User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:08:12

Sample: AE11905
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/22/02 00:09 Ended: 5/22/02 00:09 Analyst: BH
Result source: a:\0522b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.9
2	Surr - 4-BROMOFLUOROBENZ		5.1
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	ACETONE		1.0
10	1,1-DICHLOROETHENE		< MRL
11	METHYLENE CHLORIDE		0.14
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		4.9
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: 05/24/2002 Time: 12:08:12

Sample: AE11905
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/22/02 00:09 Ended: 5/22/02 00:09 Analyst: BH
Result source: a:\0522b1.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\02MAY22\0522B1.D Vial: 1
Acq On : 22 May 2002 9:10 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 14:08 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 10:09:12 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.02	114	1126608	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.67	117	1021296	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.87	152	478777	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.25	65	542783	4.93	ug/L	-0.02
Spiked Amount 5.000			Recovery = 98.60%			
3) 4-BROMOFLUOROBENZENE	24.26	174	408845	5.15	ug/L	-0.03
Spiked Amount 5.000			Recovery = 103.00%			
25) TOLUENE-D8	18.37	98	1357438	4.87	ug/L	-0.03
Spiked Amount 5.000			Recovery = 97.40%			
Target Compounds						Qvalue
12) ACETONE	8.19	43	10291	1.03	ug/L	53
14) METHYLENE CHLORIDE	9.52	49	10086	0.14	ug/L	97

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

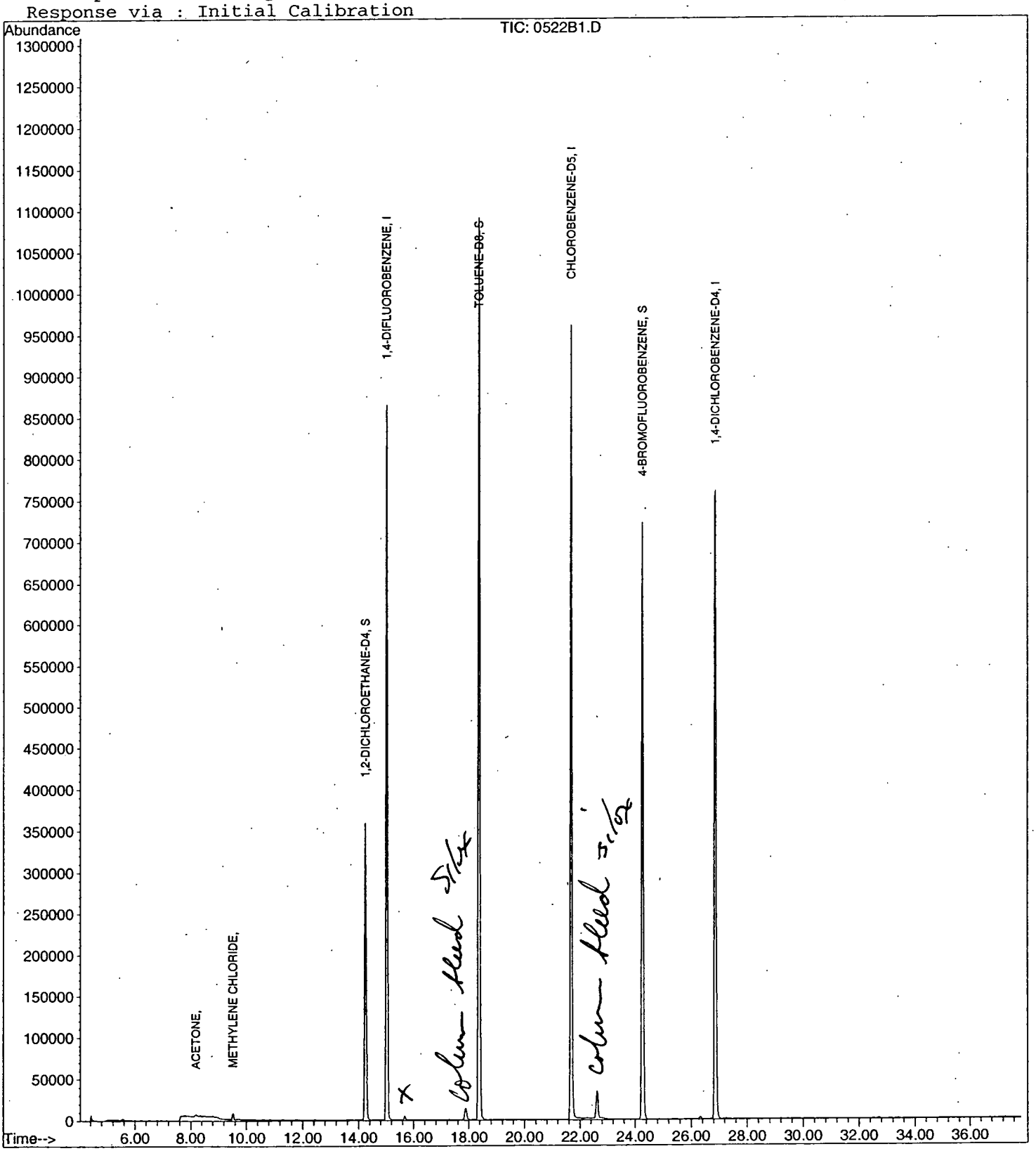
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522B1.D
Acq On : 22 May 2002 9:10 am
Sample : lab blank 1 (voc di)
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 14:08 2002

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

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522B1.D Vial: 1
Acq On : 22 May 2002 9:10 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P

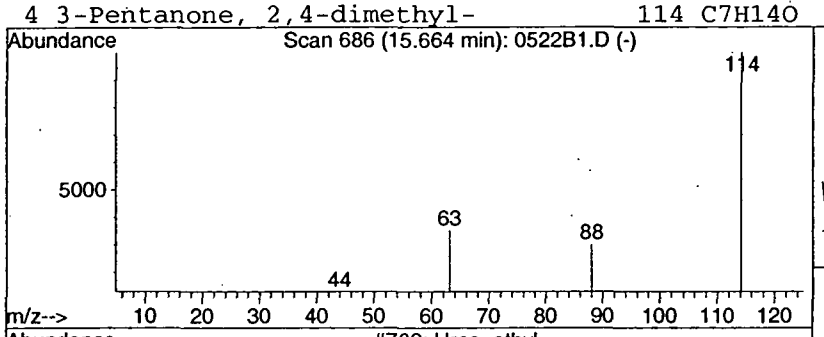
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

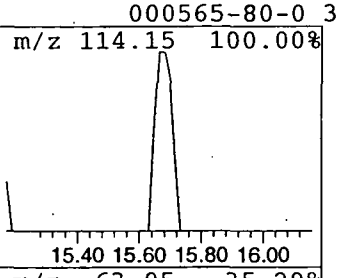
****

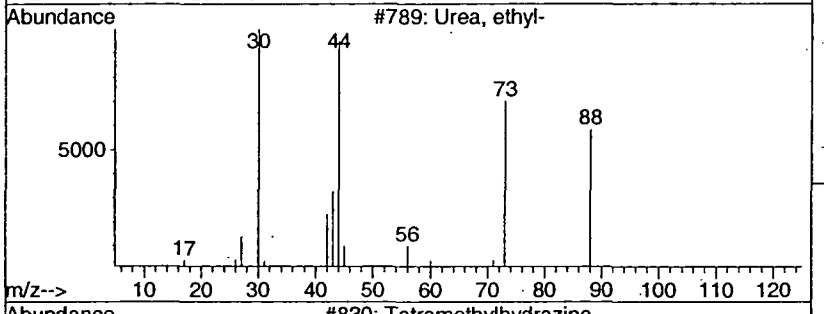
Peak Number 1 Urea, ethyl- Concentration Rank 1

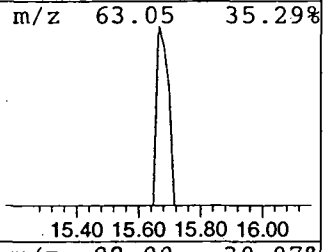
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	0.03 ug/L	17012	1,4-DIFLUOROBENZENE	15.02

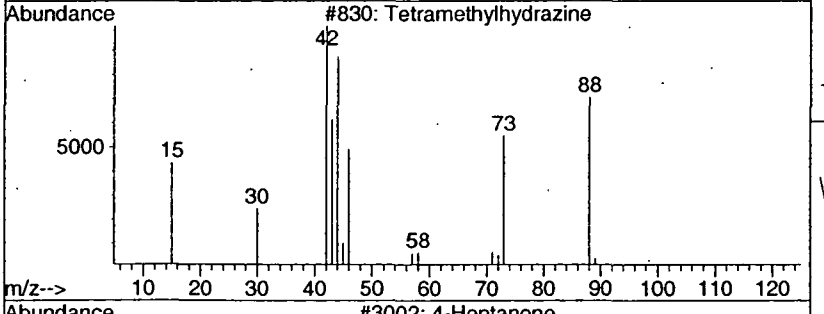
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3

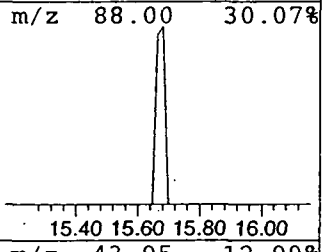


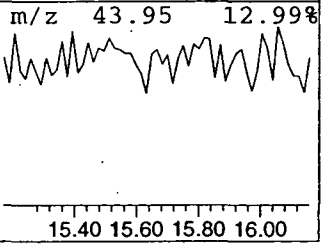


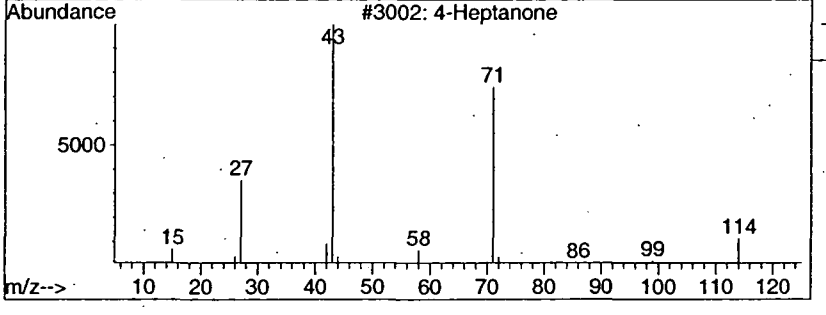












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522B1.D Vial: 1
Acq On : 22 May 2002 9:10 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P

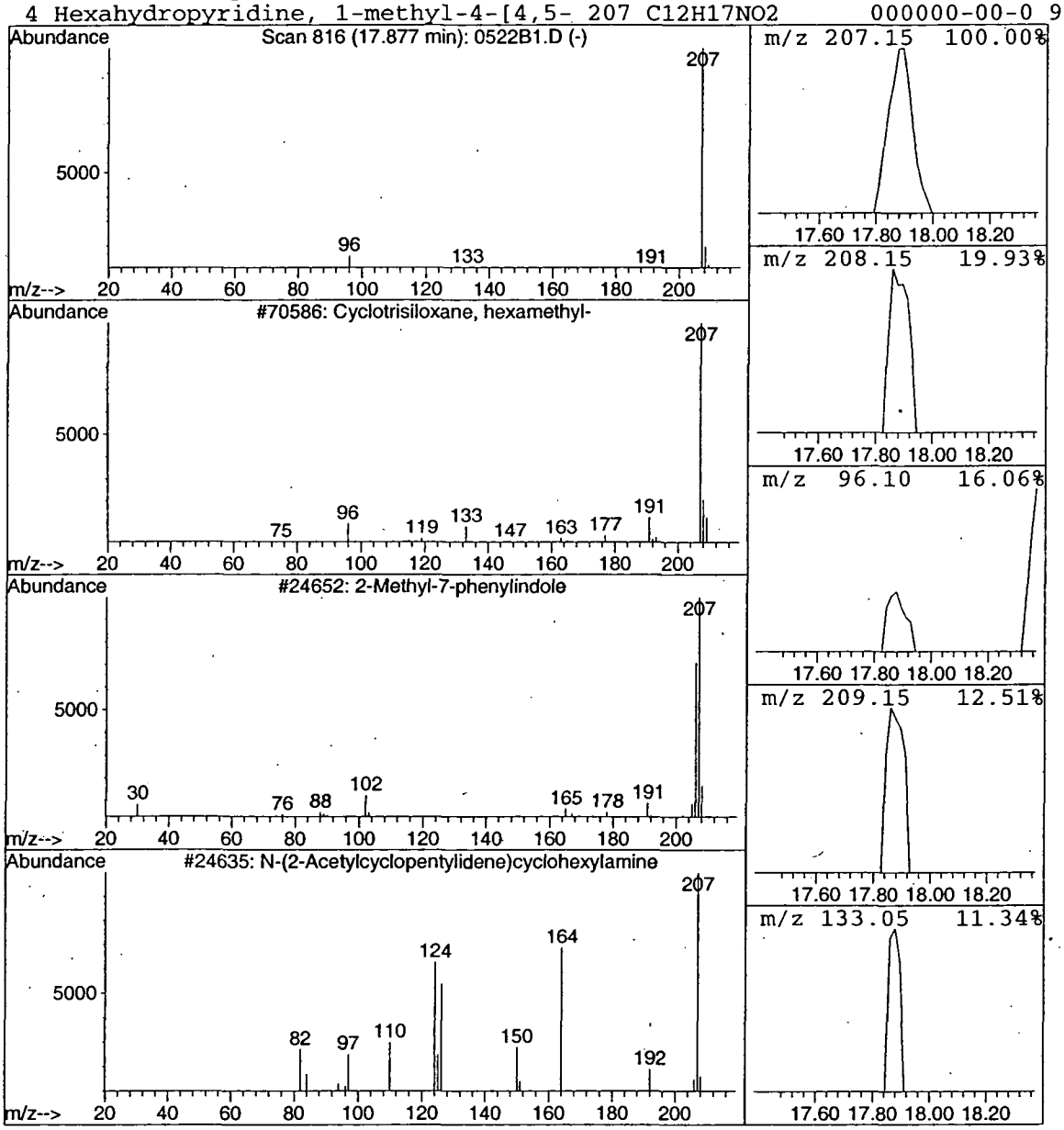
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	0.12 ug/L	76662	1,4-DIFLUOROBENZENE	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
4	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522B1.D Vial: 1
Acq On : 22 May 2002 9:10 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P

