETHYLBENZENE	24.92	105	2173678	12.71 ug/L	99
59)	2-CHLOROTOLUENE	25.09	91	2261161	12.82 ug/L	97
60)	4-CHLOROTOLUENE	25.16	91	1812643	10.28 ug/L	100
61)	TERT-BUTYLBENZENE	25.71	119	1953900	12.81 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	2227040	12.63 ug/L	99
63)	SEC-BUTYLBENZENE	26.17	105	2618396	12.32 ug/L	100
64)	P-ISOPROPYLTOLUENE	26.42	119	2010602	12.39 ug/L	97
65)	1,3-DICHLOROBENZENE	26.80	146	1093581	12.56 ug/L	96
66)	1,4-DICHLOROBENZENE	27.00	146	1096353	12.07 ug/L	98
67)	N-BUTYLBENZENE	27.31	91	2032469	11.66 ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	907836	12.52 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	40929	12.12 ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.94	180	526251	12.25 ug/L	98
71)	HEXACHLOROBUTADIENE	32.25	225	353084	12.13 ug/L	98
72)	NAPHTHALENE	32.78	128	357698	8.96 ug/L	96
73)	1,2,3-TRICHLOROBENZENE	33.49	180	403636	12.10 ug/L	94
74)	NITROBENZENE	29.86	77	154793	181.77 ug/L	92

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june04\0604C10.D Vial: 2
Acq On : 4 Jun 2002 12:59 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 13:37 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:19:15

Sample: AE12738
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 6/4/02 00:02 Ended: 6/4/02 00:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.7		
2	4-BROMOFLUOROBENZENE		4.6		
3	DICHLORODIFLUOROMETHAN		4.5		.5
4	CHLOROMETHANE		4.0		.5
5	VINYL CHLORIDE		6.1		.5
6	BROMOMETHANE		5.4		.5
7	CHLOROETHANE		5.1		.5
8	TRICHLOROFLUOROMETHAN		5.5		.5
9	ACETONE		16		.5
10	1,1-DICHLOROETHENE		3.8		.5
11	METHYLENE CHLORIDE		4.4		.5
12	METHYL TERT BUTYL ETHER		4.3		1
13	TRANS-1,2-DICHLOROETHEN		4.0		.5
14	1,1-DICHLOROETHANE		4.4		.5
15	2-BUTANONE (MEK)		12		.5
16	2,2-DICHLOROPROPANE		4.4		.5
17	CIS-1,2-DICHLOROETHENE		3.9		.5
18	CHLOROFORM		3.9		.5
19	BROMOCHLOROMETHANE		3.5		.5
20	1,2-DICHLOROETHANE		3.8		.5
21	TOLUENE-D8		5.2		
22	1,1,1-TRICHLOROETHANE		3.9		.5
23	1,1-DICHLOROPROPENE		3.7		.5
24	CARBON TETRACHLORIDE		3.9		.5
25	BENZENE		4.1		.5
26	TRICHLOROETHENE		4.3		.5
27	1,2-DICHLOROPROPANE		4.2		.5
28	DIBROMOMETHANE		4.5		.5
29	BROMODICHLOROMETHANE		4.4		.5
30	2-CHLOROETHYL VINYL ETHE		4.4		.5
31	METHYL ISO-BUTYL KETONE		16		1
32	CIS-1,3-DICHLOROPROPENE		4.1		.5
33	TOLUENE		4.7		.5
34	TRANS-1,3-DICHLOROPROPE		4.4		.5
35	1,1,2-TRICHLOROETHANE		4.9		.5
36	TETRACHLOROETHENE		4.7		.5
37	1,3-DICHLOROPROPANE		4.5		.5
38	DIBROMOCHLOROMETHANE		4.7		2
39	1,2-DIBROMOETHANE		4.4		.5
40	CHLOROBENZENE		5.0		.5
41	1,1,1,2-TETRACHLOROETHA		5.1		.5
42	2-HEXANONE		16		.5
43	ETHYLBENZENE		5.0		.5
44	P & M-XYLENE		10		.5
45	O-XYLENE		5.1		.5
46	STYRENE		5.3		.5
47	1,1,2,2-TETRACHLOROETHA		5.0		.5
48	BROMOFORM		4.7		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:19:15

Sample: AE12738
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 6/4/02 00:02 Ended: 6/4/02 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		5.1		.5
51	N-PROPYLBENZENE		4.9		.5
52	BROMOBENZENE		5.3		.5
53	1,3,5-TRIMETHYLBENZENE		5.3		.5
54	2-CHLOROTOLUENE		5.5		.5
55	4-CHLOROTOLUENE		4.4		.5
56	TERT-BUTYLBENZENE		5.4		.5
57	1,2,4-TRIMETHYLBENZENE		5.3		.5
58	SEC-BUTYLBENZENE		5.4		.5
59	P-ISOPROPYLTOLUENE		5.6		.5
60	1,3-DICHLOROBENZENE		5.5		.5
61	1,4-DICHLOROBENZENE		5.4		.5
62	N-BUTYLBENZENE		5.5		.5
63	1,2-DICHLOROBENZENE		5.5		.5
64	1,2-DIBROMO-3-CHLOROPRO		4.5		.5
65	1,2,4-TRICHLOROBENZENE		5.3		.5
66	HEXACHLOROBUTADIENE		5.8		.5
67	NAPHTHALENE		4.7		.5
68	1,2,3-TRICHLOROBENZENE		5.3		.5
69	ETHANOL		< MRL		30
70	NITROBENZENE		86		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:18:19

Sample: AE12738
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 6/6/02 15:13 Ended: 6/6/02 15:13 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		4.6		.5
3	Dichlorodifluoromethane		90		.5
4	Chloromethane		80		.5
5	Vinyl chloride		122		.5
6	Bromomethane		108		.5
7	Chloroethane		102		.5
8	Trichlorofluoromethane		110		.5
9	1,1-Dichloroethene		76		.5
10	Methylene Chloride		88		.5
11	Methyl tert butyl ether		86		1.0
12	trans-1,2-dichloroethene		80		.5
13	1,1-dichloroethane		88		.5
14	2-butanone (MEK)		60		2.0
15	2,2-dichloropropane		88		.5
16	cis-1,2-dichloroethene		78		.5
17	Chloroform		78		.5
18	Bromochloromethane		70		.5
19	1,2-dichloroethane		76		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1-trichloroethane		78		.5
22	1,1-dichloropropene		74		.5
23	Carbon tetrachloride		78		.5
24	Benzene		82		.5
25	Trichloroethene		86		.5
26	1,2-dichloropropane		84		.5
27	Dibromomethane		90		.5
28	Bromodichloromethane		88		.5
29	Methyl iso-butyl ketone		80		1.0
30	cis-1,3-dichloropropene		82		.5
31	Toluene		94		.5
32	trans-1,3-dichloropropene		88		.5
33	1,1,2-trichloroethane		98		.5
34	Tetrachloroethene		94		.5
35	1,3-dichloropropane		90		.5
36	Dibromochloromethane		94		2.0
37	Chlorobenzene		100		.5
38	1,1,1,2-tetrachloroethane		102		.5
39	Ethylbenzene		100		.5
40	P & M-xylene		100		.5
41	O-xylene		102		.5
42	Styrene		106		.5
43	1,1,2,2-tetrachloroethane		100		.5
44	Bromoform		94		2.0
45	Isopropylbenzene		102		.5
46	1,2,3-trichloropropane		102		.5
47	N-propylbenzene		98		.5
48	Bromobenzene		106		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:18:19

Sample: AE12738
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 6/6/02 15:13 Ended: 6/6/02 15:13 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		106		.5
50	2-chlorotoluene		110		.5
51	4-chlorotoluene		88		.5
52	TERT-butylbenzene		108		.5
53	1,2,4-trimethylbenzene		106		.5
54	SEC-butylbenzene		108		.5
55	P-isopropyltoluene		112		.5
56	1,3-dichlorobenzene		110		.5
57	1,4-dichlorobenzene		108		.5
58	N-butylbenzene		110		.5
59	1,2-dichlorobenzene		110		.5
60	1,2,4-trichlorobenzene		106		.5
61	Hexachlorobutadiene		116		.5
62	Naphthalene		94		.5
63	1,2,3-trichlorobenzene		106		.5
64	Ethanol		< MRL		
66	Nitrobenzene		86		5.0

Data File : C:\HPCHEM\1\DATA\02june04\0604R5.D Vial: 4
Acq On : 4 Jun 2002 2:31 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 15:10 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1660795	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1551366	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	802358	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	698311	4.65	ug/L	-0.02
Spiked Amount 5.000			Recovery = 93.00%			
3) 4-BROMOFLUOROBENZENE	24.34	174	610999	4.62	ug/L	0.00
Spiked Amount 5.000			Recovery = 92.40%			
25) TOLUENE-D8	18.45	98	2040688	5.22	ug/L	-0.02
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	266012	4.49	ug/L	97
5) CHLOROMETHANE	5.37	50	371031	4.03	ug/L	100
6) VINYL CHLORIDE	5.60	62	289816	6.08	ug/L	95
7) BROMOMETHANE	6.58	94	141121	5.43	ug/L	98
8) CHLOROETHANE	6.71	64	217752	5.10	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.26	101	391417	5.54	ug/L	99
10) Isopropyl Alcohol	7.87	45	32652614	21216.47	ug/L	97
12) ACETONE	8.24	43	284030	16.39	ug/L	97
13) 1,1-DICHLOROETHENE	8.60	61	338266	2.83	ug/L	99
14) METHYLENE CHLORIDE	9.61	49	366456	3.30	ug/L	93
15) METHYL TERT BUTYL ETHER	9.91	73	272868	3.18	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.27	61	366768	2.99	ug/L	95
17) 1,1-DICHLOROETHANE	11.16	63	458728	3.34	ug/L	98
18) 2-BUTANONE (MEK)	11.99	43	152191	11.73	ug/L	100
19) 2,2-DICHLOROPROPANE	12.38	77	349277	3.40	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.47	96	278676	3.87	ug/L	90
21) CHLOROFORM	12.81	83	549028	3.89	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	210921	3.48	ug/L	88
23) 1,2-DICHLOROETHANE	14.53	62	379215	3.85	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.69	97	390252	3.89	ug/L	100
27) 1,1-DICHLOROPROPENE	14.02	75	350859	3.70	ug/L	97
28) CARBON TETRACHLORIDE	14.29	117	327561	3.91	ug/L	98
29) BENZENE	14.63	78	951942	4.10	ug/L	98
30) TRICHLOROETHENE	15.89	95	296038	4.26	ug/L	99
31) 1,2-DICHLOROPROPANE	16.25	63	253863	4.16	ug/L	98
32) DIBROMOMETHANE	16.93	174	125553	4.47	ug/L	87
33) BROMODICHLOROMETHANE	16.78	83	386213	4.42	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	58872	3.26	ug/L	90
35) METHYL ISO-BUTYL KETONE	17.34	58	139608	16.16	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.87	75	332112	4.14	ug/L	99
37) TOLUENE	18.62	91	1133109	4.68	ug/L	96
38) TRANS-1,3-DICHLOROPROPENE	18.91	75	254685	4.44	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.28	97	173144	4.86	ug/L	98
40) TETRACHLOROETHENE	20.07	166	315292	4.71	ug/L	97
41) 1,3-DICHLOROPROPANE	19.81	76	312859	4.48	ug/L	99
42) DIBROMOCHLOROMETHANE	20.51	129	204826	4.72	ug/L	93
43) 1,2-DIBROMOETHANE	20.97	107	153955	4.35	ug/L	92
44) CHLOROBENZENE	21.84	112	772486	5.04	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	258646	5.06	ug/L	97
46) 2-HEXANONE	19.18	43	262733	15.60	ug/L	96
47) ETHYLBENZENE	21.87	91	1447619	5.01	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604R5.D Vial: 4
Acq On : 4 Jun 2002 2:31 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 15:10 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

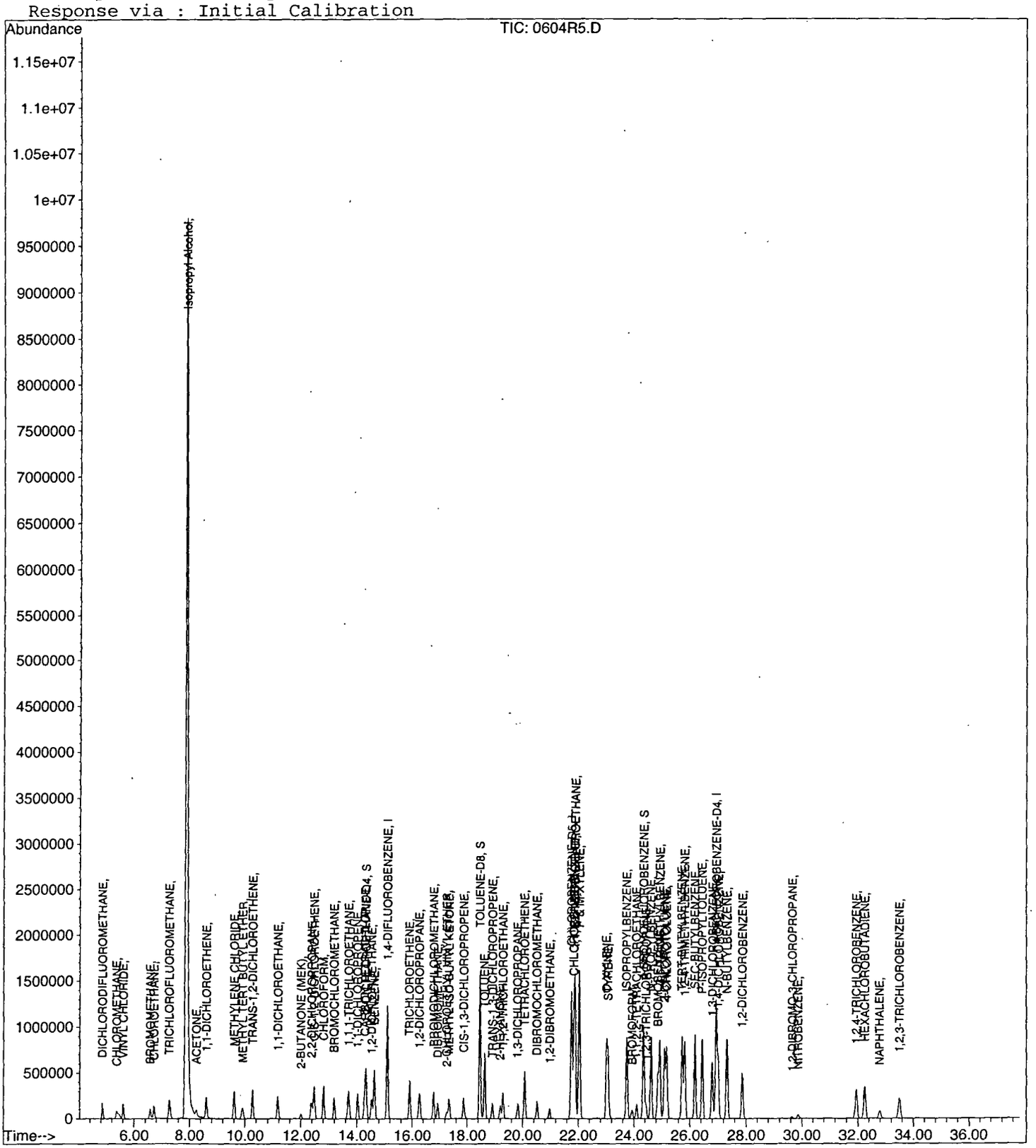
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.04	106	969545	10.39 ug/L	97
49)	O-XYLENE	23.01	91	1130569	5.07 ug/L	96
50)	STYRENE	23.06	104	726900	5.30 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	187300	5.02 ug/L	98
53)	BROMOFORM	23.93	173	91145	4.74 ug/L	97
54)	ISOPROPYLBENZENE	23.73	105	1239897	5.07 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.43	110	56291	5.08 ug/L	97
56)	N-PROPYLBENZENE	24.60	91	1628576	4.89 ug/L	99
57)	BROMOBENZENE	24.85	156	305046	5.31 ug/L	93
58)	1,3,5-TRIMETHYLBENZENE	24.92	105	1159247	5.35 ug/L	99
59)	2-CHLOROTOLUENE	25.09	91	1220906	5.46 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	993668	4.44 ug/L	99
61)	TERT-BUTYLBENZENE	25.71	119	1037064	5.36 ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	1195856	5.35 ug/L	99
63)	SEC-BUTYLBENZENE	26.17	105	1442448	5.35 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.42	119	1155399	5.61 ug/L	100
65)	1,3-DICHLOROBENZENE	26.80	146	612512	5.55 ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	620574	5.39 ug/L	99
67)	N-BUTYLBENZENE	27.31	91	1212102	5.48 ug/L	100
68)	1,2-DICHLOROBENZENE	27.85	146	504440	5.49 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	19445	4.54 ug/L	91
70)	1,2,4-TRICHLOROBENZENE	31.94	180	290509	5.33 ug/L	100
71)	HEXACHLOROBUTADIENE	32.25	225	215357	5.84 ug/L	96
72)	NAPHTHALENE	32.78	128	209851	4.73 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.49	180	224039	5.29 ug/L	96
74)	NITROBENZENE	29.86	77	70730	68.81 ug/L	93

(#) = qualifier out of range (m) = manual integration
0604R5.D HP052902.M Tue Jun 04 15:10:19 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june04\0604R5.D Vial: 4
Acq On : 4 Jun 2002 2:31 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 15:10 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604R5A.D Vial: 6
Acq On : 4 Jun 2002 4:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 17:35 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1470662	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1399236	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	694686	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	635461	4.78	ug/L	-0.02
Spiked Amount 5.000			Recovery = 95.60%			
3) 4-BROMOFLUOROBENZENE	24.34	174	544824	4.65	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.00%			
25) TOLUENE-D8	18.45	98	1818543	5.16	ug/L	-0.02
Spiked Amount 5.000			Recovery = 103.20%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	245238	4.67	ug/L	99
5) CHLOROMETHANE	5.37	50	364878	4.48	ug/L	99
6) VINYL CHLORIDE	5.60	62	267844	6.34	ug/L	97
7) BROMOMETHANE	6.58	94	145129	6.30	ug/L	100
8) CHLOROETHANE	6.71	64	219086	5.80	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.28	101	381304	6.09	ug/L	97
10) Isopropyl Alcohol	7.87	45	36084813	26477.85	ug/L	94
12) ACETONE	8.24	43	666598	43.44	ug/L	98
13) 1,1-DICHLOROETHENE	8.60	61	400044	3.78	ug/L	98
14) METHYLENE CHLORIDE	9.60	49	432083	4.39	ug/L	97
15) METHYL TERT BUTYL ETHER	9.91	73	328059	4.31	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.27	61	429433	3.95	ug/L	96
17) 1,1-DICHLOROETHANE	11.17	63	531759	4.37	ug/L	98
18) 2-BUTANONE (MEK)	11.99	43	181686	15.82	ug/L	97
19) 2,2-DICHLOROPROPANE	12.38	77	397205	4.37	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.47	96	323992	5.08	ug/L	92
21) CHLOROFORM	12.81	83	631663	5.05	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	240582	4.48	ug/L	95
23) 1,2-DICHLOROETHANE	14.53	62	441152	5.06	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.71	97	446882	4.94	ug/L	99
27) 1,1-DICHLOROPROPENE	14.03	75	410503	4.81	ug/L	95
28) CARBON TETRACHLORIDE	14.29	117	370514	4.90	ug/L	98
29) BENZENE	14.63	78	1121204	5.36	ug/L	99
30) TRICHLOROETHENE	15.91	95	339471	5.41	ug/L	96
31) 1,2-DICHLOROPROPANE	16.27	63	298049	5.41	ug/L	98
32) DIBROMOMETHANE	16.93	174	144064	5.68	ug/L	96
33) BROMODICHLOROMETHANE	16.78	83	445844	5.66	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	71885	4.42	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.34	58	164198	21.07	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.87	75	394905	5.46	ug/L	99
37) TOLUENE	18.63	91	1296428	5.93	ug/L	94
38) TRANS-1,3-DICHLOROPROPENE	18.91	75	297404	5.74	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.28	97	200188	6.22	ug/L	99
40) TETRACHLOROETHENE	20.08	166	358039	5.94	ug/L	99
41) 1,3-DICHLOROPROPANE	19.83	76	361182	5.74	ug/L	99
42) DIBROMOCHLOROMETHANE	20.51	129	235378	6.01	ug/L	96
43) 1,2-DIBROMOETHANE	20.97	107	183993	5.77	ug/L	97
44) CHLOROBENZENE	21.84	112	877448	6.34	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	293641	6.37	ug/L	98
46) 2-HEXANONE	19.18	43	302477	19.91	ug/L	96
47) ETHYLBENZENE	21.87	91	1624624	6.24	ug/L	99

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

Data File : C:\HPCHEM\1\DATA\02june04\0604R5A.D Vial: 6
Acq On : 4 Jun 2002 4:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 17:35 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