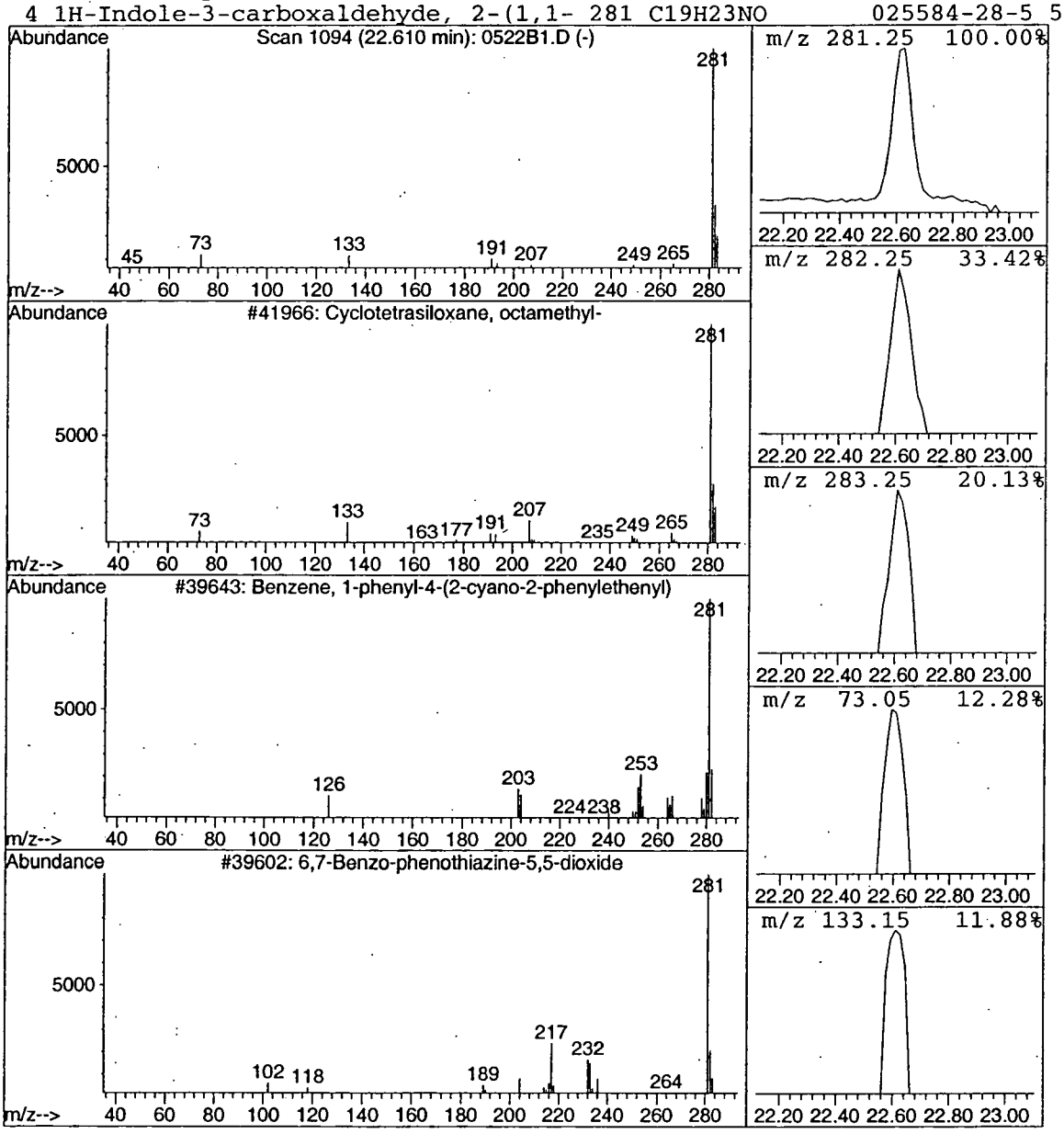
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclotetrasiloxane, octamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	0.21 ug/L	151398	CHLOROBENZENE-D5	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
4	1H-Indole-3-carboxaldehyde, 2-(1,1-	281	C19H23NO	025584-28-5	5



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10.D Vial: 2
Acq On : 22 May 2002 10:35 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:15 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.02	114	1126593	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.69	117	1073880	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.87	152	539824	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.25	65	520930	4.74	ug/L	-0.02
Spiked Amount 5.000			Recovery =	94.80%		
3) 4-BROMOFLUOROBENZENE	24.28	174	438087	5.51	ug/L	-0.02
Spiked Amount 5.000			Recovery =	110.20%		
25) TOLUENE-D8	18.39	98	1373298	4.68	ug/L	-0.02
Spiked Amount 5.000			Recovery =	93.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.81	85	373285	8.78	ug/L	99
5) CHLOROMETHANE	5.32	50	634253	9.40	ug/L	100
6) VINYL CHLORIDE	5.55	62	328060	9.57	ug/L	98
7) BROMOMETHANE	6.52	94	136616	7.93	ug/L	99
8) CHLOROETHANE	6.66	64	321439	9.54	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.21	101	585959	9.30	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.11	101	349081	9.69	ug/L	96
12) ACETONE	8.19	43	246476	24.70	ug/L	97
13) 1,1-DICHLOROETHENE	8.53	61	822209	10.15	ug/L	99
14) METHYLENE CHLORIDE	9.54	49	740921	10.03	ug/L	99
15) METHYL TERT BUTYL ETHER	9.84	73	520951	9.10	ug/L	100
16) TRANS-1,2-DICHLOROETHENE	10.20	61	873548	10.64	ug/L	95
17) 1,1-DICHLOROETHANE	11.09	63	942343	10.60	ug/L	100
18) 2-BUTANONE (MEK)	11.92	43	280535	37.44	ug/L	96
19) 2,2-DICHLOROPROPANE	12.31	77	767208	10.64	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.40	96	529291	10.97	ug/L	99
21) CHLOROFORM	12.74	83	997225	10.48	ug/L	99
22) BROMOCHLOROMETHANE	13.11	49	402973	10.77	ug/L	96
23) 1,2-DICHLOROETHANE	14.46	62	738951	10.39	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.62	97	808997	9.27	ug/L	99
27) 1,1-DICHLOROPROPENE	13.95	75	802381	9.87	ug/L	100
28) CARBON TETRACHLORIDE	14.22	117	691077	9.62	ug/L	100
29) BENZENE	14.56	78	1749652	9.96	ug/L	100
30) TRICHLOROETHENE	15.84	95	580403	9.92	ug/L	99
31) 1,2-DICHLOROPROPANE	16.19	63	467152	9.86	ug/L	98
32) DIBROMOMETHANE	16.86	174	221476	9.65	ug/L	96
33) BROMODICHLOROMETHANE	16.70	83	665164	9.65	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.18	63	114625	12.55	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.27	58	229767	38.71	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.79	75	659275	9.88	ug/L	99
37) TOLUENE	18.56	91	1829822	10.21	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.83	75	477342	8.56	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.22	97	278060	10.07	ug/L	97
40) TETRACHLOROETHENE	20.01	166	558257	10.57	ug/L	98
41) 1,3-DICHLOROPROPANE	19.75	76	539229	10.06	ug/L	99
42) DIBROMOCHLOROMETHANE	20.45	129	342502	10.26	ug/L	99
43) 1,2-DIBROMOETHANE	20.89	107	280241	9.75	ug/L	99
44) CHLOROBENZENE	21.78	112	1153075	10.62	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	423613	10.11	ug/L	96
46) 2-HEXANONE	19.12	43	438052	38.56	ug/L	98
47) ETHYLBENZENE	21.81	91	2244139	10.63	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10.D Vial: 2
Acq On : 22 May 2002 10:35 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:15 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

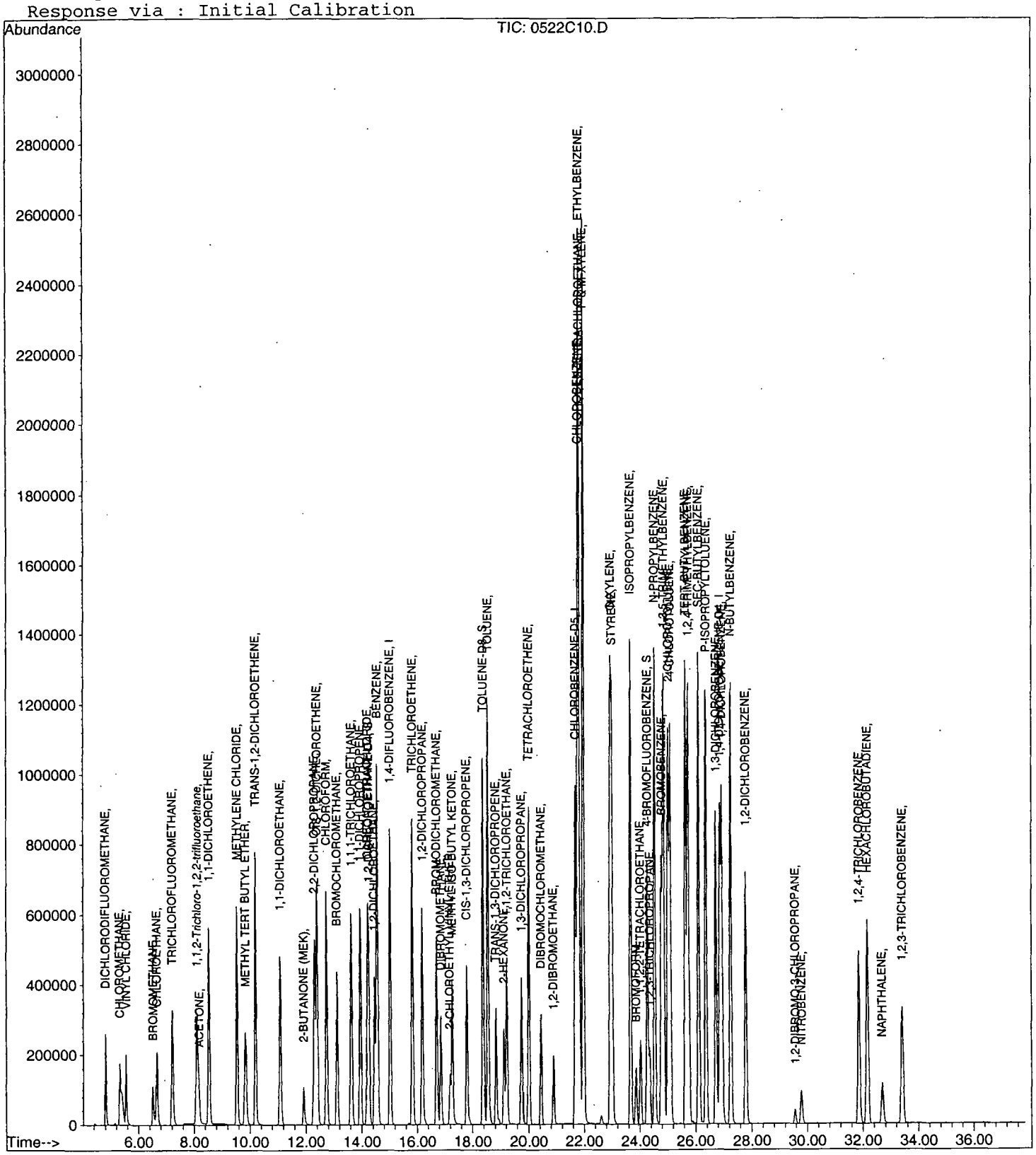
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	21.96	106	1447209	21.36 ug/L	97
49)	O-XYLENE	22.95	91	1742124	10.59 ug/L	96
50)	STYRENE	23.00	104	1131362	10.80 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.02	83	278275	10.27 ug/L	98
53)	BROMOFORM	23.87	173	155298	11.19 ug/L	99
54)	ISOPROPYLBENZENE	23.67	105	1931966	10.80 ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.36	110	87530	10.15 ug/L	100
56)	N-PROPYLBENZENE	24.53	91	2487013	10.57 ug/L	99
57)	BROMOBENZENE	24.79	156	463261	10.61 ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.86	105	1678683	10.44 ug/L	100
59)	2-CHLOROTOLUENE	25.03	91	1799262	10.98 ug/L	100
60)	4-CHLOROTOLUENE	25.10	91	1424058	8.69 ug/L	97
61)	TERT-BUTYLBENZENE	25.64	119	1527373	10.70 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.74	105	1724249	10.40 ug/L	99
63)	SEC-BUTYLBENZENE	26.10	105	2091141	10.65 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.37	119	1627916	10.54 ug/L	96
65)	1,3-DICHLOROBENZENE	26.73	146	847152	10.37 ug/L	98
66)	1,4-DICHLOROBENZENE	26.94	146	853798	10.31 ug/L	99
67)	N-BUTYLBENZENE	27.26	91	1695580	10.58 ug/L	98
68)	1,2-DICHLOROBENZENE	27.79	146	701321	10.37 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.57	157	34090	10.29 ug/L	90
70)	1,2,4-TRICHLOROBENZENE	31.86	180	447950	10.01 ug/L	99
71)	HEXACHLOROBUTADIENE	32.16	225	350860	10.17 ug/L	96
72)	NAPHTHALENE	32.69	128	272071	7.71 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.40	180	329724	9.60 ug/L	95
74)	NITROBENZENE	29.80	77	136093	185.12 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10.D Vial: 2
Acq On : 22 May 2002 10:35 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:15 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:18:34

Sample: AE11905
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/22/02 00:01 Ended: 5/22/02 00:01 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-BROMOFLUOROBENZE		5.4		.5
3	Dichlorodifluoromethane		9.4		.5
4	Chloromethane		9.5		.5
5	Vinyl chloride		10		.5
6	Bromomethane		9.7		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		9.2		.5
9	1,1-Dichloroethene		8.8		.5
10	Methylene Chloride		9.4		.5
11	Methyl tert-butyl ether		9.3		1.0
12	trans-1,2-dichloroethene		9.7		.5
13	1,1-dichloroethane		9.8		.5
14	2-butanone (MEK)		41		2.0
15	2,2-dichloropropane		9.6		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		9.6		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		9.9		.5
20	Surr_TOLUENE-D8		4.7		.5
21	1,1,1- trichloroethane		8.4		.5
22	1,1-dichloropropene		9.1		.5
23	Carbon tetrachloride		8.6		.5
24	Benzene		9.3		.5
25	Trichloroethene		9.0		.5
26	1,2-dichloropropane		9.5		.5
27	Dibromomethane		9.4		.5
28	Bromodichloromethane		9.2		.5
29	Methyl iso-butyl ketone		42		1.0
30	cis-1,3-dichloropropene		9.7		.5
31	Toluene		9.4		.5
32	trans-1,3-dichloropropene		8.4		.5
33	1,1,2-trichloroethane		9.8		.5
34	Tetrachloroethene		9.6		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		9.9		2.0
37	Chlorobenzene		9.8		.5
38	1,1,1,2-tetrachloroethane		9.7		.5
39	Ethylbenzene		9.7		.5
40	P & M-xylene		19		.5
41	O-xylene		9.6		.5
42	Styrene		9.9		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		9.8		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		9.6		.5
48	Bromobenzene		9.9		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:18:34

Sample: AE11905
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/22/02 00:01 Ended: 5/22/02 00:01 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.7		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		8.2		.5
52	TERT-butylbenzene		9.8		.5
53	1,2,4-trimethylbenzene		9.7		.5
54	SEC-butylbenzene		9.7		.5
55	P-isopropyltoluene		9.7		.5
56	1,3-dichlorobenzene		9.8		.5
57	1,4-dichlorobenzene		9.7		.5
58	N-butylbenzene		9.8		.5
59	1,2-dichlorobenzene		9.9		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		9.8		.5
62	Naphthalene		8.6		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		210		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10A.D Vial: 3
Acq On : 22 May 2002 1:26 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:16 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.02	114	1159657	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.69	117	1095081	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.87	152	549330	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	529858	4.68	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.60%			
3) 4-BROMOFLUOROBENZENE	24.28	174	439565	5.37	ug/L	-0.02
Spiked Amount 5.000			Recovery = 107.40%			
25) TOLUENE-D8	18.39	98	1405646	4.70	ug/L	-0.02
Spiked Amount 5.000			Recovery = 94.00%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.81	85	418007	9.42	ug/L	97
5) CHLOROMETHANE	5.33	50	660769	9.52	ug/L	97
6) VINYL CHLORIDE	5.55	62	356713	10.15	ug/L	99
7) BROMOMETHANE	6.52	94	177520	9.71	ug/L	100
8) CHLOROETHANE	6.66	64	345901	9.98	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.21	101	597588	9.21	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.11	101	319323	8.61	ug/L	96
12) ACETONE	8.19	43	266524	25.95	ug/L	99
13) 1,1-DICHLOROETHENE	8.53	61	730354	8.76	ug/L	99
14) METHYLENE CHLORIDE	9.54	49	711530	9.36	ug/L	98
15) METHYL TERT BUTYL ETHER	9.84	73	545423	9.26	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.20	61	822572	9.73	ug/L	95
17) 1,1-DICHLOROETHANE	11.10	63	894818	9.78	ug/L	100
18) 2-BUTANONE (MEK)	11.92	43	318545	41.30	ug/L	96
19) 2,2-DICHLOROPROPANE	12.31	77	714499	9.62	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.40	96	497598	10.02	ug/L	96
21) CHLOROFORM	12.74	83	935959	9.56	ug/L	99
22) BROMOCHLOROMETHANE	13.11	49	396069	10.28	ug/L	95
23) 1,2-DICHLOROETHANE	14.46	62	724598	9.90	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.62	97	746404	8.38	ug/L	99
27) 1,1-DICHLOROPROPENE	13.94	75	750609	9.05	ug/L	98
28) CARBON TETRACHLORIDE	14.22	117	627441	8.56	ug/L	99
29) BENZENE	14.56	78	1669804	9.33	ug/L	99
30) TRICHLOROETHENE	15.83	95	538685	9.03	ug/L	99
31) 1,2-DICHLOROPROPANE	16.19	63	457582	9.47	ug/L	98
32) DIBROMOMETHANE	16.86	174	219791	9.39	ug/L	100
33) BROMODICHLOROMETHANE	16.70	83	644760	9.18	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.18	63	119206	12.80	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.26	58	255117	42.15	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.79	75	657657	9.67	ug/L	99
37) TOLUENE	18.56	91	1718387	9.40	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.83	75	478378	8.41	ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.22	97	276991	9.84	ug/L	99
40) TETRACHLOROETHENE	20.01	166	516392	9.59	ug/L	98
41) 1,3-DICHLOROPROPANE	19.75	76	546696	10.00	ug/L	97
42) DIBROMOCHLOROMETHANE	20.45	129	336739	9.89	ug/L	95
43) 1,2-DIBROMOETHANE	20.89	107	286125	9.76	ug/L	99
44) CHLOROBENZENE	21.78	112	1090075	9.85	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	415804	9.73	ug/L	97
46) 2-HEXANONE	19.12	43	485629	41.92	ug/L	100
47) ETHYLBENZENE	21.81	91	2079407	9.66	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10A.D Vial: 3
Acq On : 22 May 2002 1:26 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:16 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

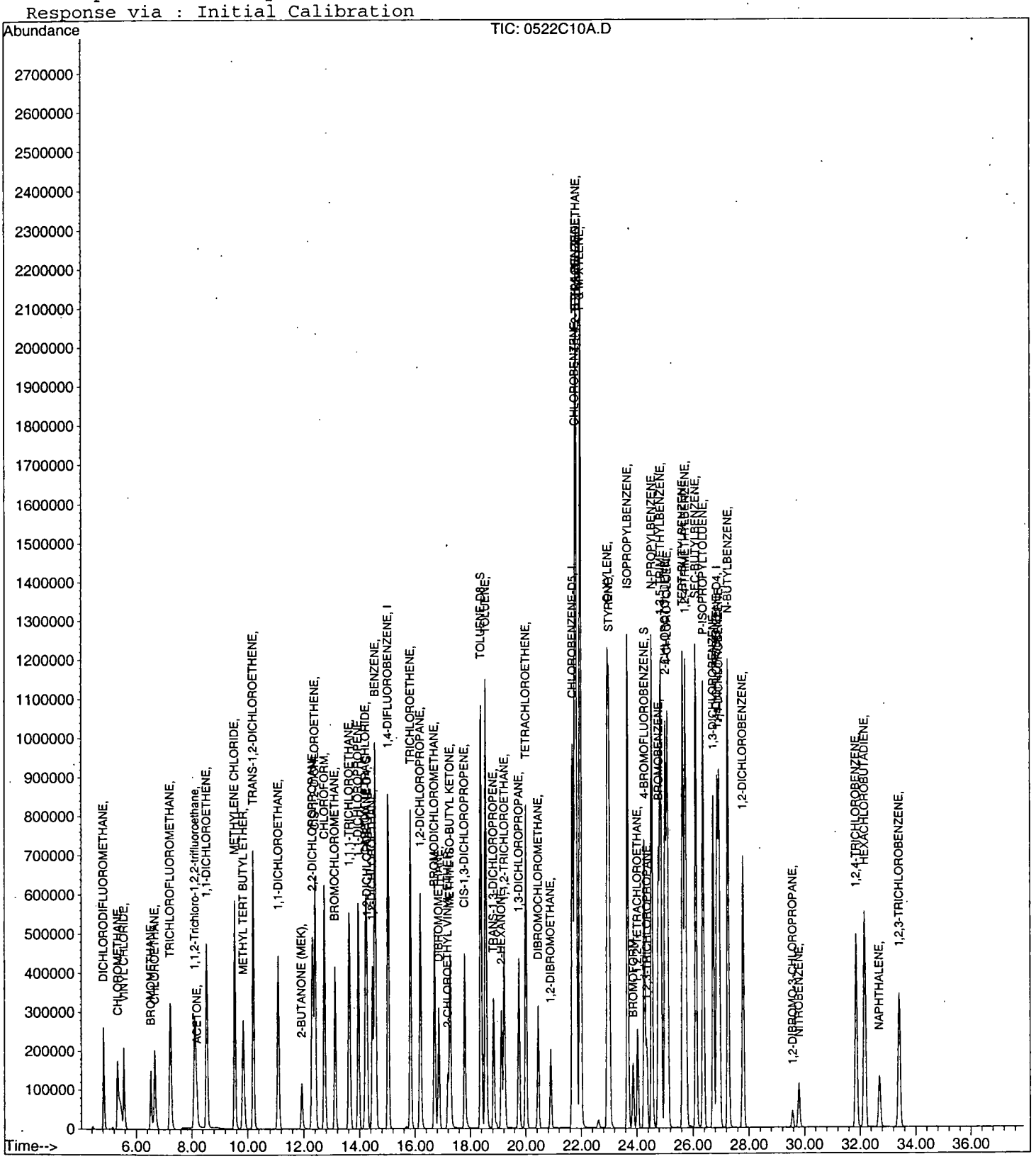
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	21.96	106	1338085	19.37	ug/L	99
49)	O-XYLENE	22.95	91	1616772	9.64	ug/L	98
50)	STYRENE	23.00	104	1062482	9.94	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.02	83	295024	10.68	ug/L	100
53)	BROMOFORM	23.87	173	162300	11.49	ug/L	96
54)	ISOPROPYLBENZENE	23.67	105	1791260	9.84	ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.36	110	91615	10.44	ug/L	99
56)	N-PROPYLBENZENE	24.53	91	2308215	9.64	ug/L	99
57)	BROMOBENZENE	24.79	156	441466	9.94	ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.86	105	1590637	9.72	ug/L	97
59)	2-CHLOROTOLUENE	25.03	91	1663737	9.97	ug/L	99
60)	4-CHLOROTOLUENE	25.10	91	1376279	8.25	ug/L	97
61)	TERT-BUTYLBENZENE	25.64	119	1427721	9.83	ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.74	105	1632999	9.68	ug/L	96
63)	SEC-BUTYLBENZENE	26.10	105	1947266	9.75	ug/L	100
64)	P-ISOPROPYLTOLUENE	26.37	119	1517194	9.65	ug/L	95
65)	1,3-DICHLOROBENZENE	26.73	146	813067	9.78	ug/L	96
66)	1,4-DICHLOROBENZENE	26.93	146	816445	9.69	ug/L	99
67)	N-BUTYLBENZENE	27.26	91	1596528	9.79	ug/L	98
68)	1,2-DICHLOROBENZENE	27.79	146	681740	9.90	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.57	157	37296	11.07	ug/L	87
70)	1,2,4-TRICHLOROBENZENE	31.85	180	453231	9.95	ug/L	99
71)	HEXACHLOROBUTADIENE	32.16	225	343404	9.79	ug/L	97
72)	NAPHTHALENE	32.69	128	314124	8.57	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.40	180	350925	10.04	ug/L	94
74)	NITROBENZENE	29.79	77	157844	210.99	ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10A.D Vial: 3
Acq On : 22 May 2002 1:26 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:16 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10A.D Vial: 3
Acq On : 22 May 2002 1:26 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 22 14:36 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 20 13:51:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.02	114	1159657	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.69	117	1095081	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.87	152	549330	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	529858	4.68	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.60%			
3) 4-BROMOFLUOROBENZENE	24.28	174	439565	5.37	ug/L	-0.02
Spiked Amount 5.000			Recovery = 107.40%			
25) TOLUENE-D8	18.39	98	1405646	4.70	ug/L	-0.02
Spiked Amount 5.000			Recovery = 94.00%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.81	85	418007	8.80	ug/L	97
5) CHLOROMETHANE	5.33	50	660117	9.51	ug/L	97
6) VINYL CHLORIDE	5.55	62	356713	8.60	ug/L	99
7) BROMOMETHANE	6.52	94	177520	7.51	ug/L	100
8) CHLOROETHANE	6.66	64	345901	9.98	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.21	101	597588	9.21	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.11	101	319323	8.61	ug/L	96
12) ACETONE	8.19	43	266524	25.95	ug/L	99
13) 1,1-DICHLOROETHENE	8.53	61	730354	8.76	ug/L	99
14) METHYLENE CHLORIDE	9.54	49	711530	9.36	ug/L	98
15) METHYL TERT BUTYL ETHER	9.84	73	545423	9.26	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.20	61	822572	9.73	ug/L	95
17) 1,1-DICHLOROETHANE	11.10	63	894818	9.78	ug/L	100
18) 2-BUTANONE (MEK)	11.92	43	318545	41.30	ug/L	96
19) 2,2-DICHLOROPROPANE	12.31	77	714499	9.62	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.40	96	497598	10.02	ug/L	96
21) CHLOROFORM	12.74	83	935959	9.56	ug/L	99
22) BROMOCHLOROMETHANE	13.11	49	396069	10.28	ug/L	95
23) 1,2-DICHLOROETHANE	14.46	62	724598	9.90	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.62	97	746404	8.38	ug/L	99
27) 1,1-DICHLOROPROPENE	13.94	75	750609	9.05	ug/L	98
28) CARBON TETRACHLORIDE	14.22	117	627441	8.56	ug/L	99
29) BENZENE	14.56	78	1669804	9.33	ug/L	99
30) TRICHLOROETHENE	15.83	95	538685	9.03	ug/L	99
31) 1,2-DICHLOROPROPANE	16.19	63	457582	9.47	ug/L	98
32) DIBROMOMETHANE	16.86	174	219791	9.39	ug/L	100
33) BROMODICHLOROMETHANE	16.70	83	644760	9.18	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.18	63	119206	12.80	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.26	58	255117	42.15	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.79	75	657657	9.67	ug/L	99
37) TOLUENE	18.56	91	1718387	9.40	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.83	75	478378	8.41	ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.22	97	276991	9.84	ug/L	99
40) TETRACHLOROETHENE	20.01	166	516392	9.59	ug/L	98
41) 1,3-DICHLOROPROPANE	19.75	76	546696	10.00	ug/L	97
42) DIBROMOCHLOROMETHANE	20.45	129	336739	9.89	ug/L	95
43) 1,2-DIBROMOETHANE	20.89	107	286125	9.76	ug/L	99
44) CHLOROBENZENE	21.78	112	1090075	9.85	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	415804	9.73	ug/L	97
46) 2-HEXANONE	19.12	43	485629	41.92	ug/L	100
47) ETHYLBENZENE	21.81	91	2079407	9.66	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10A.D Vial: 3
Acq On : 22 May 2002 1:26 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 22 14:36 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 20 13:51:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