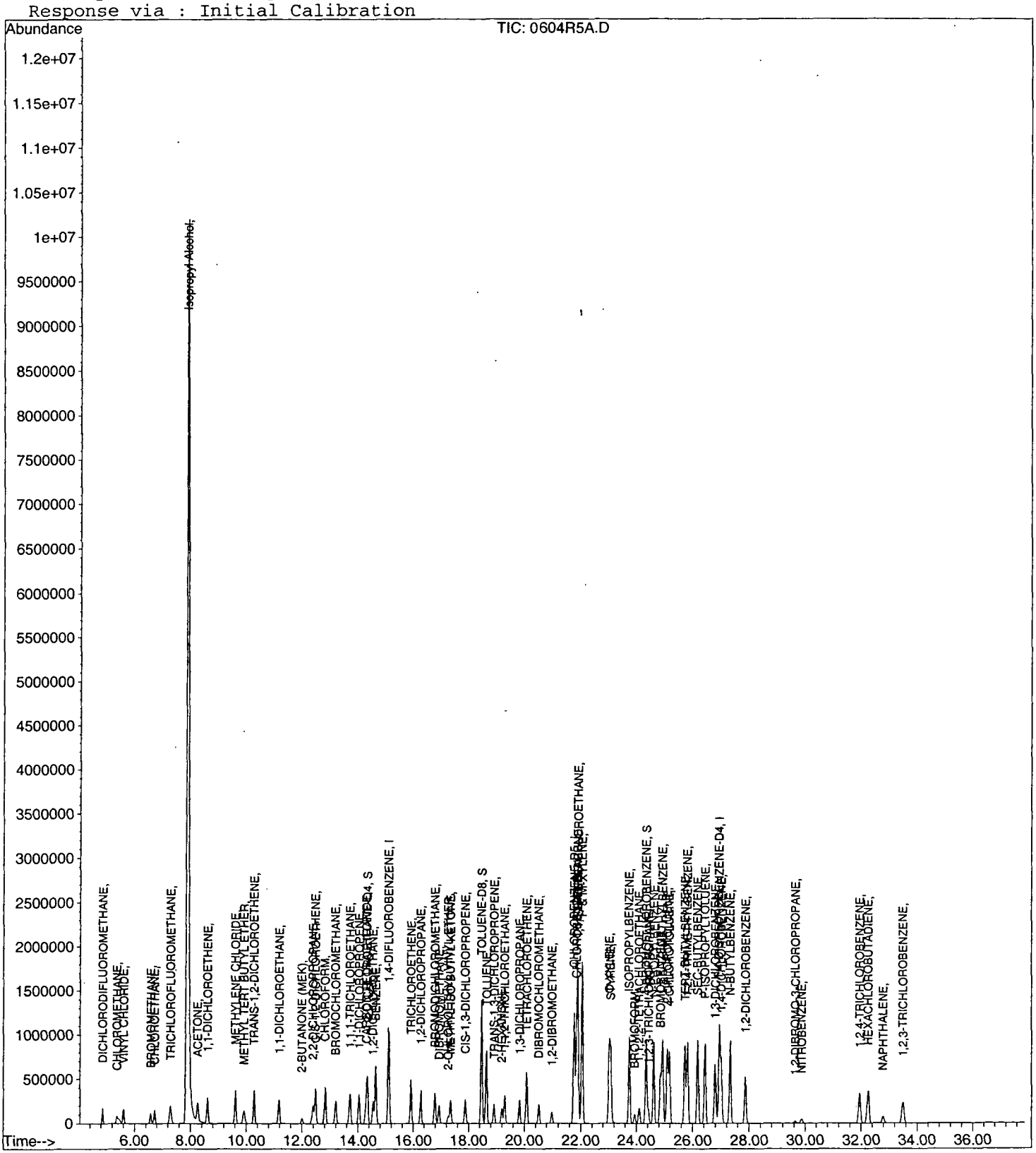
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.04	106	1071815	12.73 ug/L	97
49)	O-XYLENE	23.01	91	1253194	6.23 ug/L	99
50)	STYRENE	23.06	104	802206	6.49 ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	208871	6.21 ug/L	100
53)	BROMOFORM	23.93	173	101279	6.08 ug/L	97
54)	ISOPROPYLBENZENE	23.73	105	1392936	6.58 ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.43	110	63659	6.63 ug/L	97
56)	N-PROPYLBENZENE	24.61	91	1761551	6.11 ug/L	98
57)	BROMOBENZENE	24.85	156	341374	6.87 ug/L	92
58)	1,3,5-TRIMETHYLBENZENE	24.92	105	1254513	6.68 ug/L	98
59)	2-CHLOROTOLUENE	25.09	91	1273455	6.58 ug/L	100
60)	4-CHLOROTOLUENE	25.16	91	1104423	5.70 ug/L	99
61)	TERT-BUTYLBENZENE	25.72	119	1101864	6.58 ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	1276792	6.60 ug/L	100
63)	SEC-BUTYLBENZENE	26.17	105	1525745	6.54 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.44	119	1238386	6.95 ug/L	98
65)	1,3-DICHLOROBENZENE	26.80	146	645345	6.75 ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	648802	6.50 ug/L	99
67)	N-BUTYLBENZENE	27.32	91	1294458	6.77 ug/L	99
68)	1,2-DICHLOROBENZENE	27.87	146	530104	6.66 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	21882	5.90 ug/L	97
70)	1,2,4-TRICHLOROBENZENE	31.94	180	308013	6.53 ug/L	98
71)	HEXACHLOROBUTADIENE	32.25	225	228288	7.15 ug/L	95
72)	NAPHTHALENE	32.78	128	183281	4.76 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.49	180	237442	6.48 ug/L	97
74)	NITROBENZENE	29.86	77	77407	86.31 ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june04\0604R5A.D Vial: 6
Acq On : 4 Jun 2002 4:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 17:35 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604B4.D Vial: 7
Acq On : 4 Jun 2002 5:40 pm Operator: 201-wb
Sample : Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 18:18 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.11
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.75
52) 1,4-DICHLOROBENZENE-D4	26.97	152	1605	5.00	ug/L	0.03
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%		

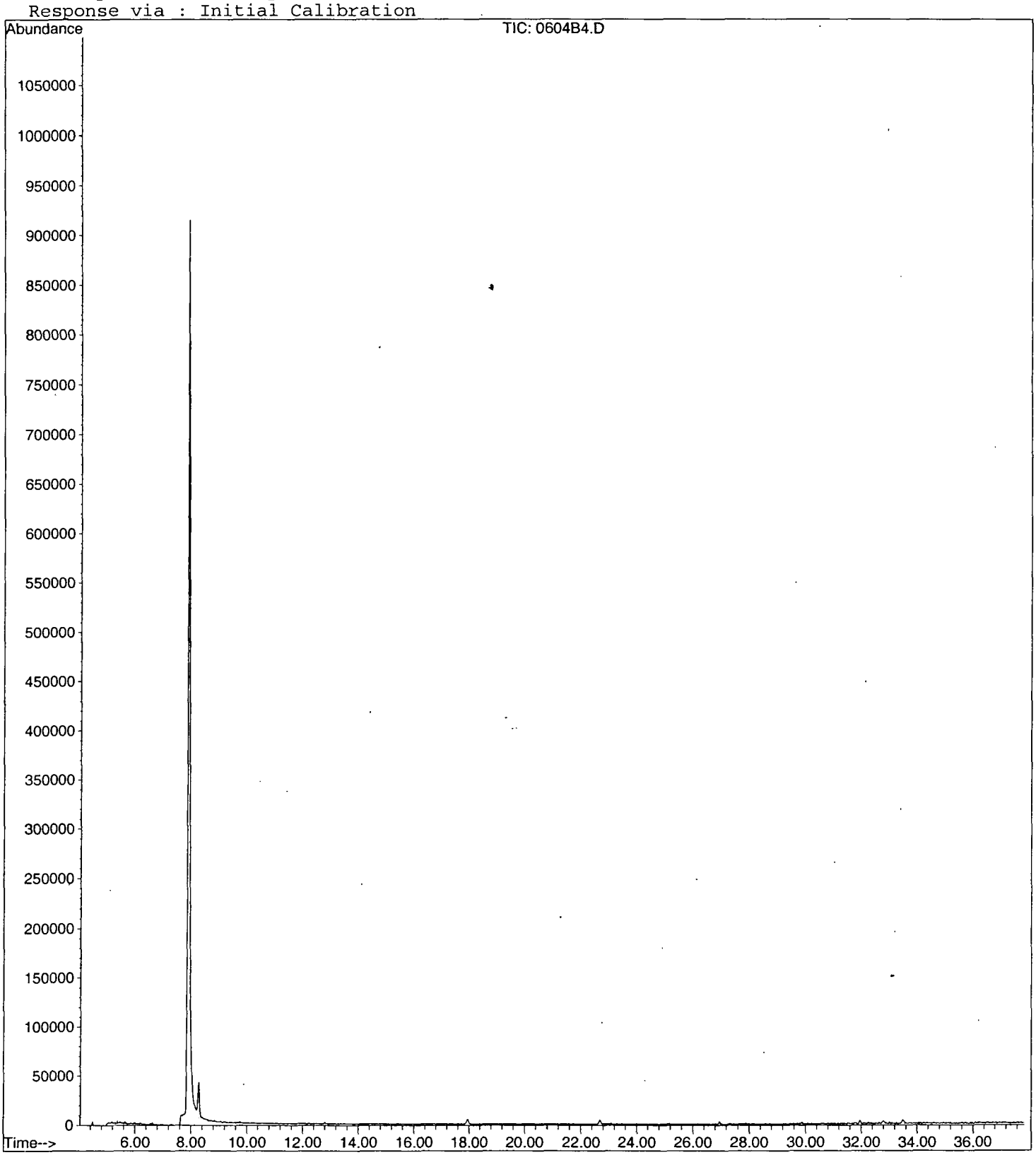
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
0604B4.D HP052902.M Tue Jun 04 18:18:27 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june04\0604B4.D Vial: 7
Acq On : 4 Jun 2002 5:40 pm Operator: 201-wb
Sample : Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 18:18 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:13:42

Sample: AE12738
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 6/4/02 00:06 Ended: 6/4/02 00:06 Analyst: BH
Result source: a:\12738a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	0.5
3	Dichlorodifluoromethane		< MRL	0.5
4	Chloromethane		< MRL	0.5
5	Vinyl chloride		< MRL	0.5
6	Bromomethane		< MRL	0.5
7	Chloroethane		< MRL	0.5
8	Trichlorofluoromethane		< MRL	0.5
9	1,1-Dichloroethene		< MRL	0.5
10	Methylene Chloride		< MRL	0.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	0.5
13	1,1-dichloroethane		< MRL	0.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	0.5
16	cis-1,2-dichloroethene		< MRL	0.5
17	*THM-Chloroform		< MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MRL	0.5
22	1,1-dichloropropene		< MRL	0.5
23	Carbon tetrachloride		< MRL	0.5
24	Benzene		< MRL	0.5
25	Trichloroethene		< MRL	0.5
26	1,2-dichloropropane		< MRL	0.5
27	Dibromomethane		< MRL	0.5
28	*THM-Bromodichloromethane		< MRL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	0.5
31	Toluene		< MRL	0.5
32	trans-1,3-dichloropropene		< MRL	0.5
33	1,1,2-trichloroethane		< MRL	0.5
34	Tetrachloroethene		< MRL	0.5
35	1,3-dichloropropane		< MRL	0.5
36	*THM-Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	0.5
38	1,1,1,2-tetrachloroethane		< MRL	0.5
39	Ethylbenzene		< MRL	0.5
40	P & M-xylene		< MRL	0.5
41	O-xylene		< MRL	0.5
42	Styrene		< MRL	0.5
43	1,1,2,2-tetrachloroethane		< MRL	0.5
44	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	0.5
46	1,2,3-trichloropropane		< MRL	0.5
47	N-propylbenzene		< MRL	0.5
48	Bromobenzene		< MRL	0.5

REVIEWED BY AT
DATE 6/7/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:13:42

Sample: AE12738
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 6/4/02 00:06 Ended: 6/4/02 00:06 Analyst: BH
Result source: a:\12738a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\12738A.D Vial: 8
Acq On : 4 Jun 2002 6:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 19:01 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

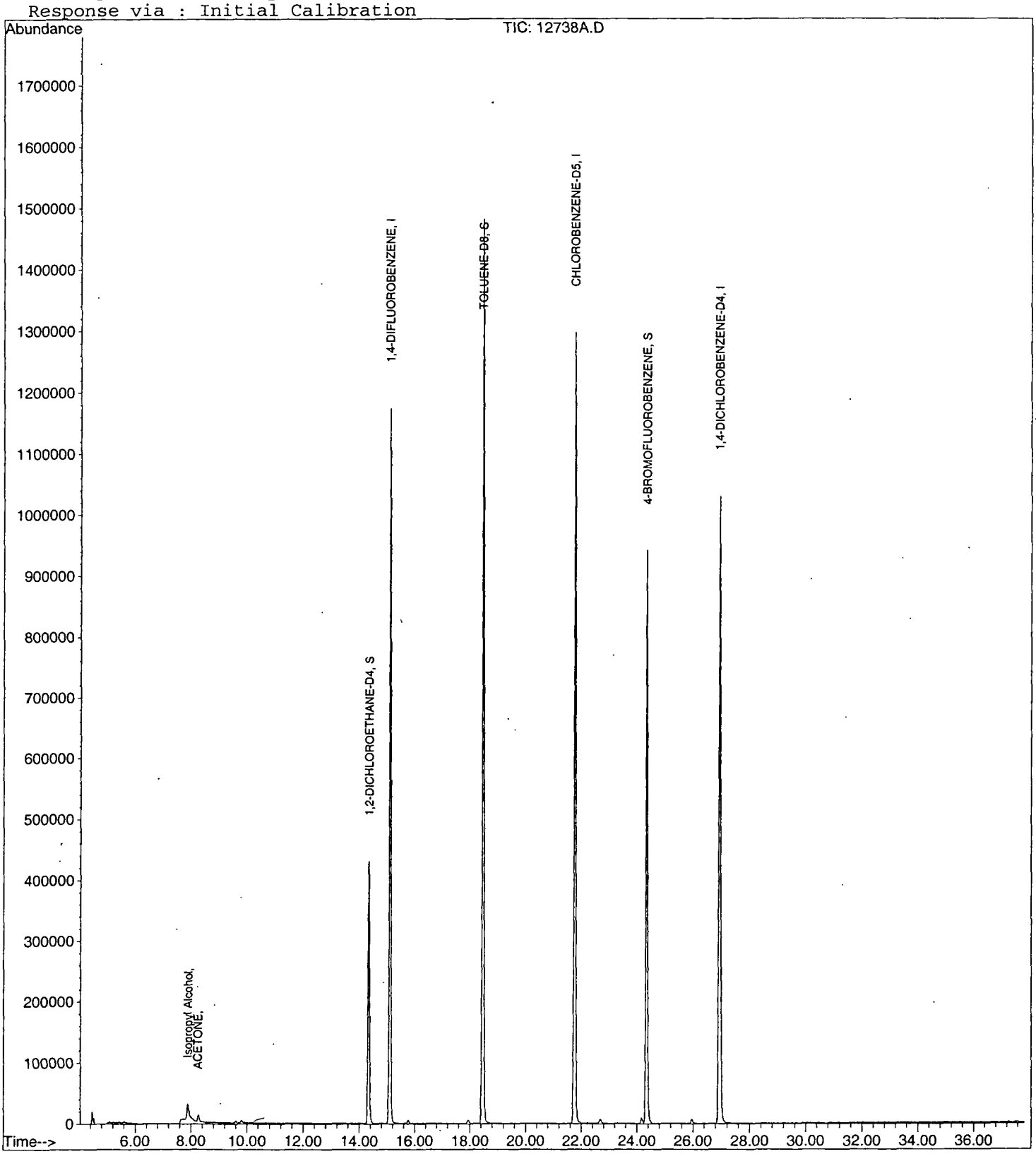
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1559434	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1434821	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	645227	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	676761	4.80	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.00%			
3) 4-BROMOFLUOROBENZENE	24.34	174	522888	4.21	ug/L	0.00
Spiked Amount 5.000			Recovery = 84.20%			
25) TOLUENE-D8	18.45	98	1903213	5.26	ug/L	-0.02
Spiked Amount 5.000			Recovery = 105.20%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.88	45	88464	61.22	ug/L	84
12) ACETONE	8.24	43	35015	2.15	ug/L	99