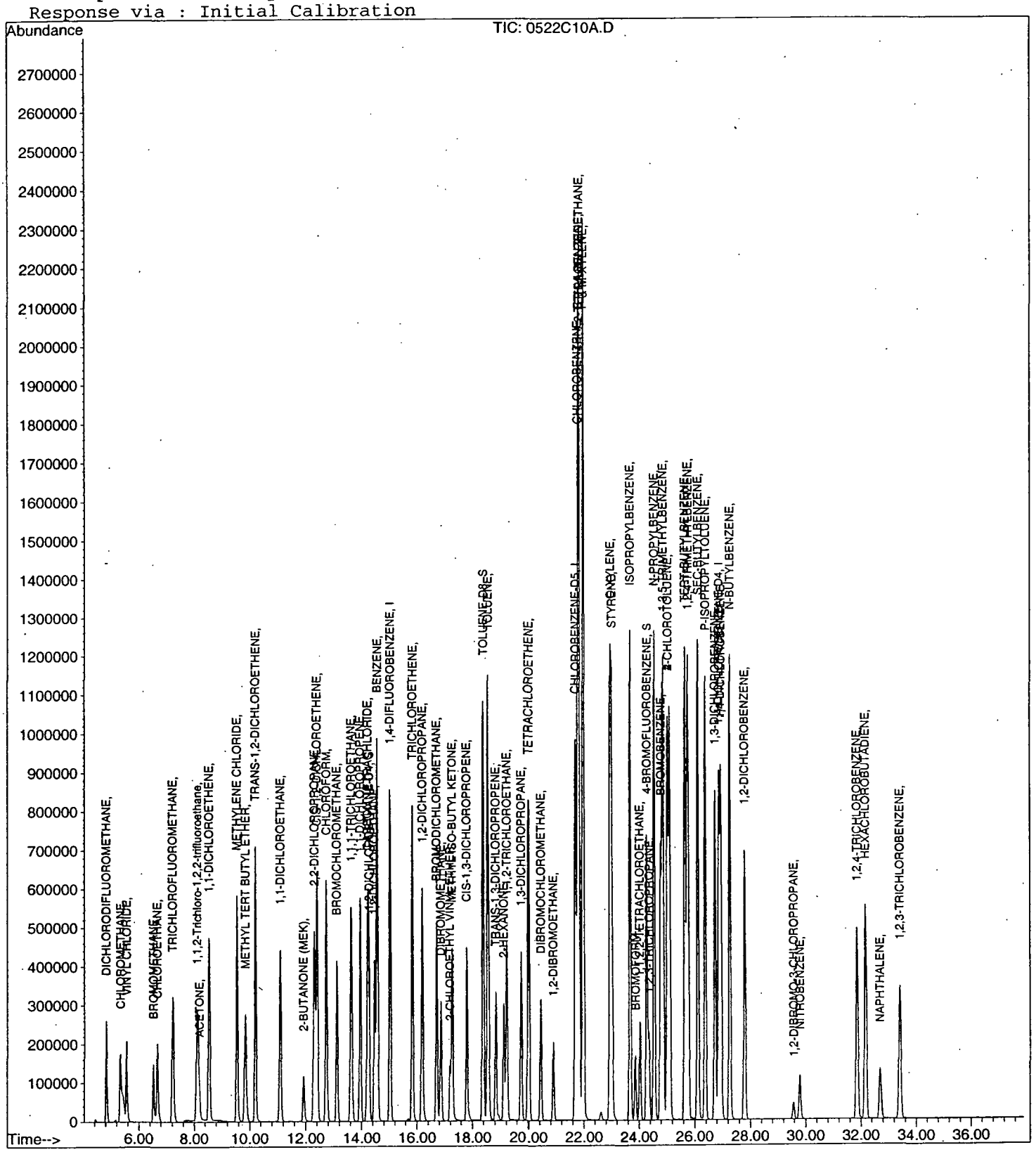
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	21.96	106	1338085	19.37	ug/L	99
49)	O-XYLENE	22.95	91	1616772	9.64	ug/L	98
50)	STYRENE	23.00	104	1062482	9.94	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.02	83	295024	10.68	ug/L	100
53)	BROMOFORM	23.87	173	162300	11.49	ug/L	96
54)	ISOPROPYLBENZENE	23.67	105	1791260	9.84	ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.36	110	91615	10.44	ug/L	99
56)	N-PROPYLBENZENE	24.53	91	2308215	9.64	ug/L	99
57)	BROMOBENZENE	24.79	156	441466	9.94	ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.86	105	1590637	9.72	ug/L	97
59)	2-CHLOROTOLUENE	25.03	91	1663737	9.97	ug/L	99
60)	4-CHLOROTOLUENE	25.03	91	1663737	9.97	ug/L	99
61)	TERT-BUTYLBENZENE	25.64	119	1427721	9.83	ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.74	105	1632999	9.68	ug/L	96
63)	SEC-BUTYLBENZENE	26.10	105	1947266	9.75	ug/L	100
64)	P-ISOPROPYLTOLUENE	26.37	119	1517194	9.65	ug/L	95
65)	1,3-DICHLOROBENZENE	26.73	146	813067	9.78	ug/L	96
66)	1,4-DICHLOROBENZENE	26.93	146	816445	9.69	ug/L	99
67)	N-BUTYLBENZENE	27.26	91	1596528	9.79	ug/L	98
68)	1,2-DICHLOROBENZENE	27.79	146	681740	9.90	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.57	157	37296	11.07	ug/L	87
70)	1,2,4-TRICHLOROBENZENE	31.85	180	453231	9.95	ug/L	99
71)	HEXACHLOROBUTADIENE	32.16	225	343404	9.79	ug/L	97
72)	NAPHTHALENE	32.69	128	314124	7.30	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.40	180	350925	10.04	ug/L	94
74)	NITROBENZENE	29.79	77	157844	210.99	ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10A.D Vial: 3
Acq On : 22 May 2002 1:26 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 22 14:36 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon May 20 13:29:16 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:52:37

Sample: AE11905
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/22/02 00:02 Ended: 5/22/02 00:02 Analyst: BH
Result source: a:\0522r5.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.6		
2	4-BROMOFLUOROBENZENE		5.4		
3	DICHLORODIFLUOROMETHAN		5.8		.5
4	CHLOROMETHANE		5.7		.5
5	VINYL CHLORIDE		6.0		.5
6	BROMOMETHANE		4.9		.5
7	CHLOROETHANE		5.5		.5
8	TRICHLOROFLUOROMETHAN		5.2		.5
9	ACETONE		19		.5
10	1,1-DICHLOROETHENE		4.7		.5
11	METHYLENE CHLORIDE		5.2		.5
12	METHYL TERT BUTYL ETHER		5.0		1
13	TRANS-1,2-DICHLOROETHEN		5.3		.5
14	1,1-DICHLOROETHANE		5.4		.5
15	2-BUTANONE (MEK)		24		.5
16	2,2-DICHLOROPROPANE		5.2		.5
17	CIS-1,2-DICHLOROETHENE		5.3		.5
18	CHLOROFORM		5.2		.5
19	BROMOCHLOROMETHANE		5.5		.5
20	1,2-DICHLOROETHANE		5.0		.5
21	TOLUENE-D8		4.9		
22	1,1,1-TRICHLOROETHANE		4.7		.5
23	1,1-DICHLOROPROPENE		4.8		.5
24	CARBON TETRACHLORIDE		4.7		.5
25	BENZENE		5.4		.5
26	TRICHLOROETHENE		4.9		.5
27	1,2-DICHLOROPROPANE		5.0		.5
28	DIBROMOMETHANE		4.9		.5
29	BROMODICHLOROMETHANE		5.0		.5
30	2-CHLOROETHYL VINYL ETHE		30		.5
31	METHYL ISO-BUTYL KETONE		23		1
32	CIS-1,3-DICHLOROPROPENE		4.8		.5
33	TOLUENE		5.5		.5
34	TRANS-1,3-DICHLOROPROPE		4.2		.5
35	1,1,2-TRICHLOROETHANE		5.1		.5
36	TETRACHLOROETHENE		5.3		.5
37	1,3-DICHLOROPROPANE		5.0		.5
38	DIBROMOCHLOROMETHANE		5.0		2
39	1,2-DIBROMOETHANE		4.7		.5
40	CHLOROBENZENE		5.7		.5
41	1,1,1,2-TETRACHLOROETHA		5.1		.5
42	2-HEXANONE		23		.5
43	ETHYLBENZENE		5.6		.5
44	P & M-XYLENE		11		.5
45	O-XYLENE		5.7		.5
46	STYRENE		5.7		.5
47	1,1,2,2-TETRACHLOROETHA		5.3		.5
48	BROMOFORM		5.0		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:52:37

Sample: AE11905
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/22/02 00:02 Ended: 5/22/02 00:02 Analyst: BH
Result source: a:\0522r5.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		5.5		.5
50	1,2,3-TRICHLOROPROPANE		5.1		.5
51	N-PROPYLBENZENE		5.4		.5
52	BROMOBENZENE		5.4		.5
53	1,3,5-TRIMETHYLBENZENE		5.5		.5
54	2-CHLOROTOLUENE		5.1		.5
55	4-CHLOROTOLUENE		5.2		.5
56	TERT-BUTYLBENZENE		5.6		.5
57	1,2,4-TRIMETHYLBENZENE		5.5		.5
58	SEC-BUTYLBENZENE		5.6		.5
59	P-ISOPROPYLTOLUENE		5.7		.5
60	1,3-DICHLOROBENZENE		5.6		.5
61	1,4-DICHLOROBENZENE		5.5		.5
62	N-BUTYLBENZENE		5.7		.5
63	1,2-DICHLOROBENZENE		5.5		.5
64	1,2-DIBROMO-3-CHLOROPRO		4.8		.5
65	1,2,4-TRICHLOROBENZENE		5.5		.5
66	HEXACHLOROBUTADIENE		5.4		.5
67	NAPHTHALENE		6.0		.5
68	1,2,3-TRICHLOROBENZENE		5.7		.5
69	ETHANOL		< MRL		30
70	NITROBENZENE		98		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:46:23

Sample: AE11905
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/24/02 12:09 Ended: 5/24/02 12:09 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6		.5
2	Surr - 4-BROMOFLUOROBENZ		5.4		.5
3	Dichlorodifluoromethane		116		.5
4	Chloromethane		114		.5
5	Vinyl chloride		120		.5
6	Bromomethane		98		.5
7	Chloroethane		110		.5
8	Trichlorofluoromethane		104		.5
9	1,1-Dichloroethene		94		.5
10	Methylene Chloride		104		.5
11	Methyl tert butyl ether		100		1.0
12	trans-1,2-dichloroethene		106		.5
13	1,1-dichloroethane		108		.5
14	2-butanone (MEK)		120		2.0
15	2,2-dichloropropane		104		.5
16	cis-1,2-dichloroethene		106		.5
17	Chloroform		104		.5
18	Bromochloromethane		110		.5
19	1,2-dichloroethane		100		.5
20	Surr - TOLUENE-D8		4.9		.5
21	1,1,1-trichloroethane		94		.5
22	1,1-dichloropropene		96		.5
23	Carbon tetrachloride		94		.5
24	Benzene		108		.5
25	Trichloroethene		98		.5
26	1,2-dichloropropane		100		.5
27	Dibromomethane		98		.5
28	Bromodichloromethane		100		.5
29	Methyl iso-butyl ketone		115		1.0
30	cis-1,3-dichloropropene		96		.5
31	Toluene		110		.5
32	trans-1,3-dichloropropene		84		.5
33	1,1,2-trichloroethane		102		.5
34	Tetrachloroethene		106		.5
35	1,3-dichloropropane		100		.5
36	Dibromochloromethane		100		2.0
37	Chlorobenzene		114		.5
38	1,1,1,2-tetrachloroethane		102		.5
39	Ethylbenzene		112		.5
40	P & M-xylene		110		.5
41	O-xylene		114		.5
42	Styrene		114		.5
43	1,1,2,2-tetrachloroethane		106		.5
44	Bromoform		100		2.0
45	Isopropylbenzene		110		.5
46	1,2,3-trichloropropane		102		.5
47	N-propylbenzene		108		.5
48	Bromobenzene		108		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:46:23

Sample: AE11905
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/24/02 12:09 Ended: 5/24/02 12:09 Analyst: BH
Result source: manual entry
Page: 2