lab cont

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

Data File : C:\HPCHEM\1\DATA\02june04\12738A.D Vial: 8
Acq On : 4 Jun 2002 6:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 19:01 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\12738A.D Vial: 8
Acq On : 4 Jun 2002 6:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

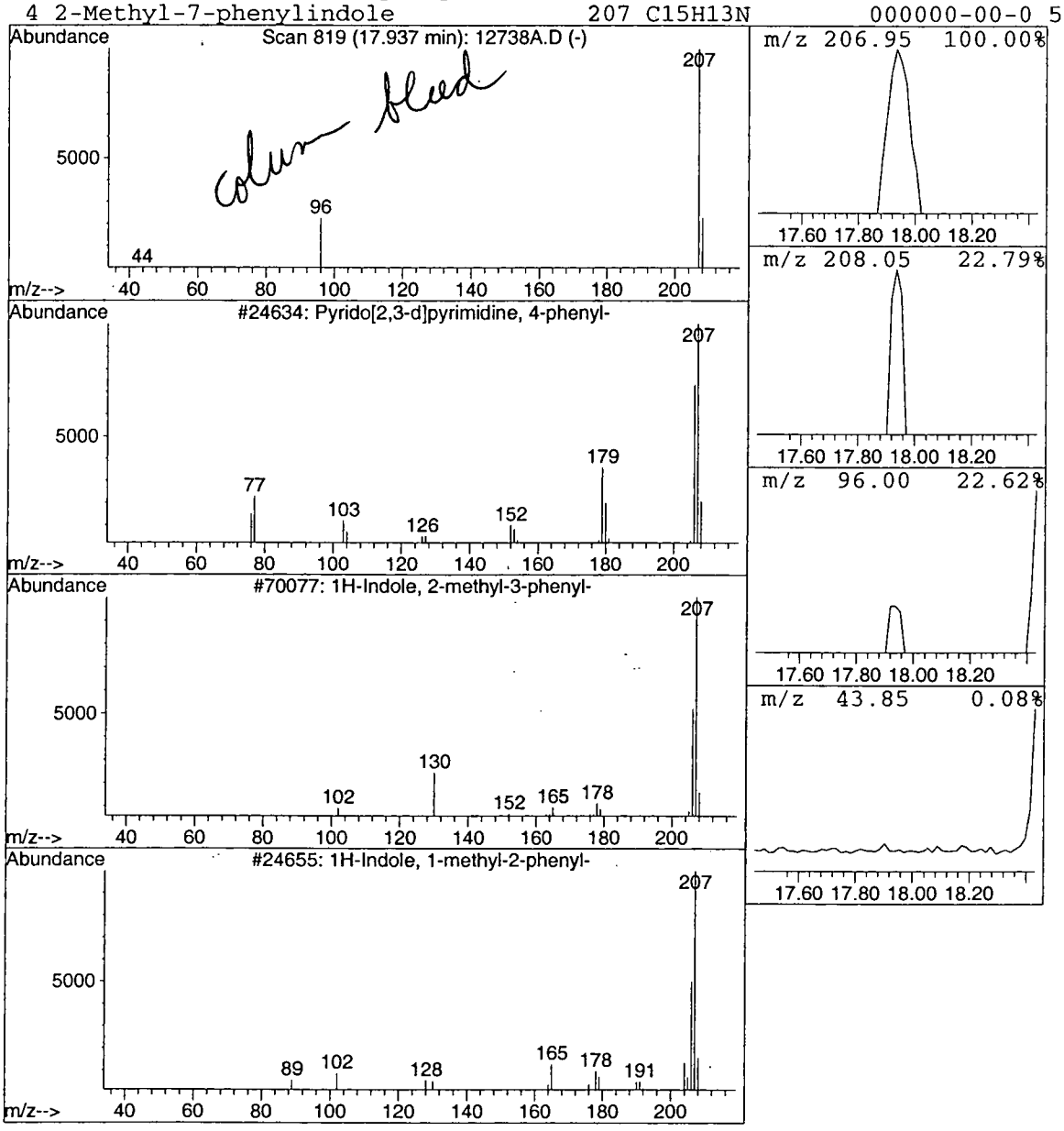
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pyrido[2,3-d]pyrimidine, 4-phe Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	0.03 ug/L	25398	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
2	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	5
4	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\12738A.D Vial: 8
Acq On : 4 Jun 2002 6:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

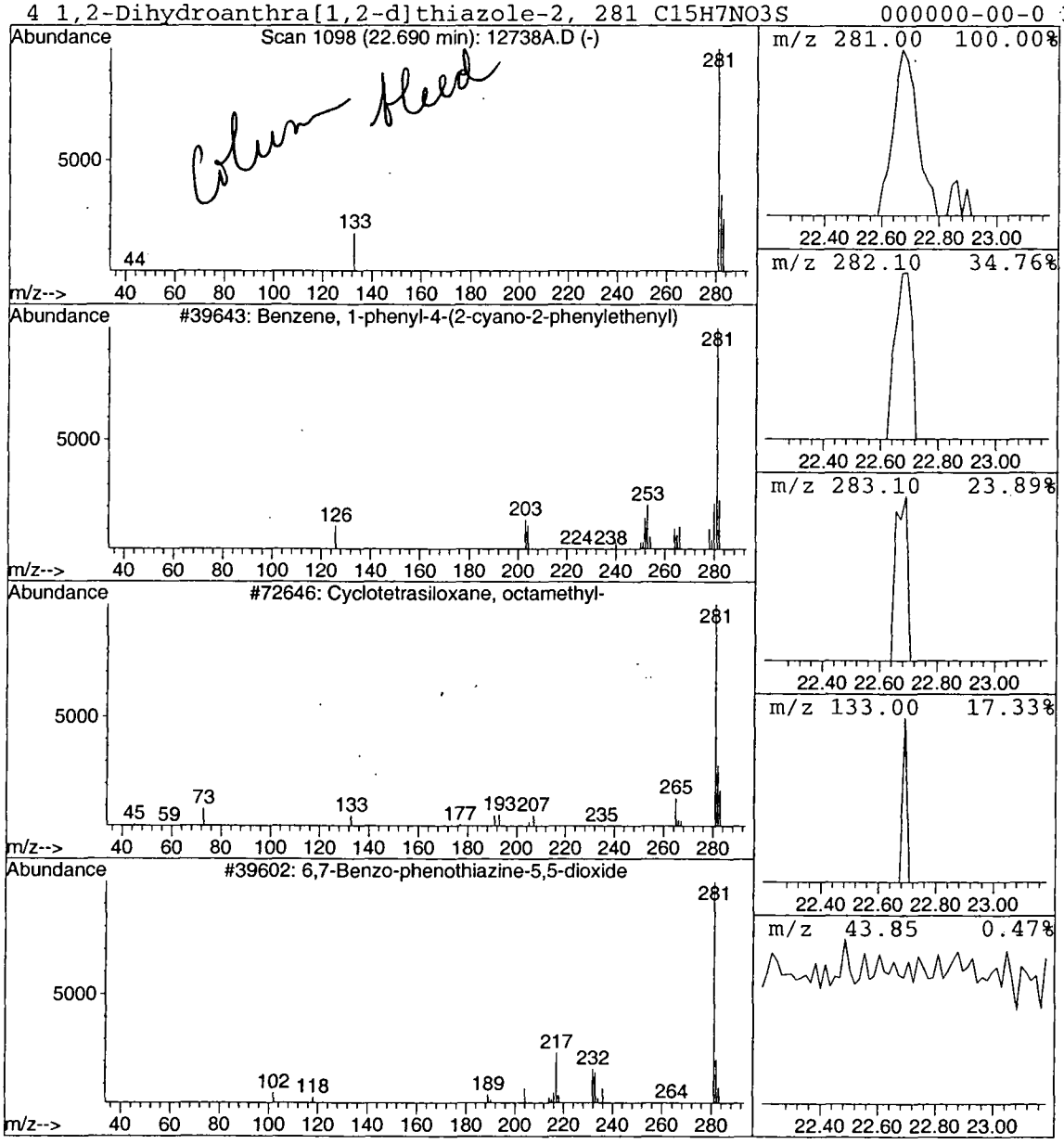
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Benzene, 1-phenyl-4-(2-cyano-2 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	0.03 ug/L	34412	CHLOROBENZENE-D5	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	4
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	3
4	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:14:02

Sample: AE12739
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/4/02 00:07 Ended: 6/4/02 00:07 Analyst: BH
Result source: a:\12739a.rr
Page: 1

	Component Name	Viol.	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3	0.5
3	Dichlorodifluoromethane		< MRL	0.5
4	Chloromethane		< MRL	0.5
5	Vinyl chloride		< MRL	0.5
6	Bromomethane		< MRL	0.5
7	Chloroethane		< MRL	0.5
8	Trichlorofluoromethane		< MRL	0.5
9	1,1-Dichloroethene		< MRL	0.5
10	Methylene Chloride		< MRL	0.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	0.5
13	1,1-dichloroethane		< MRL	0.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	0.5
16	cis-1,2-dichloroethene		< MRL	0.5
17	*THM-Chloroform		< MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MRL	0.5
22	1,1-dichloropropene		< MRL	0.5
23	Carbon tetrachloride		< MRL	0.5
24	Benzene		< MRL	0.5
25	Trichloroethene		< MRL	0.5
26	1,2-dichloropropane		< MRL	0.5
27	Dibromomethane		< MRL	0.5
28	*THM-Bromodichloromethane		< MRL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	0.5
31	Toluene		< MRL	0.5
32	trans-1,3-dichloropropene		< MRL	0.5
33	1,1,2-trichloroethane		< MRL	0.5
34	Tetrachloroethene		< MRL	0.5
35	1,3-dichloropropane		< MRL	0.5
36	*THM-Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	0.5
38	1,1,1,2-tetrachloroethane		< MRL	0.5
39	Ethylbenzene		< MRL	0.5
40	P & M-xylene		< MRL	0.5
41	O-xylene		< MRL	0.5
42	Styrene		< MRL	0.5
43	1,1,2,2-tetrachloroethane		< MRL	0.5
44	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	0.5
46	1,2,3-trichloropropane		< MRL	0.5
47	N-propylbenzene		< MRL	0.5
48	Bromobenzene		< MRL	0.5