#	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		110		.5
50	2-chlorotoluene		102		.5
51	4-chlorotoluene		102		.5
52	TERT-butylbenzene		112		.5
53	1,2,4-trimethylbenzene		110		.5
54	SEC-butylbenzene		112		.5
55	P-isopropyltoluene		114		.5
56	1,3-dichlorobenzene		112		.5
57	1,4-dichlorobenzene		110		.5
58	N-butylbenzene		114		.5
59	1,2-dichlorobenzene		110		.5
60	1,2,4-trichlorobenzene		110		.5
61	Hexachlorobutadiene		108		.5
62	Naphthalene		106		.5
63	1,2,3-trichlorobenzene		114		.5
64	Ethanol		< MRL		
65	Nitrobenzene		98		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522R5.D Vial: 9
Acq On : 22 May 2002 2:26 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:22 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	1116137	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.69	117	1020289	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.88	152	531499	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	505420	4.64	ug/L	0.00
Spiked Amount 5.000			Recovery = 92.80%			
3) 4-BROMOFLUOROBENZENE	24.28	174	422162	5.36	ug/L	-0.02
Spiked Amount 5.000			Recovery = 107.20%			
25) TOLUENE-D8	18.39	98	1351976	4.85	ug/L	-0.02
Spiked Amount 5.000			Recovery = 97.00%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.81	85	217167	5.77	ug/L	99
5) CHLOROMETHANE	5.32	50	382402	5.72	ug/L	97
6) VINYL CHLORIDE	5.55	62	209987	6.04	ug/L	100
7) BROMOMETHANE	6.53	94	83263	4.94	ug/L	98
8) CHLOROETHANE	6.66	64	182426	5.47	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.23	101	325901	5.22	ug/L	98
12) ACETONE	8.19	43	191193	19.34	ug/L	100
13) 1,1-DICHLOROETHENE	8.55	61	380358	4.74	ug/L	98
14) METHYLENE CHLORIDE	9.55	49	383193	5.24	ug/L	98
15) METHYL TERT BUTYL ETHER	9.86	73	283669	5.00	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.22	61	429441	5.28	ug/L	96
17) 1,1-DICHLOROETHANE	11.10	63	475562	5.40	ug/L	99
18) 2-BUTANONE (MEK)	11.94	43	178516	24.05	ug/L	94
19) 2,2-DICHLOROPROPANE	12.33	77	371194	5.19	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.41	96	255713	5.35	ug/L	97
21) CHLOROFORM	12.75	83	491107	5.21	ug/L	99
22) BROMOCHLOROMETHANE	13.13	49	202261	5.46	ug/L	99
23) 1,2-DICHLOROETHANE	14.47	62	354685	5.04	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.64	97	386025	4.65	ug/L	99
27) 1,1-DICHLOROPROPENE	13.96	75	369966	4.79	ug/L	99
28) CARBON TETRACHLORIDE	14.23	117	320615	4.70	ug/L	100
29) BENZENE	14.57	78	894702	5.36	ug/L	100
30) TRICHLOROETHENE	15.83	95	271433	4.88	ug/L	94
31) 1,2-DICHLOROPROPANE	16.21	63	226906	5.04	ug/L	99
32) DIBROMOMETHANE	16.87	174	106585	4.89	ug/L	97
33) BROMODICHLOROMETHANE	16.72	83	324903	4.96	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.20	63	261498	30.13	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.28	58	129803	23.02	ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.81	75	303757	4.79	ug/L	99
37) TOLUENE	18.58	91	928105	5.45	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.85	75	224857	4.20	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.24	97	134096	5.11	ug/L	98
40) TETRACHLOROETHENE	20.02	166	268148	5.34	ug/L	97
41) 1,3-DICHLOROPROPANE	19.77	76	255619	5.02	ug/L	99
42) DIBROMOCHLOROMETHANE	20.45	129	159542	5.03	ug/L	98
43) 1,2-DIBROMOETHANE	20.91	107	128471	4.70	ug/L	98
44) CHLOROBENZENE	21.78	112	583035	5.65	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	203188	5.10	ug/L	96
46) 2-HEXANONE	19.12	43	250636	23.22	ug/L	97
47) ETHYLBENZENE	21.83	91	1125981	5.61	ug/L	99
48) P & M-XYLENE	21.98	106	739237	11.49	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522R5.D Vial: 9
Acq On : 22 May 2002 2:26 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:22 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

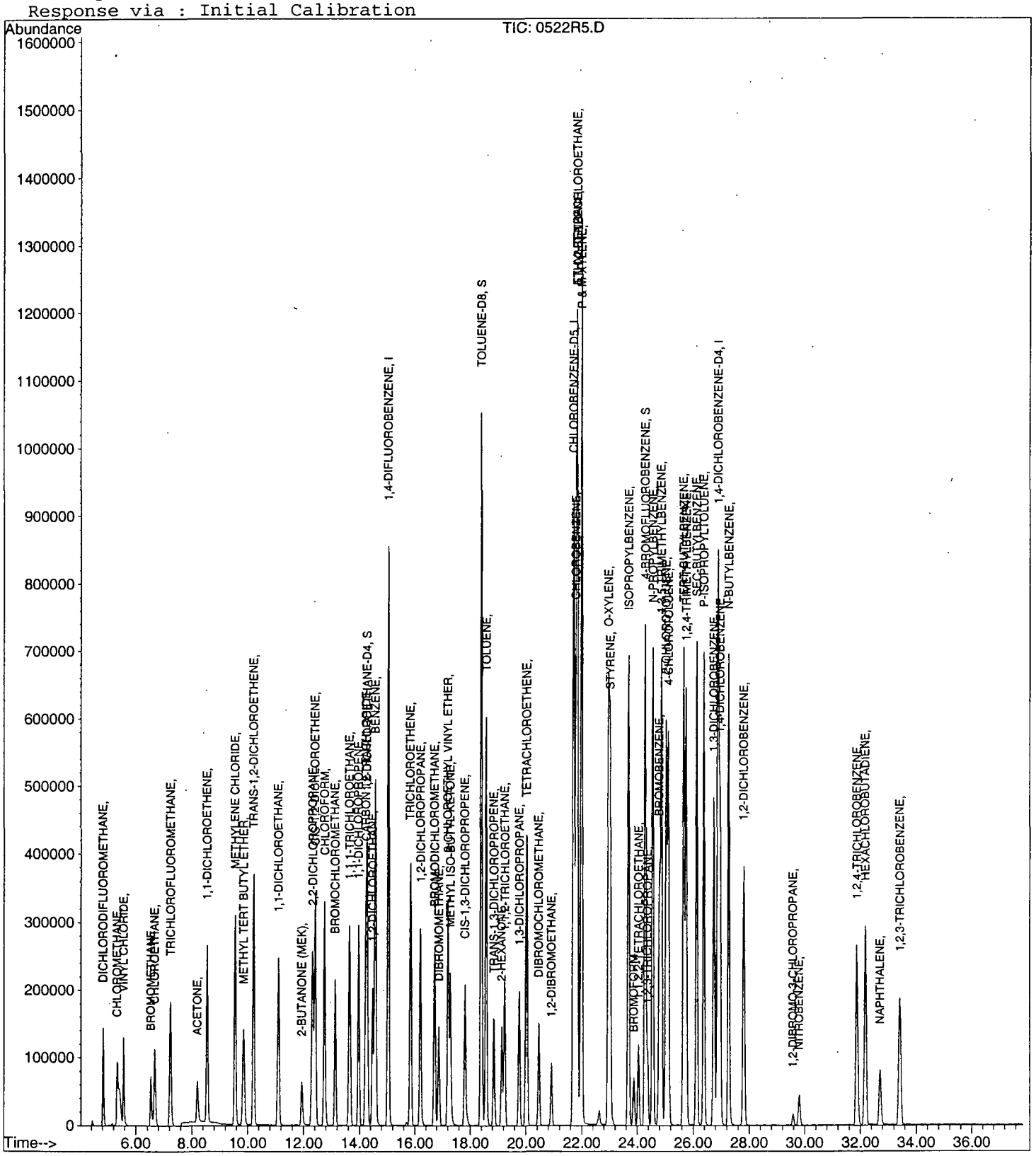
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	22.95	91	896933	5.74	ug/L	98
50)	STYRENE	23.02	104	562731	5.65	ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.04	83	137189	5.33	ug/L	98
53)	BROMOFORM	23.87	173	69004	5.05	ug/L	97
54)	ISOPROPYLBENZENE	23.68	105	967578	5.50	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.36	110	43032	5.07	ug/L	97
56)	N-PROPYLBENZENE	24.55	91	1254324	5.41	ug/L	98
57)	BROMOBENZENE	24.79	156	233174	5.42	ug/L	91
58)	1,3,5-TRIMETHYLBENZENE	24.86	105	874085	5.52	ug/L	98
59)	2-CHLOROTOLUENE	25.03	91	827394	5.13	ug/L	99
60)	4-CHLOROTOLUENE	25.11	91	844646	5.23	ug/L	97
61)	TERT-BUTYLBENZENE	25.66	119	789066	5.61	ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.74	105	892834	5.47	ug/L	99
63)	SEC-BUTYLBENZENE	26.12	105	1086934	5.62	ug/L	100
64)	P-ISOPROPYLTOLUENE	26.37	119	871239	5.73	ug/L	97
65)	1,3-DICHLOROBENZENE	26.73	146	447041	5.56	ug/L	99
66)	1,4-DICHLOROBENZENE	26.95	146	446551	5.48	ug/L	99
67)	N-BUTYLBENZENE	27.26	91	896080	5.68	ug/L	99
68)	1,2-DICHLOROBENZENE	27.80	146	366859	5.51	ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.57	157	15584	4.78	ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.87	180	241148	5.47	ug/L	97
71)	HEXACHLOROBUTADIENE	32.18	225	183597	5.41	ug/L	98
72)	NAPHTHALENE	32.71	128	198673	5.97	ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.42	180	192963	5.70	ug/L	97
74)	NITROBENZENE	29.79	77	71206	98.37	ug/L	92

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522R5.D Vial: 9
Acq On : 22 May 2002 2:26 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:22 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:50:02

Sample: AE12157
Analysis: $S_524 Spike recovery for 524
Units: ug
Started: 5/22/02 00:03 Ended: 5/22/02 00:03 Analyst: BH
Result source: a:\12157s.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.3		.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		.5
3	Dichlorodifluoromethane		16		.5
4	Chloromethane		20		.5
5	Vinyl chloride		15		.5
6	Bromomethane		22		.5
7	Chloroethane		20		.5
8	Trichlorofluoromethane		18		.5
9	1,1-Dichloroethene		20		.5
10	Methylene Chloride		21		.5
11	Methyl tert-butyl ether (MTBE)		19		1.0
12	trans-1,2-dichloroethene		23		.5
13	1,1-dichloroethane		23		.5
14	2-butanone (MEK)		83		2.0
15	2,2-dichloropropane		23		.5
16	cis-1,2-dichloroethene		22		.5
17	*THM-Chloroform		22		.5
18	Bromochloromethane		22		.5
19	1,2-dichloroethane		20		.5
20	Surr - TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		20		.5
22	1,1-dichloropropene		22		.5
23	Carbon tetrachloride		21		.5
24	Benzene		23		.5
25	Trichloroethene		21		.5
26	1,2-dichloropropane		21		.5
27	Dibromomethane		19		.5
28	*THM-Bromodichloromethane		21		.5
29	Methyl iso-butyl ketone (MIBK)		87		1.0
30	cis-1,3-dichloropropene		21		.5
31	Toluene		22		.5
32	trans-1,3-dichloropropene		19		.5
33	1,1,2-trichloroethane		19		.5
34	Tetrachloroethene		22		.5
35	1,3-dichloropropane		20		.5
36	*THM-Dibromochloromethane		21		2.0
37	Chlorobenzene		22		.5
38	1,1,1,2-tetrachloroethane		20		.5
39	Ethylbenzene		23		.5
40	P & M-xylene		46		.5
41	O-xylene		24		.5
42	Styrene		23		.5
43	1,1,2,2-tetrachloroethane		20		.5
44	*THM-Bromoform		23		2.0
45	Isopropylbenzene		23		.5
46	1,2,3-trichloropropane		19		.5
47	N-propylbenzene		23		.5
48	Bromobenzene		21		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:50:02

Sample: AE12157
Analysis: $S_524 Spike recovery for 524
Units: ug
Started: 5/22/02 00:03 Ended: 5/22/02 00:03 Analyst: BH
Result source: a:\12157s.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		23		.5
50	2-chlorotoluene		24		.5
51	4-chlorotoluene		18		.5
52	TERT-butylbenzene		23		.5
53	1,2,4-trimethylbenzene		23		.5
54	SEC-butylbenzene		24		.5
55	P-isopropyltoluene		24		.5
56	1,3-dichlorobenzene		23		.5
57	1,4-dichlorobenzene		22		.5
58	N-butylbenzene		25		.5
59	1,2-dichlorobenzene		22		.5
60	1,2,4-trichlorobenzene		22		.5
61	Hexachlorobutadiene		22		.5
62	Naphthalene		18		.5
63	1,2,3-trichlorobenzene		21		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:50:49

Sample: AE12157
Analysis: $R_524 Spike calculation for 524
Units: ug
Started: 5/29/02 16:57 Ended: 5/29/02 16:57 Analyst: SV
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		86		.5
2	Surr - 4-BROMOFLUOROBENZ		104		.5
3	Dichlorodifluoromethane		90		.5
4	Chloromethane		95		.5
5	Vinyl chloride		75		.5
6	Bromomethane		110		.5
7	Chloroethane		100		.5
8	Trichlorofluoromethane		90		.5
9	1,1-Dichloroethene		100		.5
10	Methylene Chloride		105		.5
11	Methyl tert-butyl ether (MTBE)		95		1.0
12	trans-1,2-dichloroethene		115		.5
13	1,1-dichloroethane		115		.5
14	2-butanone (MEK)		103.75		2.0
15	2,2-dichloropropane		115		.5
16	cis-1,2-dichloroethene		110		.5
17	*THM-Chloroform		110		.5
18	Bromochloromethane		110		.5
19	1,2-dichloroethane		100		.5
20	Surr - TOLUENE-D8		98		.5
21	1,1,1- trichloroethane		100		.5
22	1,1-dichloropropene		110		.5
23	Carbon tetrachloride		105		.5
24	Benzene		115		.5
25	Trichloroethene		105		.5
26	1,2-dichloropropane		105		.5
27	Dibromomethane		95		.5
28	*THM-Bromodichloromethane		105		.5
29	Methyl iso-butyl ketone (MIBK)		108.75		1.0
30	cis-1,3-dichloropropene		105		.5
31	Toluene		110		.5
32	trans-1,3-dichloropropene		95		.5
33	1,1,2-trichloroethane		95		.5
34	Tetrachloroethene		110		.5
35	1,3-dichloropropane		100		.5
36	*THM-Dibromochloromethane		105		2.0
37	Chlorobenzene		110		.5
38	1,1,1,2-tetrachloroethane		100		.5
39	Ethylbenzene		115		.5
40	P & M-xylene		115		.5
41	O-xylene		120		.5
42	Styrene		115		.5
43	1,1,2,2-tetrachloroethane		100		.5
44	*THM-Bromoform		115		2.0
45	Isopropylbenzene		115		.5
46	1,2,3-trichloropropane		95		.5
47	N-propylbenzene		115		.5
48	Bromobenzene		105		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:50:49

Sample: AE12157
Analysis: $R_524 Spike calculation for 524
Units: ug
Started: 5/29/02 16:57 Ended: 5/29/02 16:57 Analyst: SV
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		115		.5
50	2-chlorotoluene		120		.5
51	4-chlorotoluene		120		.5
52	TERT-butylbenzene		115		.5
53	1,2,4-trimethylbenzene		115		.5
54	SEC-butylbenzene		120		.5
55	P-isopropyltoluene		120		.5
56	1,3-dichlorobenzene		115		.5
57	1,4-dichlorobenzene		110		.5
58	N-butylbenzene	USPEC	125		.5
59	1,2-dichlorobenzene		110		.5
60	1,2,4-trichlorobenzene		110		.5
61	Hexachlorobutadiene		110		.5
62	Naphthalene		100		.5
63	1,2,3-trichlorobenzene		105		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\12157S.D Vial: 1
Acq On : 22 May 2002 3:35 pm Operator: 201-wb
Sample : nyc spk 20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:24 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	1070643	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	966758	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.88	152	498227	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	454150	4.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.80%			
3) 4-BROMOFLUOROBENZENE	24.30	174	390365	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.40%			
25) TOLUENE-D8	18.41	98	1286238	4.87	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.82	85	735310	16.47	ug/L	99
5) CHLOROMETHANE	5.34	50	1250675	19.51	ug/L	98
6) VINYL CHLORIDE	5.54	62	474113	15.27	ug/L	100
7) BROMOMETHANE	6.53	94	481169	21.76	ug/L	97
8) CHLOROETHANE	6.68	64	652734	20.39	ug/L	100
9) TRICHLOROFLUOROMETHANE	7.23	101	1089017	18.18	ug/L	98
12) ACETONE	8.19	43	429475	45.30	ug/L	96
13) 1,1-DICHLOROETHENE	8.55	61	1505170	19.56	ug/L	99
14) METHYLENE CHLORIDE	9.55	49	1445109	20.59	ug/L	97
15) METHYL TERT BUTYL ETHER	9.86	73	1058415	19.46	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.22	61	1773981	22.74	ug/L	94
17) 1,1-DICHLOROETHANE	11.10	63	1923123	22.76	ug/L	98
18) 2-BUTANONE (MEK)	11.94	43	592613	83.22	ug/L	96
19) 2,2-DICHLOROPROPANE	12.33	77	1553002	22.66	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.41	96	1014949	22.14	ug/L	97
21) CHLOROFORM	12.75	83	1945364	21.52	ug/L	97
22) BROMOCHLOROMETHANE	13.13	49	779299	21.91	ug/L	96
23) 1,2-DICHLOROETHANE	14.47	62	1323775	19.59	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.64	97	1568238	19.95	ug/L	100
27) 1,1-DICHLOROPROPENE	13.96	75	1598858	21.84	ug/L	100
28) CARBON TETRACHLORIDE	14.23	117	1335256	20.64	ug/L	99
29) BENZENE	14.57	78	3567430	22.57	ug/L	100
30) TRICHLOROETHENE	15.85	95	1117353	21.21	ug/L	99
31) 1,2-DICHLOROPROPANE	16.21	63	916212	21.48	ug/L	98
32) DIBROMOMETHANE	16.87	174	402988	19.49	ug/L	100
33) BROMODICHLOROMETHANE	16.72	83	1294687	20.87	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.20	63	303821	36.94	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.28	58	466675	87.33	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.81	75	1265853	21.08	ug/L	98
37) TOLUENE	18.58	91	3623479	22.46	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.85	75	948184	19.43	ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.24	97	480915	19.35	ug/L	99
40) TETRACHLOROETHENE	20.02	166	1057179	22.23	ug/L	97
41) 1,3-DICHLOROPROPANE	19.77	76	957286	19.84	ug/L	97
42) DIBROMOCHLOROMETHANE	20.45	129	640619	21.31	ug/L	96
43) 1,2-DIBROMOETHANE	20.91	107	491362	18.99	ug/L	100
44) CHLOROBENZENE	21.79	112	2161331	22.12	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	752156	19.93	ug/L	97
46) 2-HEXANONE	19.12	43	861999	84.28	ug/L	100
47) ETHYLBENZENE	21.83	91	4313834	22.70	ug/L	100
48) P & M-XYLENE	21.98	106	2806918	46.02	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\12157S.D Vial: 1
Acq On : 22 May 2002 3:35 pm Operator: 201-wb
Sample : nyc spk 20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:24 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

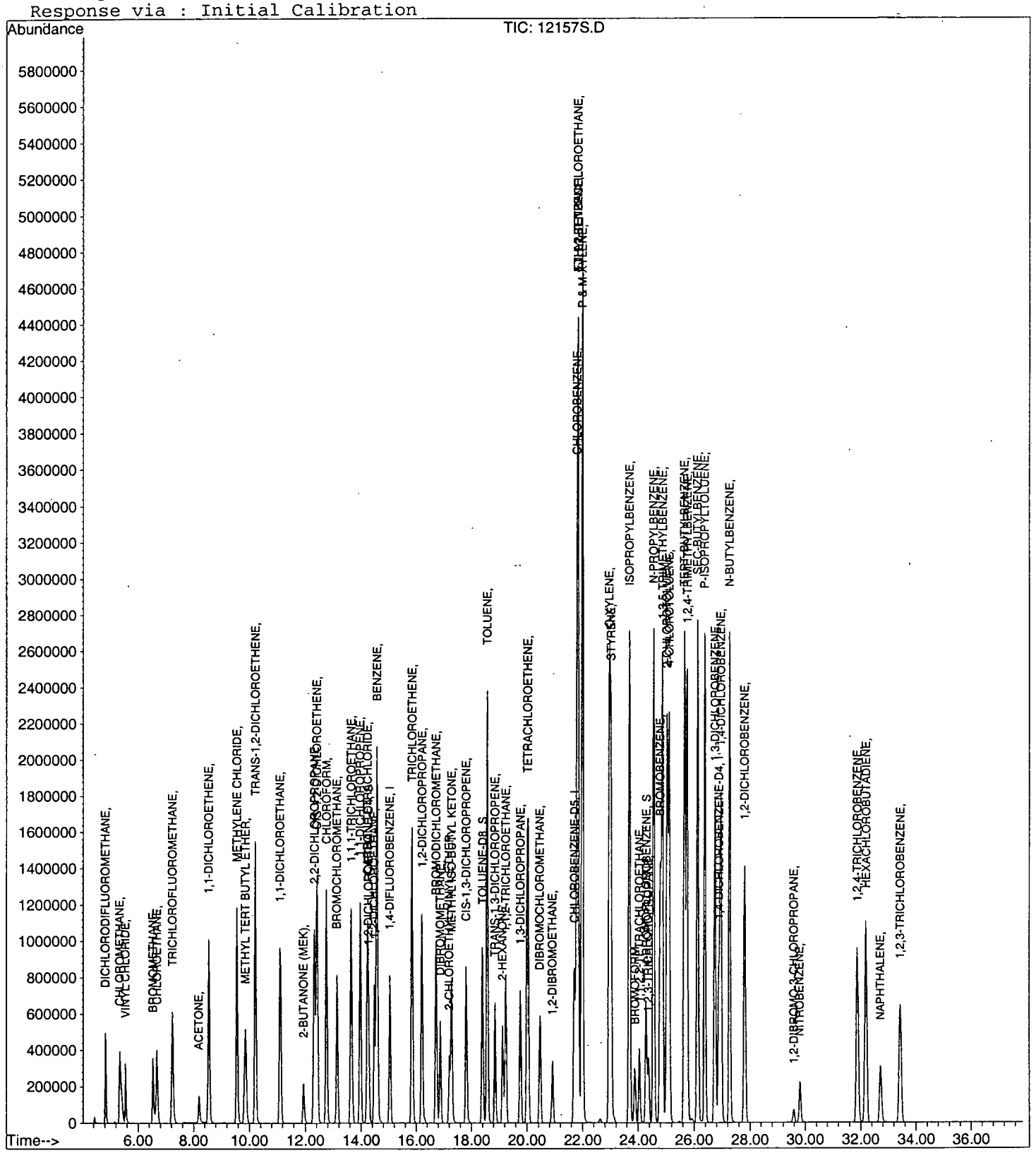
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	22.95	91	3524734	23.80	ug/L	98
50)	STYRENE	23.02	104	2188420	23.20	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.04	83	476696	19.55	ug/L	100
53)	BROMOFORM	23.89	173	293054	22.87	ug/L	98
54)	ISOPROPYLBENZENE	23.68	105	3860352	23.39	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.36	110	148627	18.68	ug/L	94
56)	N-PROPYLBENZENE	24.55	91	4960781	22.84	ug/L	100
57)	BROMOBENZENE	24.79	156	859560	21.33	ug/L	86
58)	1,3,5-TRIMETHYLBENZENE	24.88	105	3444514	23.21	ug/L	99
59)	2-CHLOROTOLUENE	25.03	91	3661051	24.20	ug/L	97
60)	4-CHLOROTOLUENE	25.11	91	2773885	18.33	ug/L	97
61)	TERT-BUTYLBENZENE	25.66	119	3091056	23.46	ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.76	105	3486934	22.78	ug/L	98
63)	SEC-BUTYLBENZENE	26.12	105	4329400	23.90	ug/L	100
64)	P-ISOPROPYLTOLUENE	26.37	119	3484609	24.44	ug/L	99
65)	1,3-DICHLOROBENZENE	26.75	146	1716405	22.76	ug/L	98
66)	1,4-DICHLOROBENZENE	26.95	146	1661999	21.75	ug/L	98
67)	N-BUTYLBENZENE	27.26	91	3646519	24.66	ug/L	99
68)	1,2-DICHLOROBENZENE	27.80	146	1369545	21.93	ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.59	157	61958	20.27	ug/L	93
70)	1,2,4-TRICHLOROBENZENE	31.87	180	896033	21.70	ug/L	97
71)	HEXACHLOROBUTADIENE	32.20	225	697499	21.91	ug/L	98
72)	NAPHTHALENE	32.71	128	763807	18.39	ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.42	180	666441	21.01	ug/L	97
74)	NITROBENZENE	29.80	77	320664	472.59	ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12157S.D Vial: 1
Acq On : 22 May 2002 3:35 pm Operator: 201-wb
Sample : nyc spk 20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:24 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may22\0522B2.D Vial: 1
Acq On : 22 May 2002 4:18 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 22 16:57 2002 Quant Results File: HP052102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 22 11:53:20 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

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%		

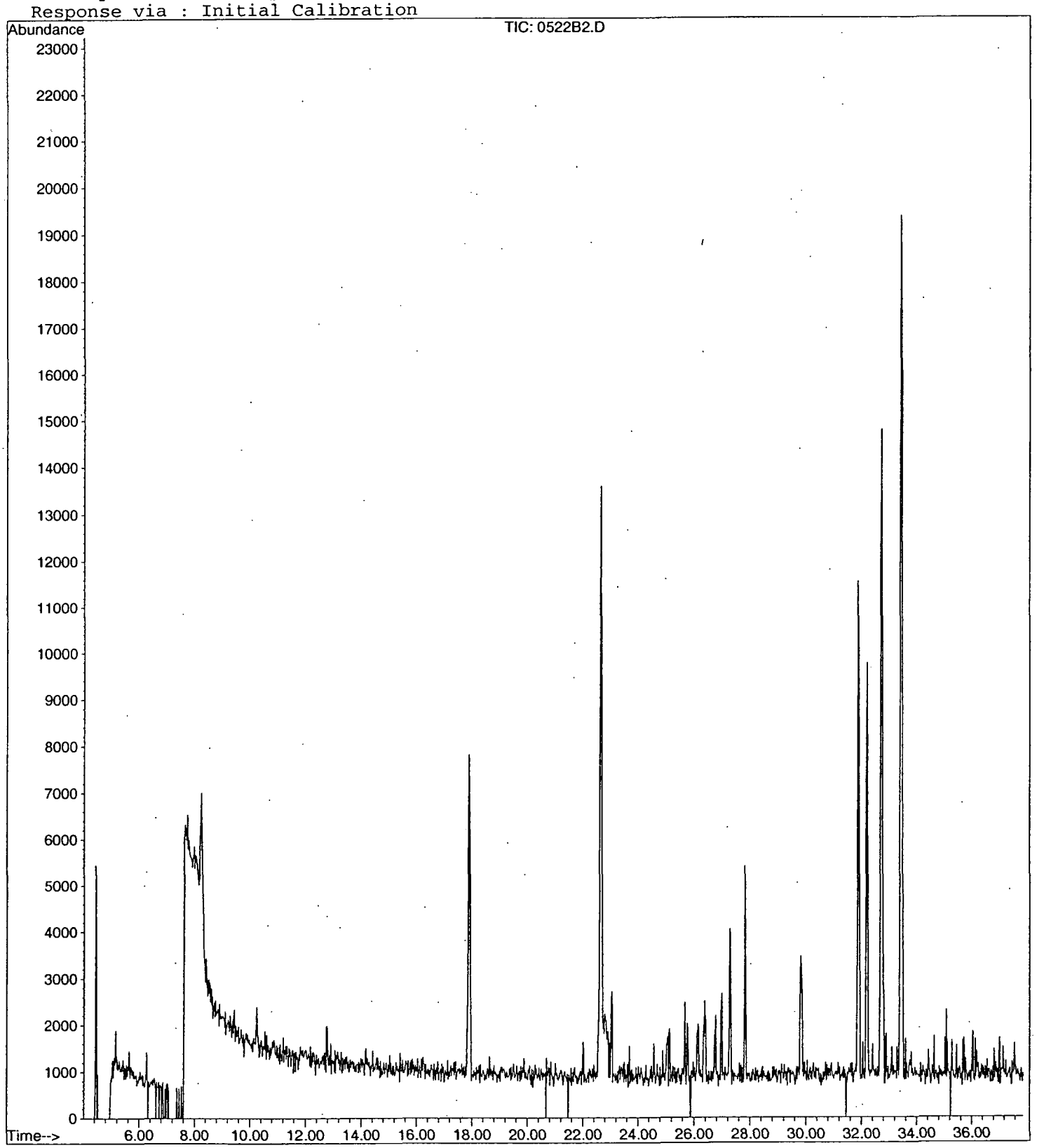
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may22\0522B2.D Vial: 1
Acq On : 22 May 2002 4:18 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 22 16:57 2002 Quant Results File: HP052102.RES