REVIEWED BY BV
DATE 6/7/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:14:02

Sample: AE12739
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/4/02 00:07 Ended: 6/4/02 00:07 Analyst: BH
Result source: a:\12739a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\12739A.D Vial: 9
Acq On : 4 Jun 2002 7:06 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 19:44 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

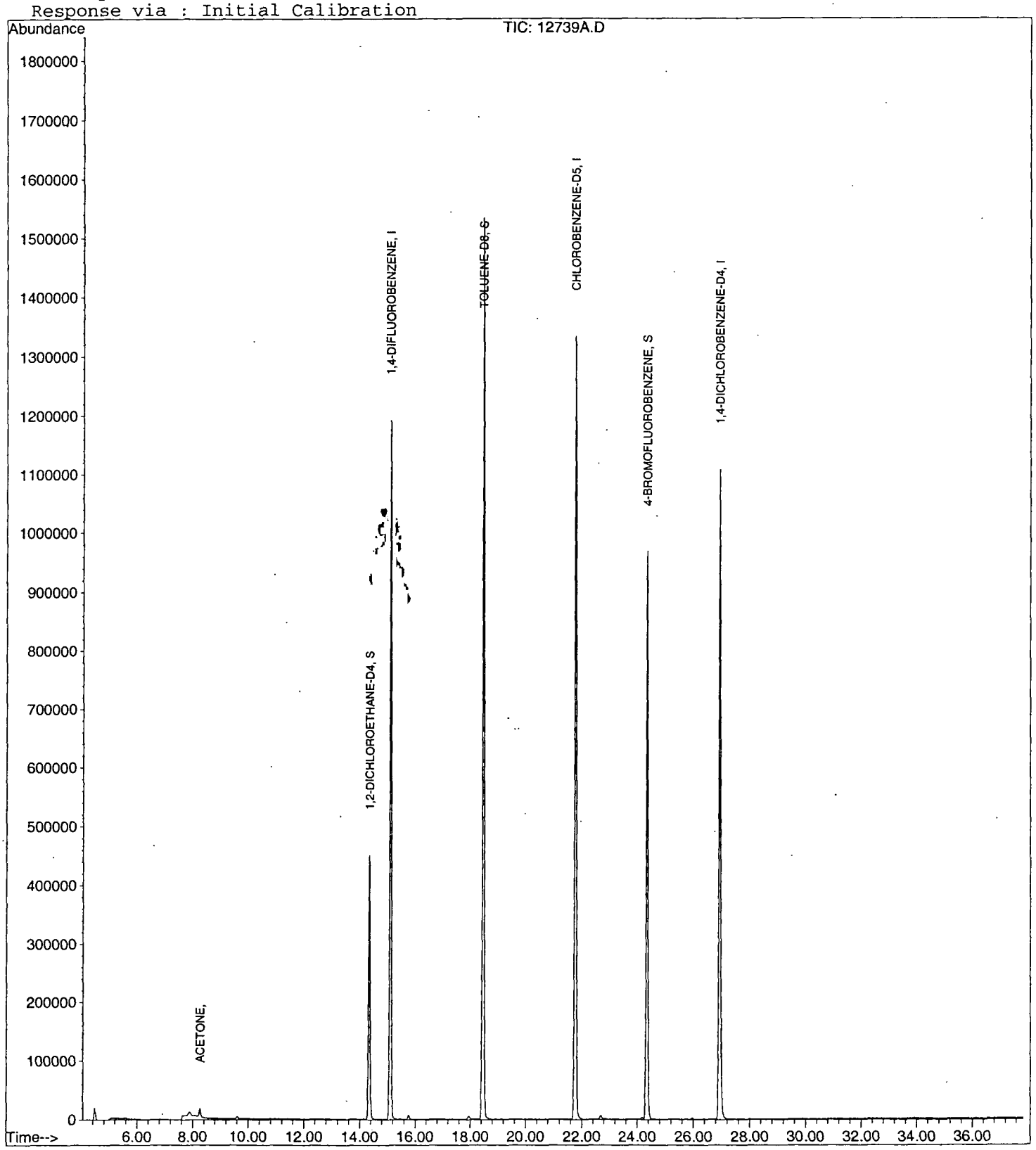
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1593126	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1473981	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	670061	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	711725	4.94	ug/L	0.00
Spiked Amount 5.000			Recovery = 98.80%			
3) 4-BROMOFLUOROBENZENE	24.34	174	540297	4.26	ug/L	0.00
Spiked Amount 5.000			Recovery = 85.20%			
25) TOLUENE-D8	18.45	98	1958109	5.27	ug/L	-0.02
Spiked Amount 5.000			Recovery = 105.40%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	46540	2.80	ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june04\12739A.D Vial: 9
Acq On : 4 Jun 2002 7:06 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 19:44 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\12739A.D Vial: 9
Acq On : 4 Jun 2002 7:06 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

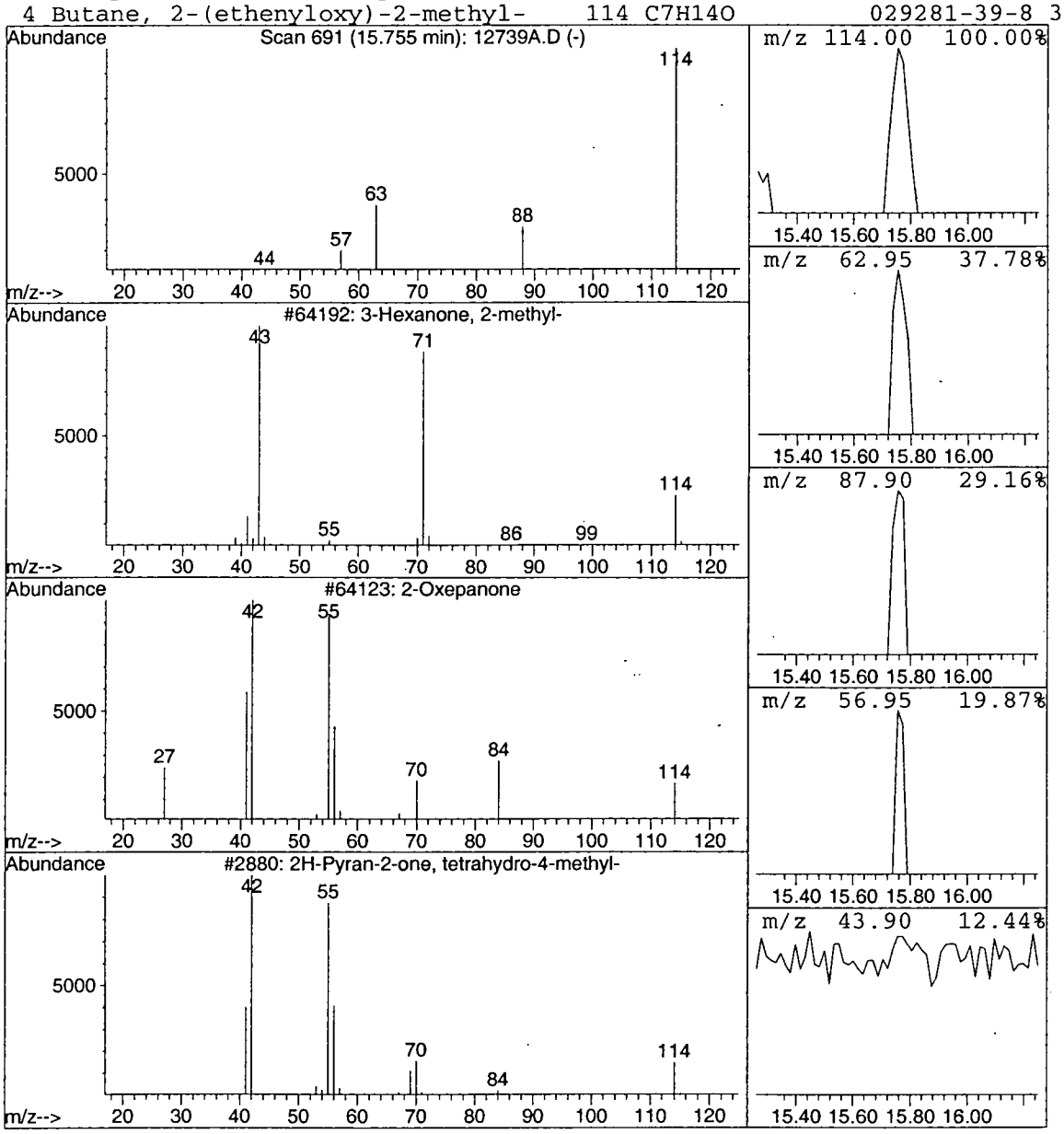
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.03 ug/L	26167	1,4-DIFLUOROBENZENE	15.09

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



Data File : C:\HPCHEM\1\DATA\02june04\12739A.D Vial: 9
Acq On : 4 Jun 2002 7:06 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

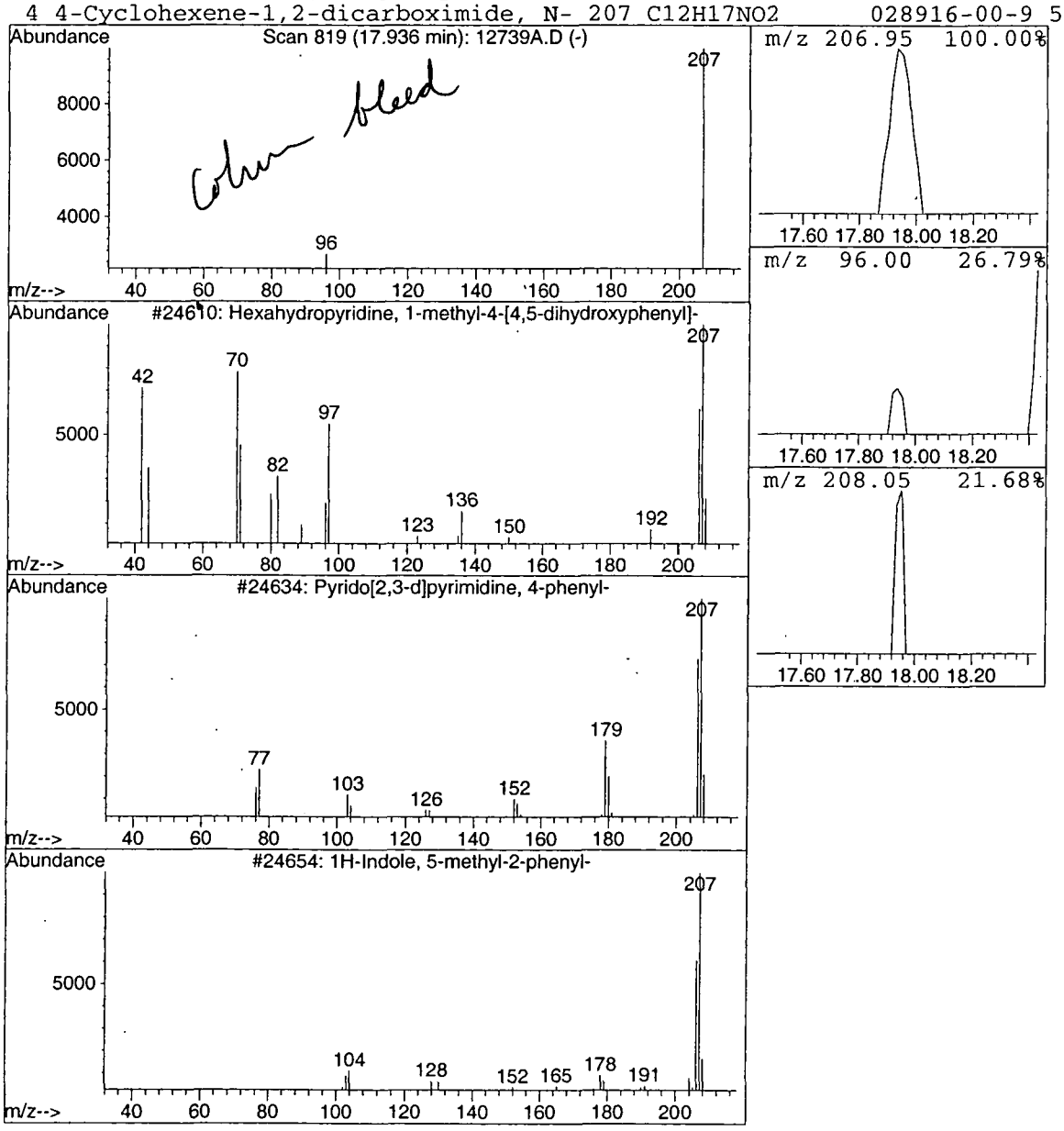
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	0.03 ug/L	24552	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	5
4	4-Cyclohexene-1,2-dicarboximide, N-	207	C12H17NO2	028916-00-9	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\12739A.D Vial: 9
Acq On : 4 Jun 2002 7:06 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