Method : C:\HPCHEM\1\METHODS\HP052102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 22 11:18:19 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:46:32

Sample: AE11901
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/22/2002 00:05 Ended: 5/22/2002 00:05 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		5.1	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		0.12-below MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		4.9	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

REVIEWED BY AV
DATE 5/29/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:46:32

Sample: AE11901
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/22/2002 00:05 Ended: 5/22/2002 00:05 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	0.5
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\02MAY22\11901.D Vial: 2
Acq On : 22 May 2002 5:02 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:13 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1010890	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.71	117	936664	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.90	152	427003	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	449453	4.55	ug/L	0.03
Spiked Amount 5.000			Recovery = 91.00%			
3) 4-BROMOFLUOROBENZENE	24.30	174	360956	5.06	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.20%			
25) TOLUENE-D8	18.41	98	1248563	4.88	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.60%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	19086	2.13	ug/L	92
21) CHLOROFORM	12.77	83	9895	0.12	ug/L	98

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

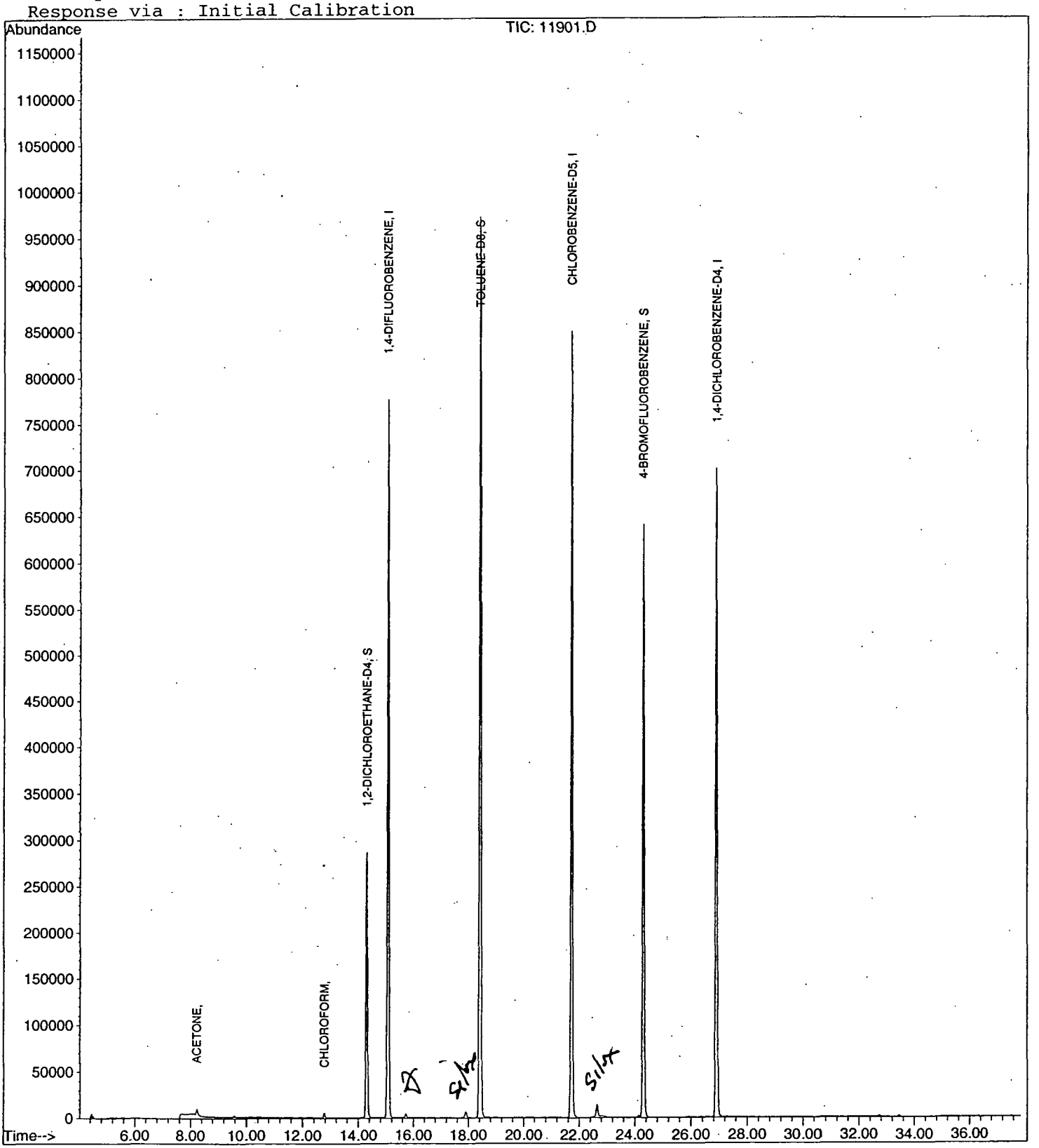
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11901.D
Acq On : 22 May 2002 5:02 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 23 9:13 2002

Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11901.D Vial: 2
Acq On : 22 May 2002 5:02 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

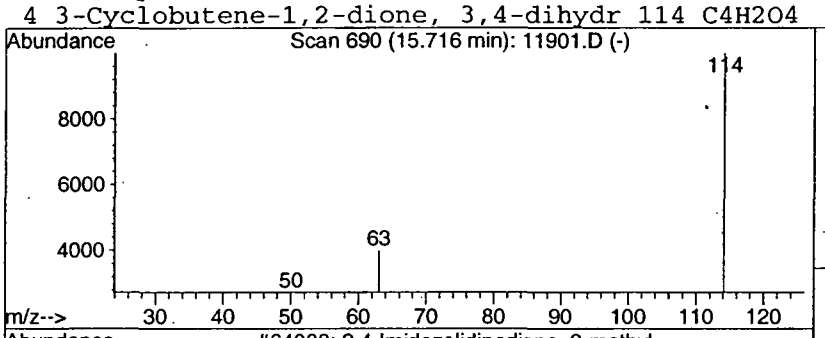
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

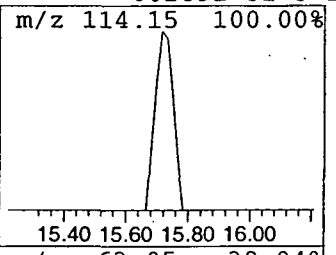
****

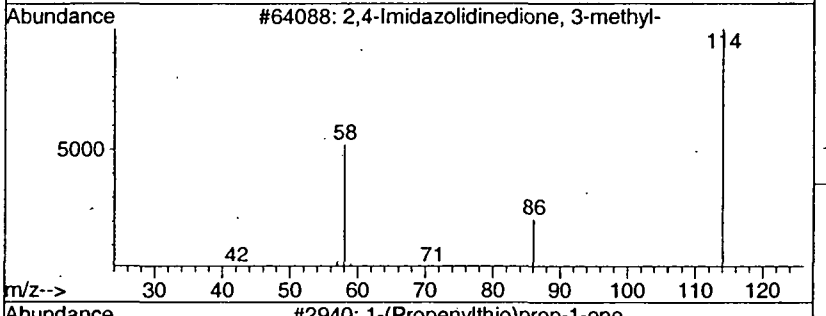
Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 3

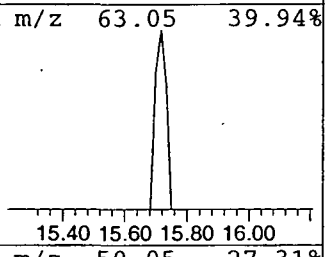
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	0.03 ug/L	15946	1,4-DIFLUOROBENZENE	15.05

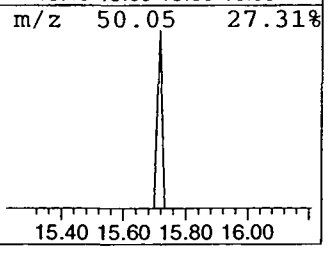
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

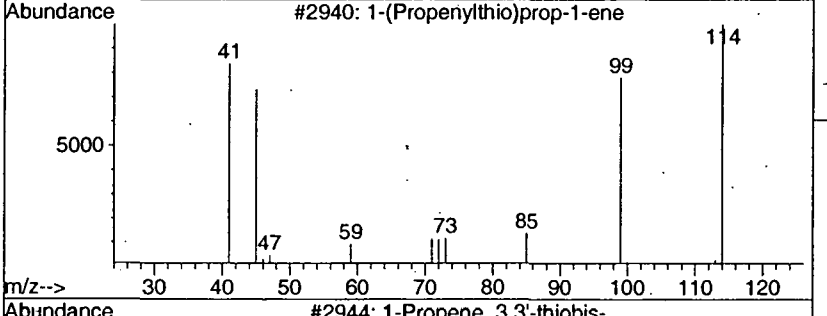


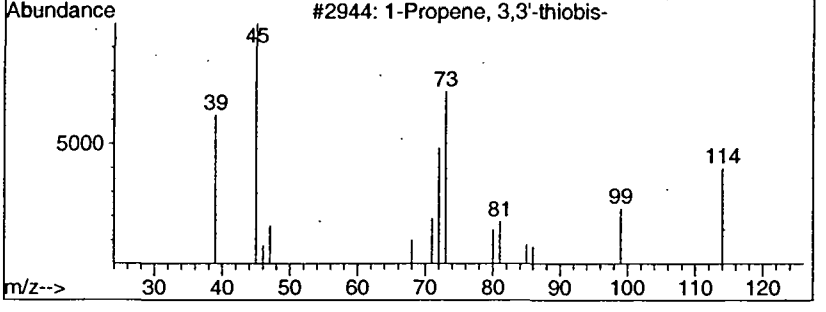












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11901.D Vial: 2
Acq On : 22 May 2002 5:02 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

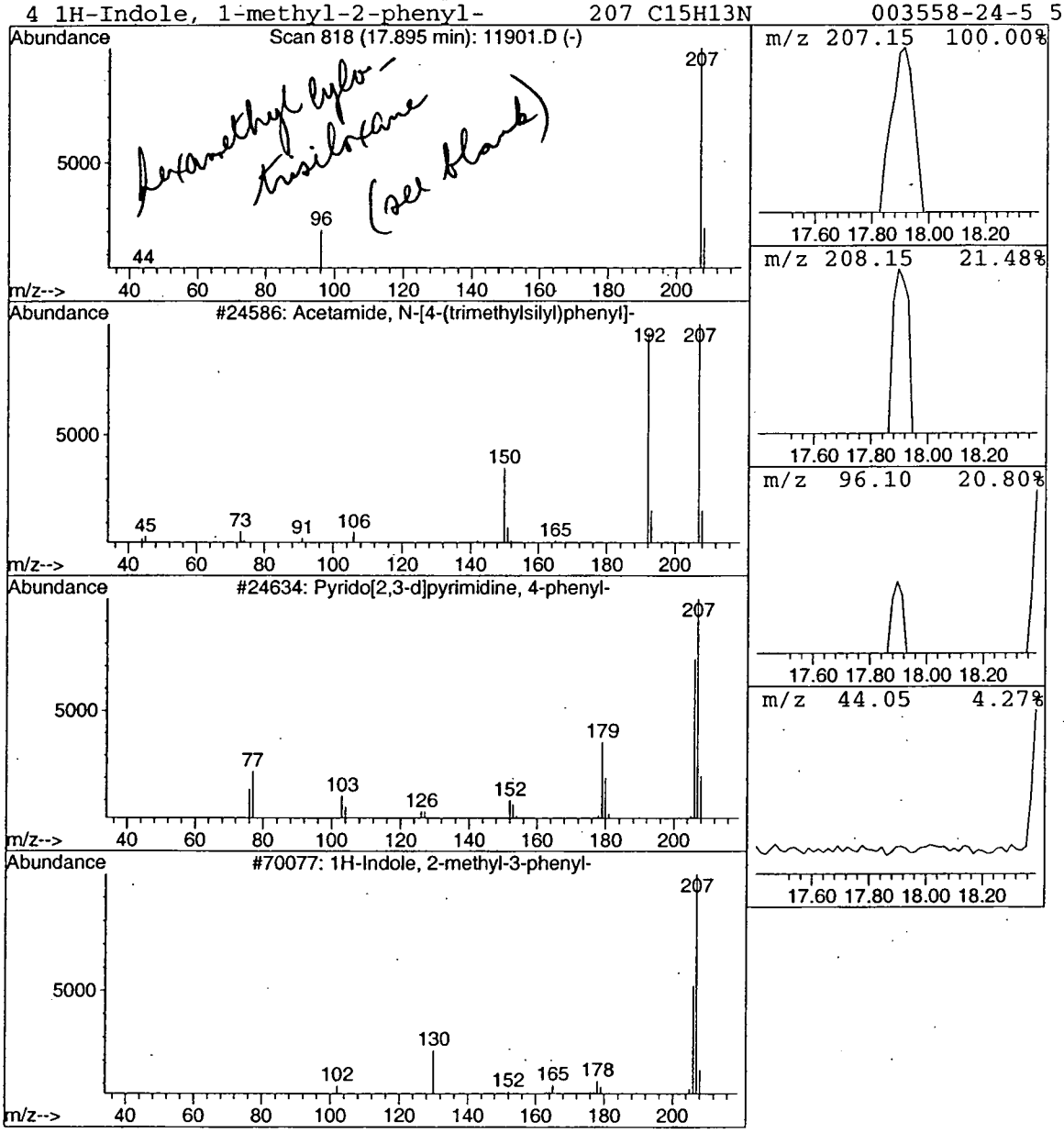
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetamide, N-[4-(trimethylsily Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	0.05 ug/L	30238	1,4-DIFLUOROBENZENE	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11901.D Vial: 2
Acq On : 22 May 2002 5:02 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