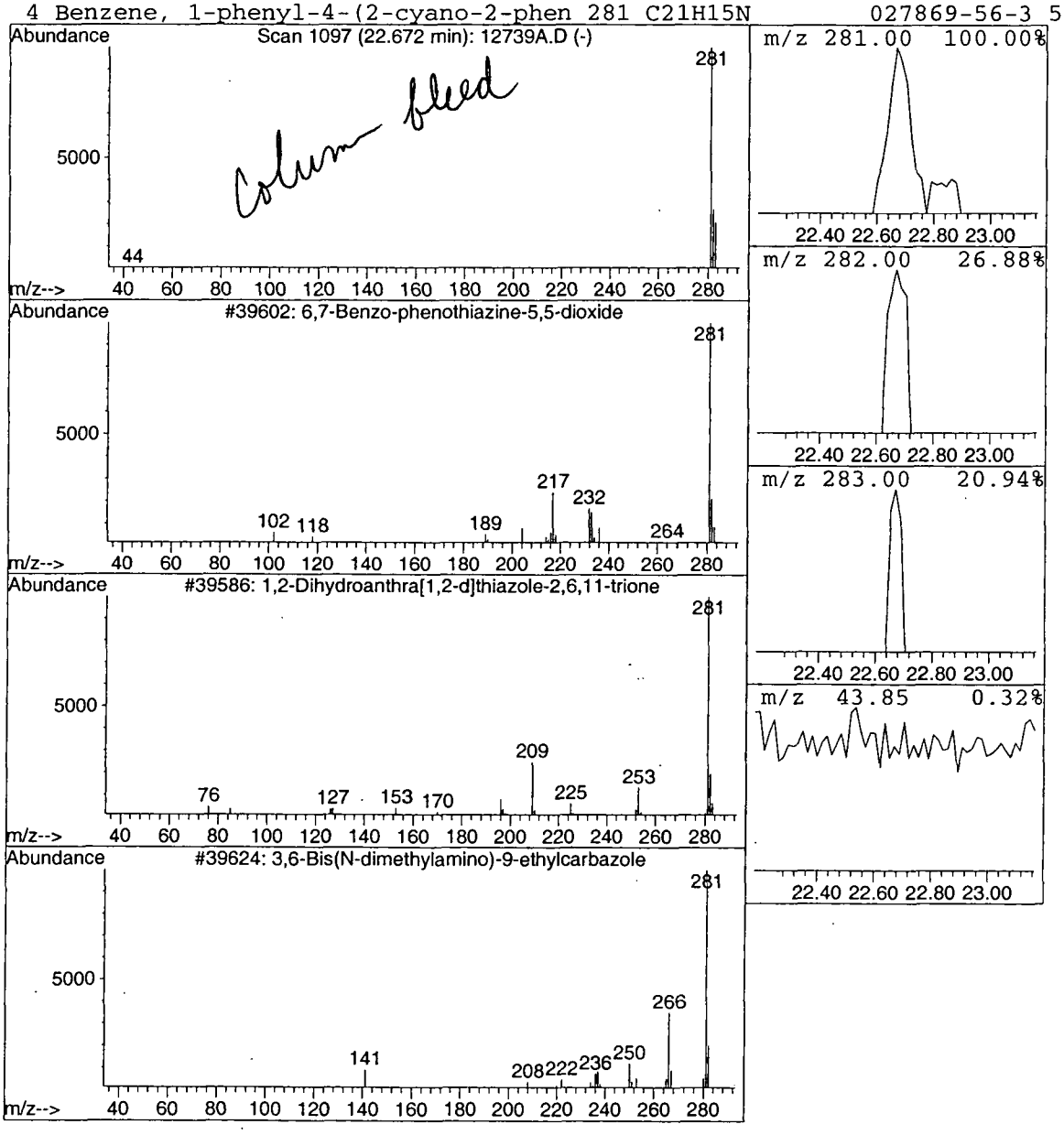
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 6,7-Benzo-phenothiazine-5,5-di Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	0.03 ug/L	30889	CHLOROBENZENE-D5	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
2	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:14:14

Sample: AE12739
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 6/4/02 00:07 Ended: 6/4/02 00:07 Analyst: BH
Result source: a:\12739f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.9	.5
2	Surr_4-BROMOFLUOROBENZE		4.0	.5
3	Dichlorodifluoromethane		< MRL	.5
4	Chloromethane		< MRL	.5
5	Vinyl chloride		< MRL	.5
6	Bromomethane		< MRL	.5
7	Chloroethane		< MRL	.5
8	Trichlorofluoromethane		< MRL	.5
9	1,1-Dichloroethene		< MRL	.5
10	Methylene Chloride		< MRL	.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	.5
13	1,1-dichloroethane		< MRL	.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	.5
16	cis-1,2-dichloroethene		< MRL	.5
17	Chloroform		< MRL	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		< MRL	.5
22	1,1-dichloropropene		< MRL	.5
23	Carbon tetrachloride		< MRL	.5
24	Benzene		< MRL	.5
25	Trichloroethene		< MRL	.5
26	1,2-dichloropropane		< MRL	.5
27	Dibromomethane		< MRL	.5
28	Bromodichloromethane		< MRL	.5
29	Methy iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	.5
31	Toluene		< MRL	.5
32	trans-1,3-dichloropropene		< MRL	.5
33	1,1,2-trichloroethane		< MRL	.5
34	Tetrachloroethene		< MRL	.5
35	1,3-dichloropropane		< MRL	.5
36	Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	.5
38	1,1,1,2-tetrachloroethane		< MRL	.5
39	Ethylbenzene		< MRL	.5
40	P & M-xylene		< MRL	.5
41	O-xylene		< MRL	.5
42	Styrene		< MRL	.5
43	1,1,2,2-tetrachloroethane		< MRL	.5
44	Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5
48	Bromobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:14:14

Sample: AE12739
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 6/4/02 00:07 Ended: 6/4/02 00:07 Analyst: BH
Result source: a:\12739f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\12739F.D Vial: 10
Acq On : 4 Jun 2002 7:49 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 20:27 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1607480	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1463258	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	636657	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	708603	4.88	ug/L	0.00
Spiked Amount 5.000			Recovery =	97.60%		
3) 4-BROMOFLUOROBENZENE	24.34	174	516210	4.03	ug/L	0.00
Spiked Amount 5.000			Recovery =	80.60%		
25) TOLUENE-D8	18.45	98	1955218	5.30	ug/L	-0.02
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
7) BROMOMETHANE	6.58	94	1567	0.06	ug/L	96
10) Isopropyl Alcohol	7.88	45	78103	52.43	ug/L	87
12) ACETONE	8.26	43	147608	8.80	ug/L	98
18) 2-BUTANONE (MEK)	12.01	43	2378	0.19	ug/L	57

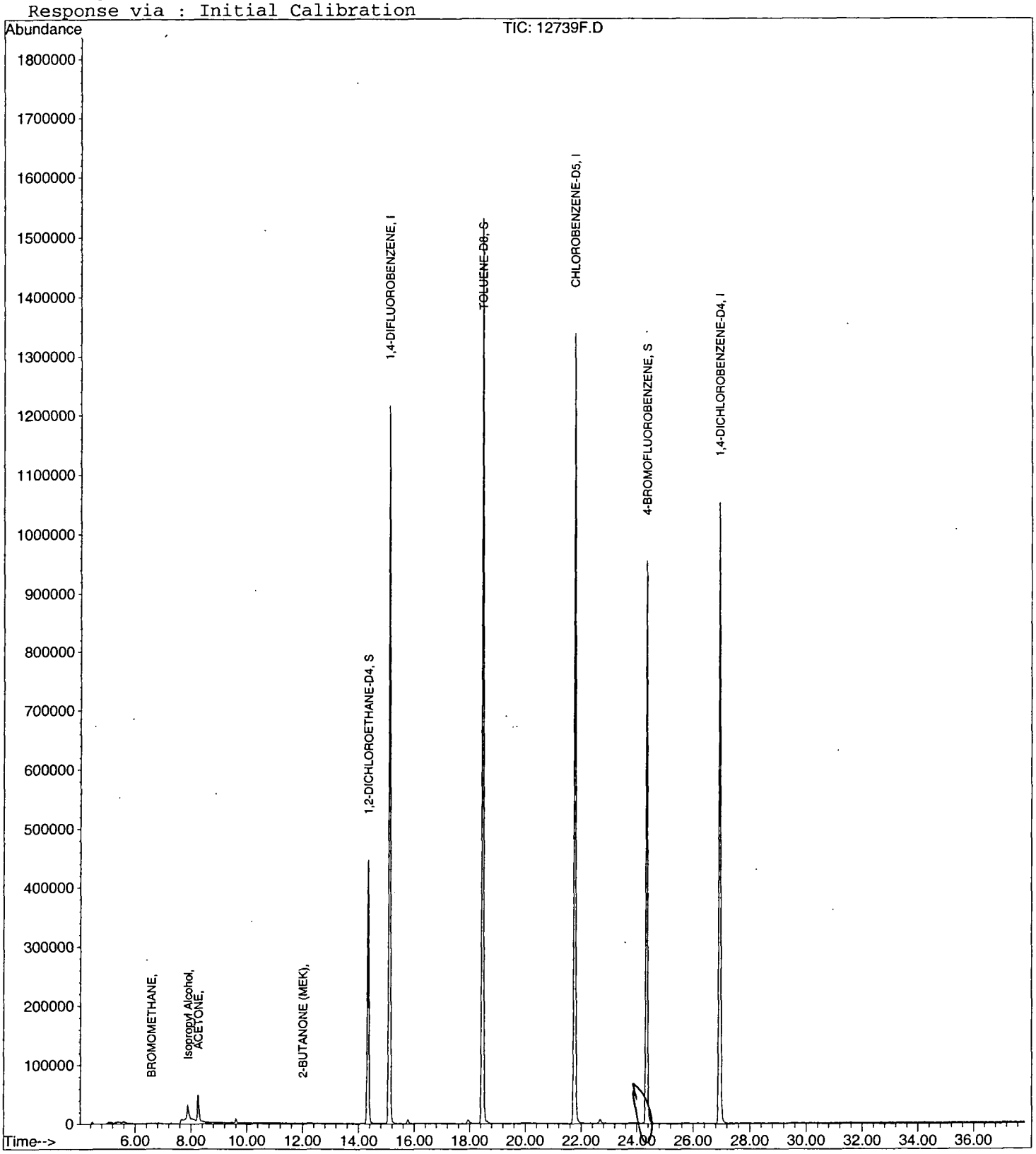
- lab cont

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june04\12739F.D Vial: 10
Acq On : 4 Jun 2002 7:49 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 20:27 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\12739F.D Vial: 10
Acq On : 4 Jun 2002 7:49 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