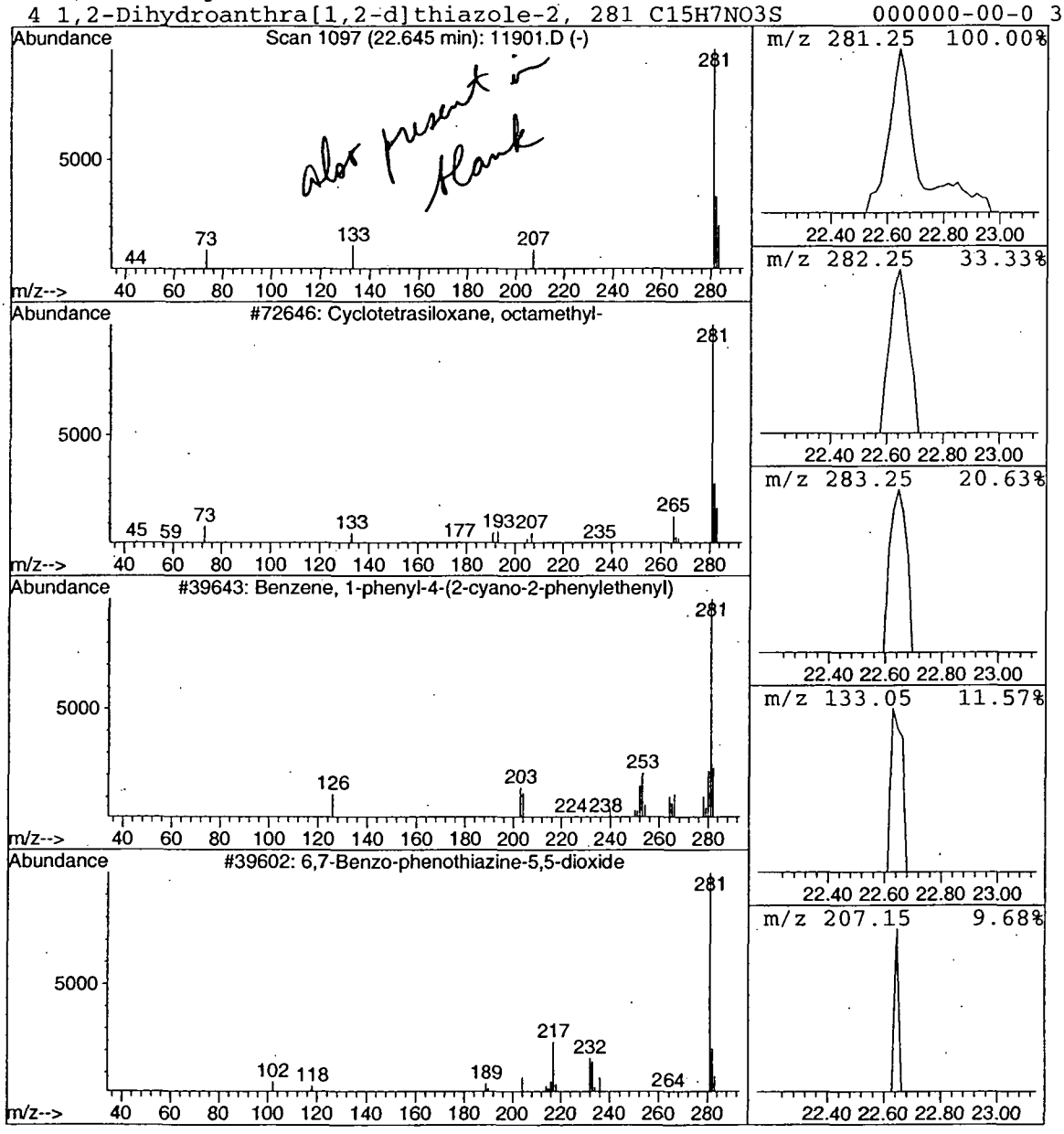
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.08 ug/L	53742	CHLOROBENZENE-D5	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5
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: 05/24/2002 Time: 12:11:16

Sample: AE11902
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:05 Ended: 5/22/02 00:05 Analyst: BH
Result source: a:\11902.rr
Page: 1

	Component Name	Viol.	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7	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		5.0	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
DATE 5/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:11:16

Sample: AE11902
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:05 Ended: 5/22/02 00:05 Analyst: BH
Result source: a:\11902.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\02MAY22\11902.D Vial: 3
Acq On : 22 May 2002 5:45 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:16 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	887581	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	787165	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	349589	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	399481	4.61	ug/L	0.03
Spiked Amount 5.000			Recovery = 92.20%			
3) 4-BROMOFLUOROBENZENE	24.31	174	294923	4.71	ug/L	0.02
Spiked Amount 5.000			Recovery = 94.20%			
25) TOLUENE-D8	18.42	98	1075924	5.00	ug/L	0.02
Spiked Amount 5.000			Recovery = 100.00%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	13051	1.66	ug/L	92

(#) = qualifier out of range (m) = manual integration
11902.D HP051702.M Thu May 23 09:16:36 2002 Page 1

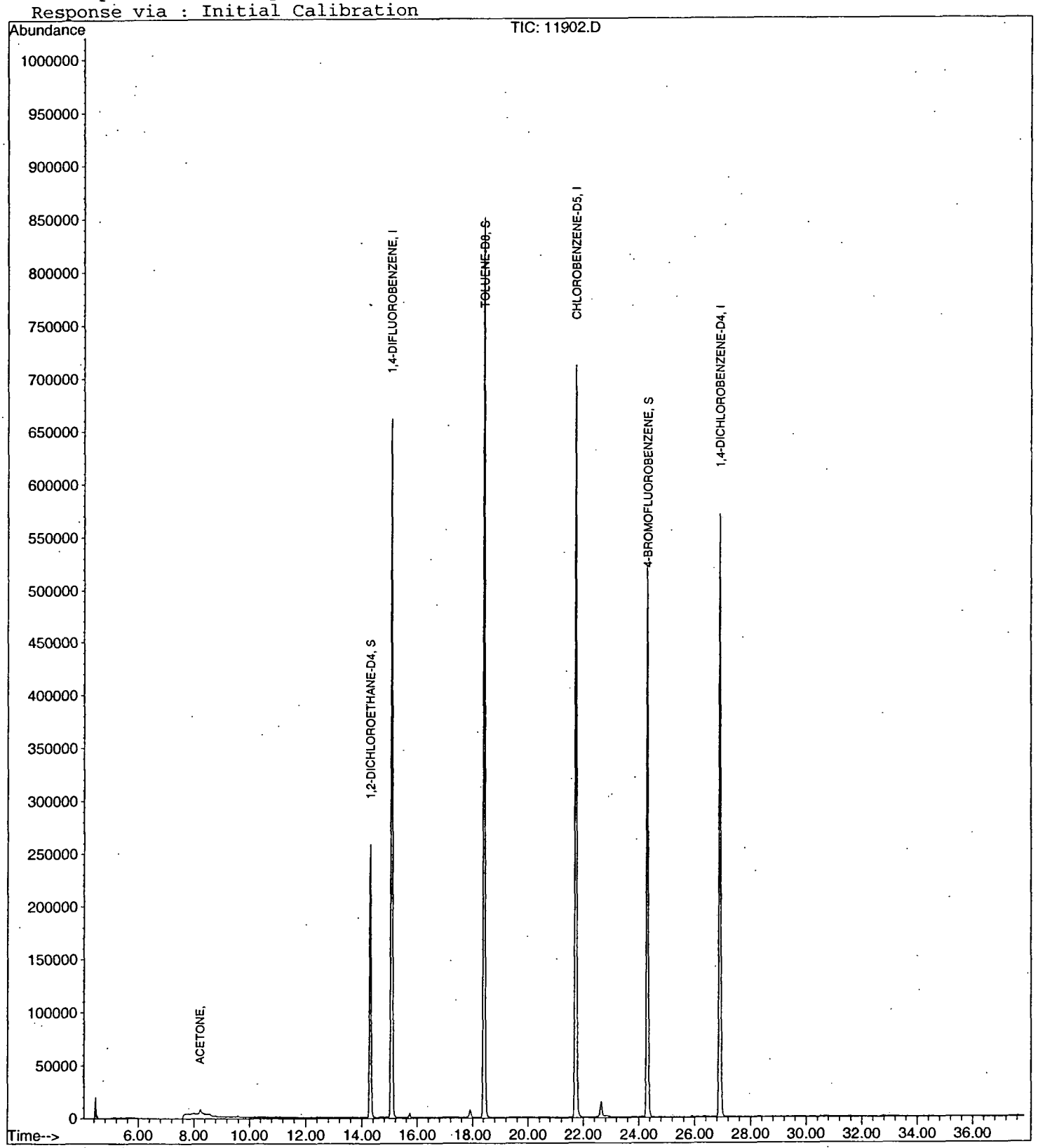
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11902.D
Acq On : 22 May 2002 5:45 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 23 9:16 2002

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

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11902.D Vial: 3
Acq On : 22 May 2002 5:45 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

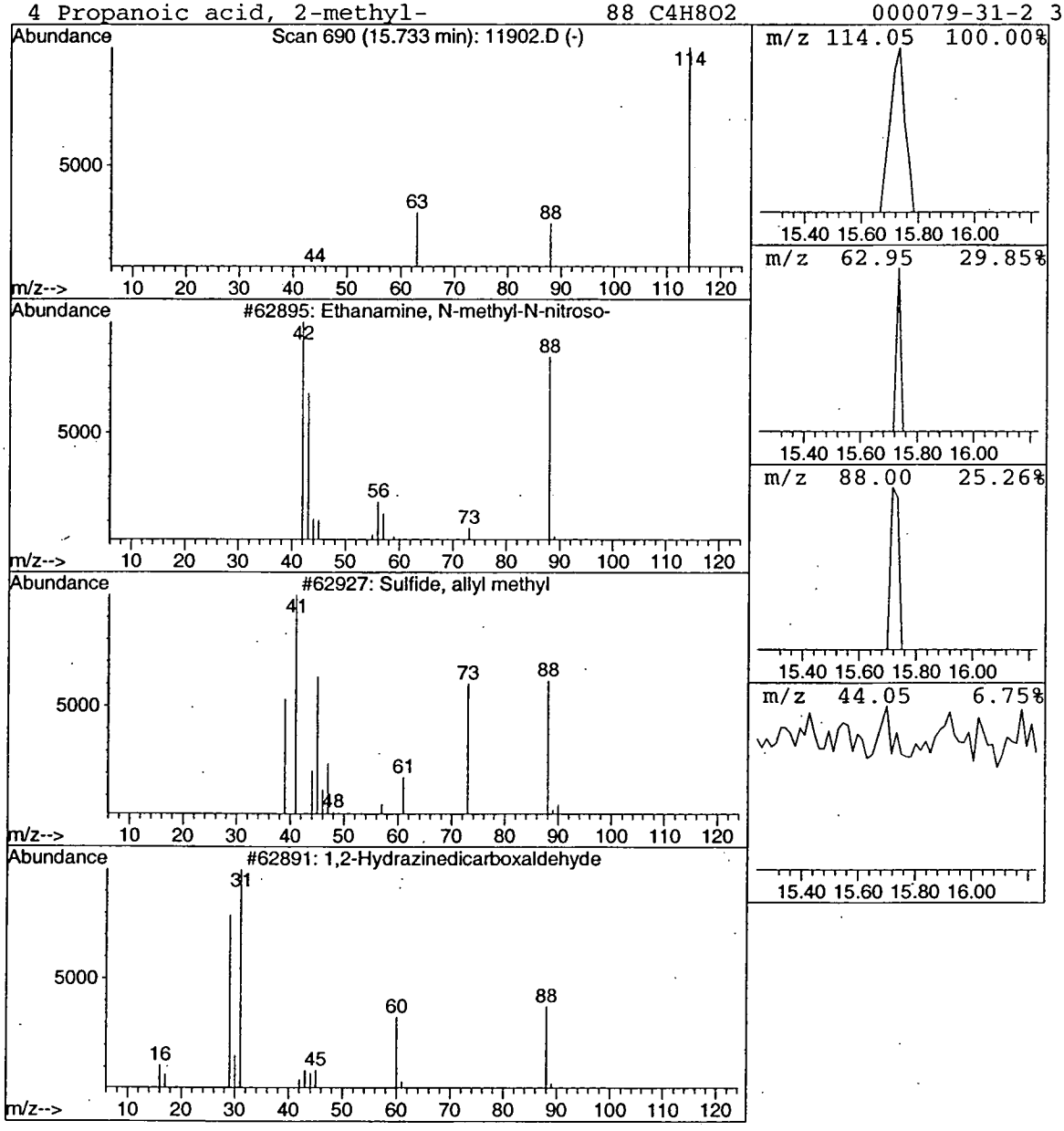
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	13088	1,4-DIFLUOROBENZENE	15.07

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11902.D Vial: 3
Acq On : 22 May 2002 5:45 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