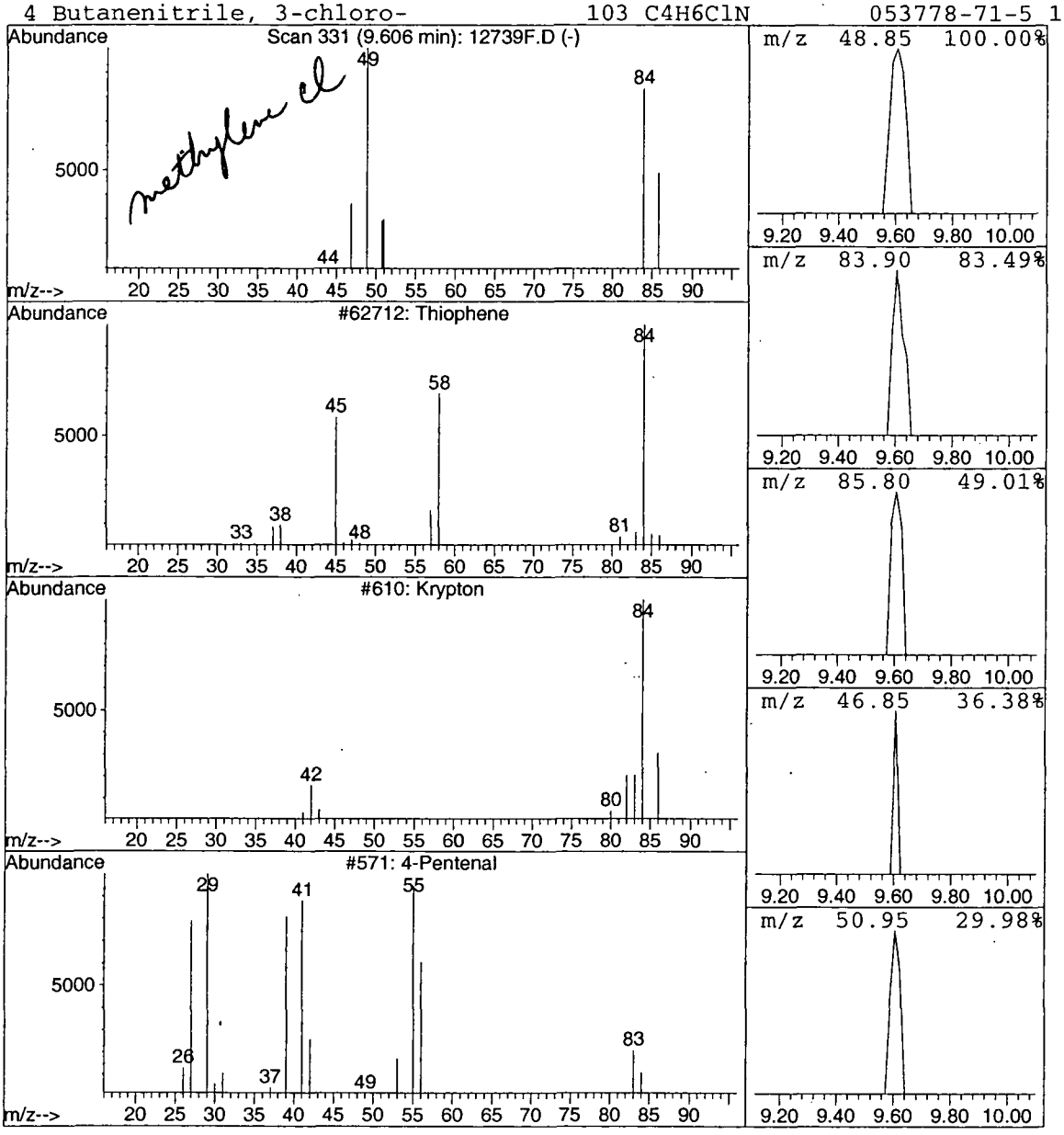
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	0.03 ug/L	23504	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	2
2	Krypton	84	Kr	007439-90-9	2
3	4-Pentenal	84	C5H8O	002100-17-6	1
4	Butanenitrile, 3-chloro-	103	C4H6ClN	053778-71-5	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\12739F.D Vial: 10
Acq On : 4 Jun 2002 7:49 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

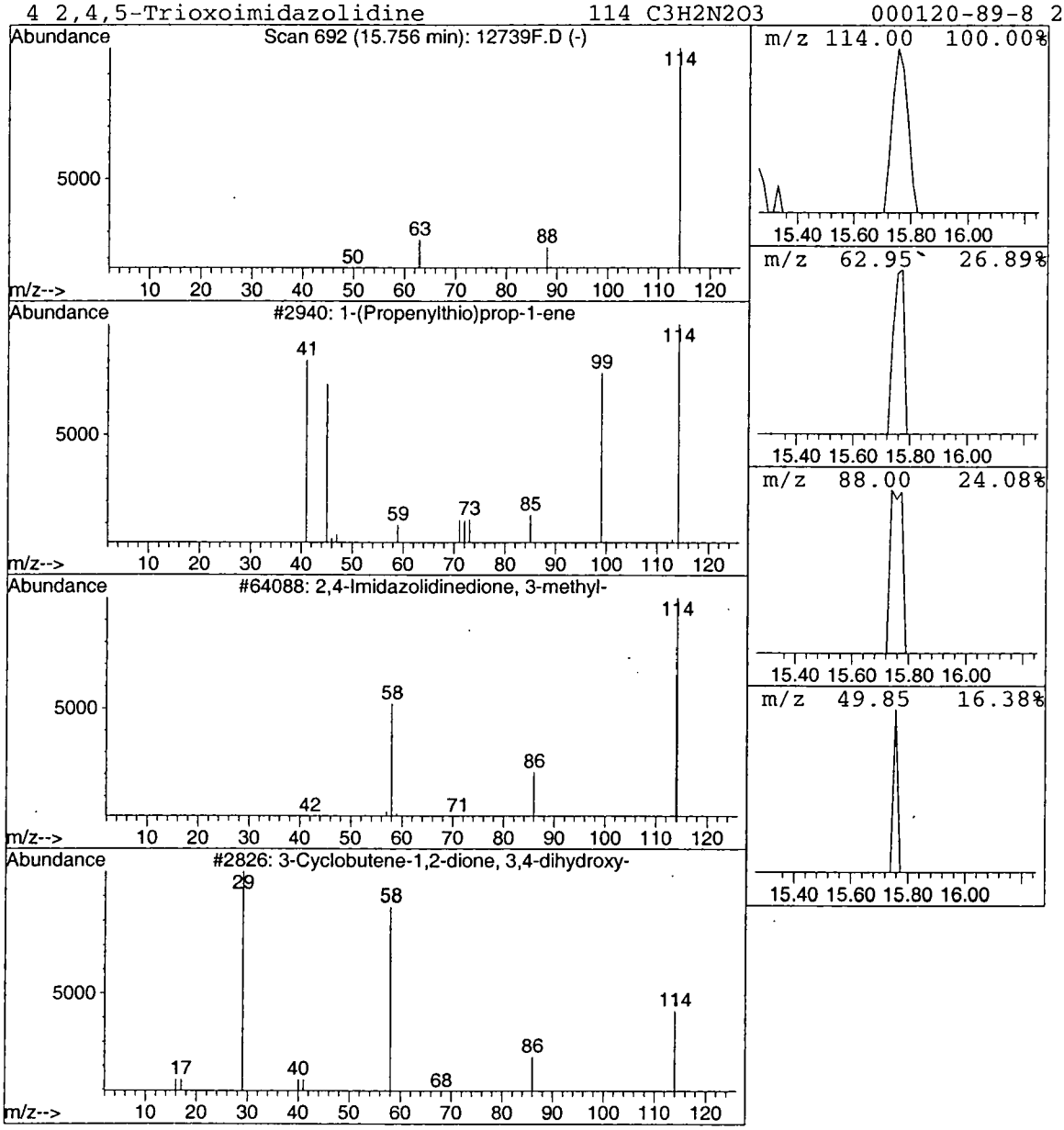
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-(Propenylthio)prop-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.03 ug/L	23783	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



Data File : C:\HPCHEM\1\DATA\02june04\12739F.D Vial: 10
Acq On : 4 Jun 2002 7:49 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

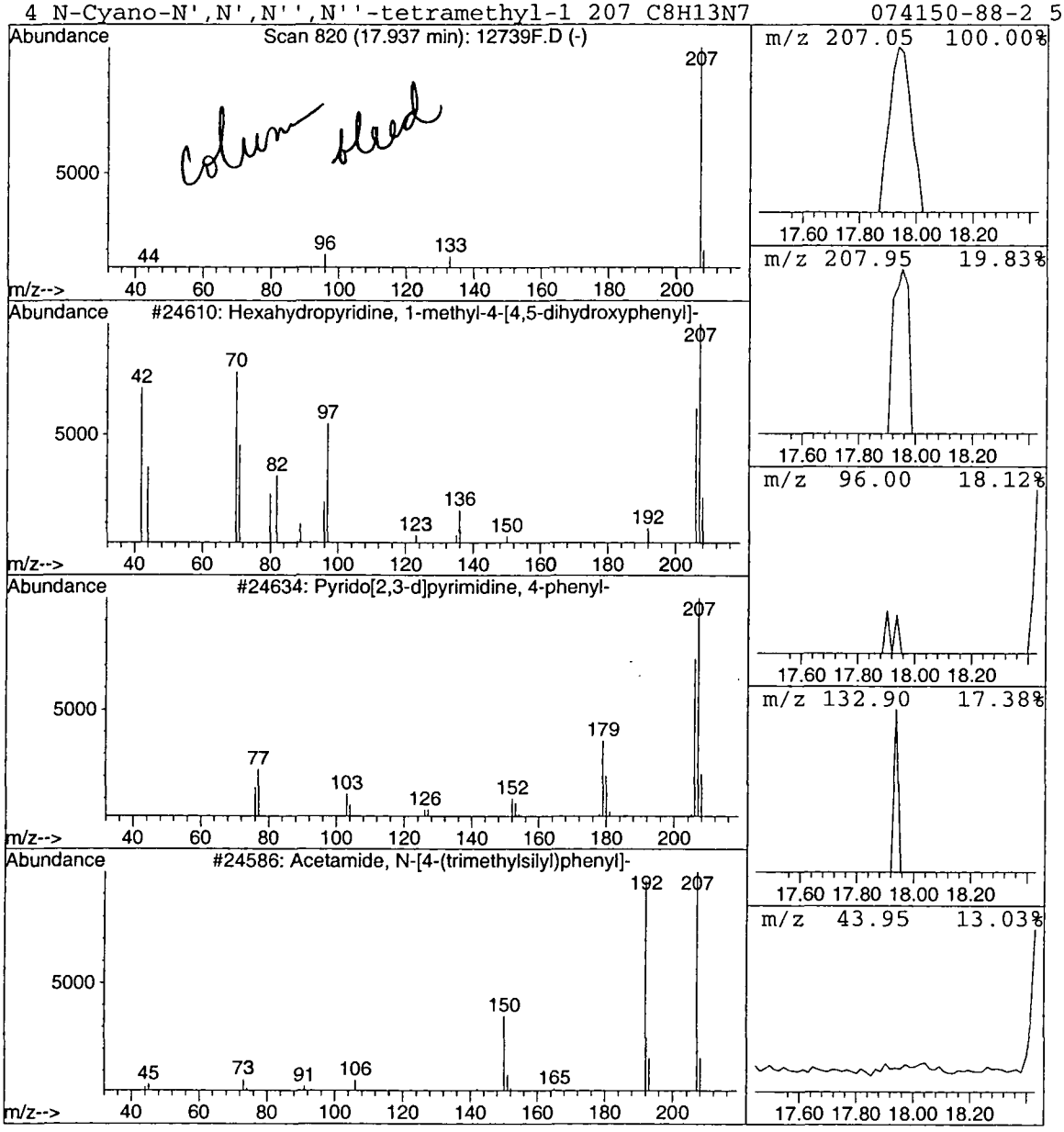
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexahydropyridine, 1-methyl-4- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	0.04 ug/L	32413	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	5
4	N-Cyano-N',N',N'',N''-tetramethyl-1	207	C8H13N7	074150-88-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june04\12739F.D Vial: 10
Acq On : 4 Jun 2002 7:49 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

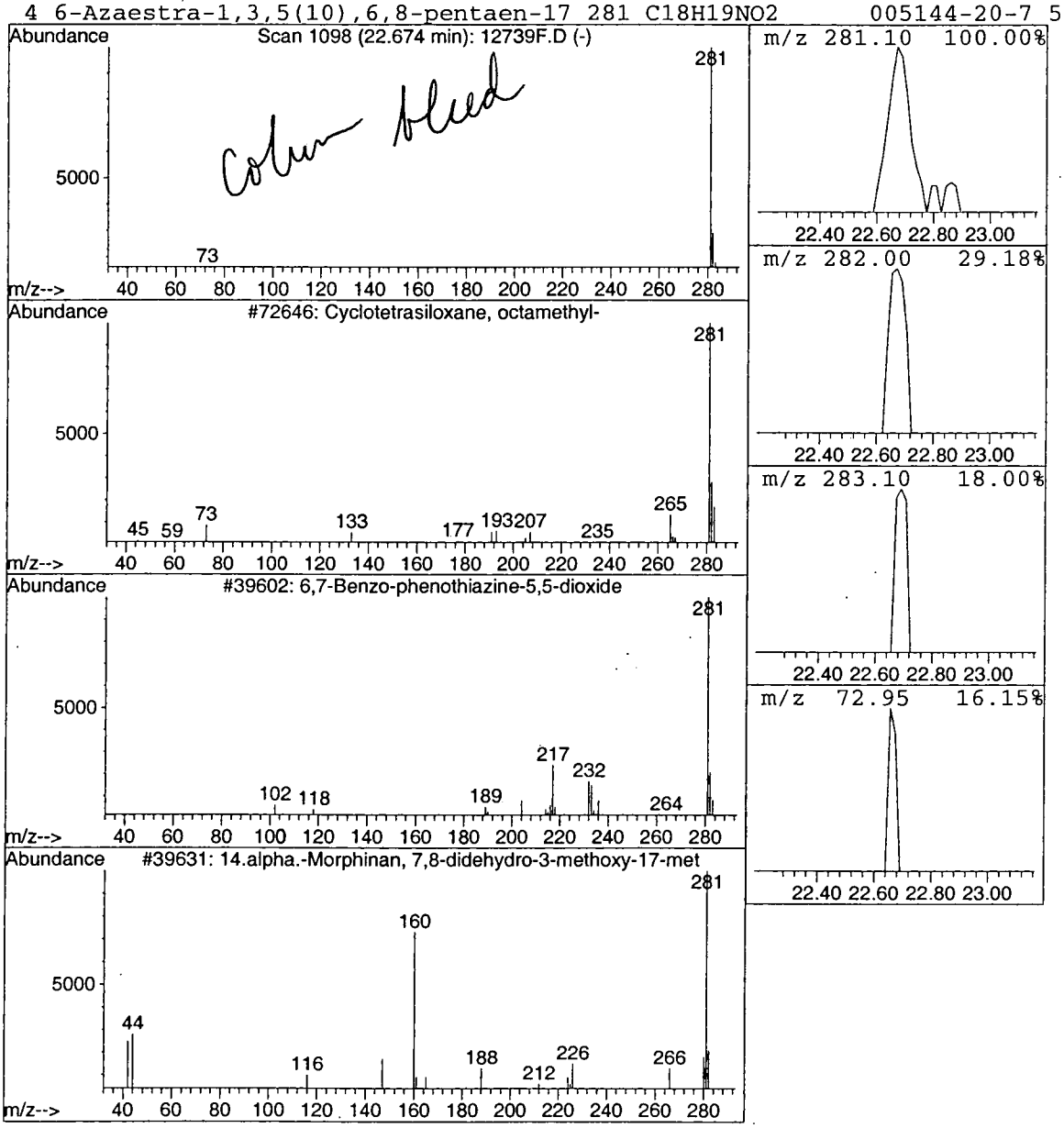
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	0.03 ug/L	34484	CHLOROBENZENE-D5	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	14.alpha.-Morphinan, 7,8-didehydro-	281	C19H23NO	017939-34-3	5
4	6-Azaestra-1,3,5(10),6,8-pentaen-17	281	C18H19NO2	005144-20-7	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:21:16

Sample: AE12738
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 6/4/02 00:08 Ended: 6/4/02 00:08 Analyst: BH
Result source: a:\0604c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane		8.0		.5
4	Chloromethane		7.3		.5
5	Vinyl chloride		8.4		.5
6	Bromomethane		10		.5
7	Chloroethane		9.2		.5
8	Trichlorofluoromethane		9.2		.5
9	1,1-Dichloroethene		8.5		.5
10	Methylene Chloride		8.5		.5
11	Methyl tert-butyl ether (MTBE)		8.6		1.0
12	trans-1,2-dichloroethene		8.6		.5
13	1,1-dichloroethane		8.8		.5
14	2-butanone (MEK)		32		2.0
15	2,2-dichloropropane		7.7		.5
16	cis-1,2-dichloroethene		9.7		.5
17	Chloroform		9.3		.5
18	Bromochloromethane		8.6		.5
19	1,2-dichloroethane		9.2		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		9.6		.5
22	1,1-dichloropropene		9.4		.5
23	Carbon tetrachloride		9.6		.5
24	Benzene		9.9		.5
25	Trichloroethene		9.7		.5
26	1,2-dichloropropane		9.6		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		9.8		.5
29	Methyl iso-butyl ketone		41		1.0
30	cis-1,3-dichloropropene		9.6		.5
31	Toluene		9.9		.5
32	trans-1,3-dichloropropene		9.6		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		9.5		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		10		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		9.7		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:21:16

Sample: AE12738
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 6/4/02 00:08 Ended: 6/4/02 00:08 Analyst: BH
Result source: a:\0604c10a.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		9.0		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		9.8		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		9.9		.5
58	N-butylbenzene		8.9		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		9.8		.5
61	Hexachlobutadiene		8.8		.5
62	Naphthalene		7.9		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		170		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604C10A.D Vial: 11
Acq On : 4 Jun 2002 8:32 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 21:10 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1669373	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1583646	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	776450	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	742717	4.92	ug/L	-0.02
Spiked Amount 5.000			Recovery = 98.40%			
3) 4-BROMOFLUOROBENZENE	24.34	174	610293	4.59	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.80%			
25) TOLUENE-D8	18.45	98	2068059	5.18	ug/L	-0.02
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	477924	8.02	ug/L	99
5) CHLOROMETHANE	5.35	50	679341	7.34	ug/L	98
6) VINYL CHLORIDE	5.59	62	403414	8.42	ug/L	97
7) BROMOMETHANE	6.56	94	272532	10.43	ug/L	100
8) CHLOROETHANE	6.71	64	393913	9.18	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	651942	9.18	ug/L	99
10) Isopropyl Alcohol	7.87	45	280678	181.44	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	514838	9.45	ug/L	94
12) ACETONE	8.24	43	404312	23.21	ug/L	99
13) 1,1-DICHLOROETHENE	8.60	61	1019351	8.49	ug/L	99
14) METHYLENE CHLORIDE	9.60	49	949275	8.51	ug/L	94
15) METHYL TERT BUTYL ETHER	9.91	73	743422	8.61	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.27	61	1055123	8.55	ug/L	96
17) 1,1-DICHLOROETHANE	11.17	63	1218817	8.82	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	421158	32.31	ug/L	97
19) 2,2-DICHLOROPROPANE	12.38	77	792742	7.69	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.47	96	704504	9.74	ug/L	91
21) CHLOROFORM	12.81	83	1319210	9.29	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	525528	8.63	ug/L	96
23) 1,2-DICHLOROETHANE	14.53	62	912507	9.22	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.71	97	982556	9.59	ug/L	99
27) 1,1-DICHLOROPROPENE	14.03	75	907394	9.39	ug/L	97
28) CARBON TETRACHLORIDE	14.29	117	824450	9.64	ug/L	99
29) BENZENE	14.63	78	2342660	9.89	ug/L	99
30) TRICHLOROETHENE	15.91	95	689349	9.72	ug/L	97
31) 1,2-DICHLOROPROPANE	16.27	63	600005	9.63	ug/L	99
32) DIBROMOMETHANE	16.93	174	295436	10.30	ug/L	96
33) BROMODICHLOROMETHANE	16.78	83	871181	9.77	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	171634	9.32	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.34	58	363627	41.24	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.87	75	787566	9.63	ug/L	99
37) TOLUENE	18.63	91	2443732	9.88	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.91	75	560165	9.56	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.30	97	378014	10.38	ug/L	98
40) TETRACHLOROETHENE	20.08	166	650079	9.52	ug/L	98
41) 1,3-DICHLOROPROPANE	19.83	76	719678	10.10	ug/L	99
42) DIBROMOCHLOROMETHANE	20.51	129	457735	10.32	ug/L	96
43) 1,2-DIBROMOETHANE	20.97	107	361209	10.01	ug/L	96
44) CHLOROBENZENE	21.84	112	1581620	10.10	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	536224	10.27	ug/L	97
46) 2-HEXANONE	19.18	43	666985	38.79	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june04\0604C10A.D Vial: 11
Acq On : 4 Jun 2002 8:32 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 21:10 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	ETHYLBENZENE	21.89	91	2937844	9.97	ug/L	98
48)	P & M-XYLENE	22.04	106	1922395	20.18	ug/L	97
49)	O-XYLENE	23.01	91	2292218	10.07	ug/L	99
50)	STYRENE	23.06	104	1431653	10.23	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	384324	10.09	ug/L	99
53)	BROMOFORM	23.93	173	202805	10.90	ug/L	95
54)	ISOPROPYLBENZENE	23.75	105	2487726	10.52	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.43	110	115986	10.81	ug/L	98
56)	N-PROPYLBENZENE	24.61	91	3115073	9.67	ug/L	98
57)	BROMOBENZENE	24.85	156	607893	10.94	ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.92	105	2155492	10.27	ug/L	99
59)	2-CHLOROTOLUENE	25.09	91	2230491	10.31	ug/L	100
60)	4-CHLOROTOLUENE	25.16	91	1951884	9.02	ug/L	99
61)	TERT-BUTYLBENZENE	25.72	119	1970210	10.52	ug/L	96
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	2220077	10.26	ug/L	100
63)	SEC-BUTYLBENZENE	26.17	105	2600354	9.97	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	1954282	9.81	ug/L	97
65)	1,3-DICHLOROBENZENE	26.80	146	1096224	10.26	ug/L	99
66)	1,4-DICHLOROBENZENE	27.02	146	1102567	9.89	ug/L	98
67)	N-BUTYLBENZENE	27.32	91	1894567	8.86	ug/L	99
68)	1,2-DICHLOROBENZENE	27.87	146	930509	10.46	ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	41701	10.06	ug/L	96
70)	1,2,4-TRICHLOROBENZENE	31.94	180	514420	9.76	ug/L	100
71)	HEXACHLOROBUTADIENE	32.25	225	312909	8.76	ug/L	99
72)	NAPHTHALENE	32.79	128	376622	7.86	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.49	180	407862	9.96	ug/L	95
74)	NITROBENZENE	29.86	77	171280	165.09	ug/L	95

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

Data File : C:\HPCHEM\1\DATA\02june04\0604C10A.D Vial: 11
Acq On : 4 Jun 2002 8:32 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 4 21:10 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration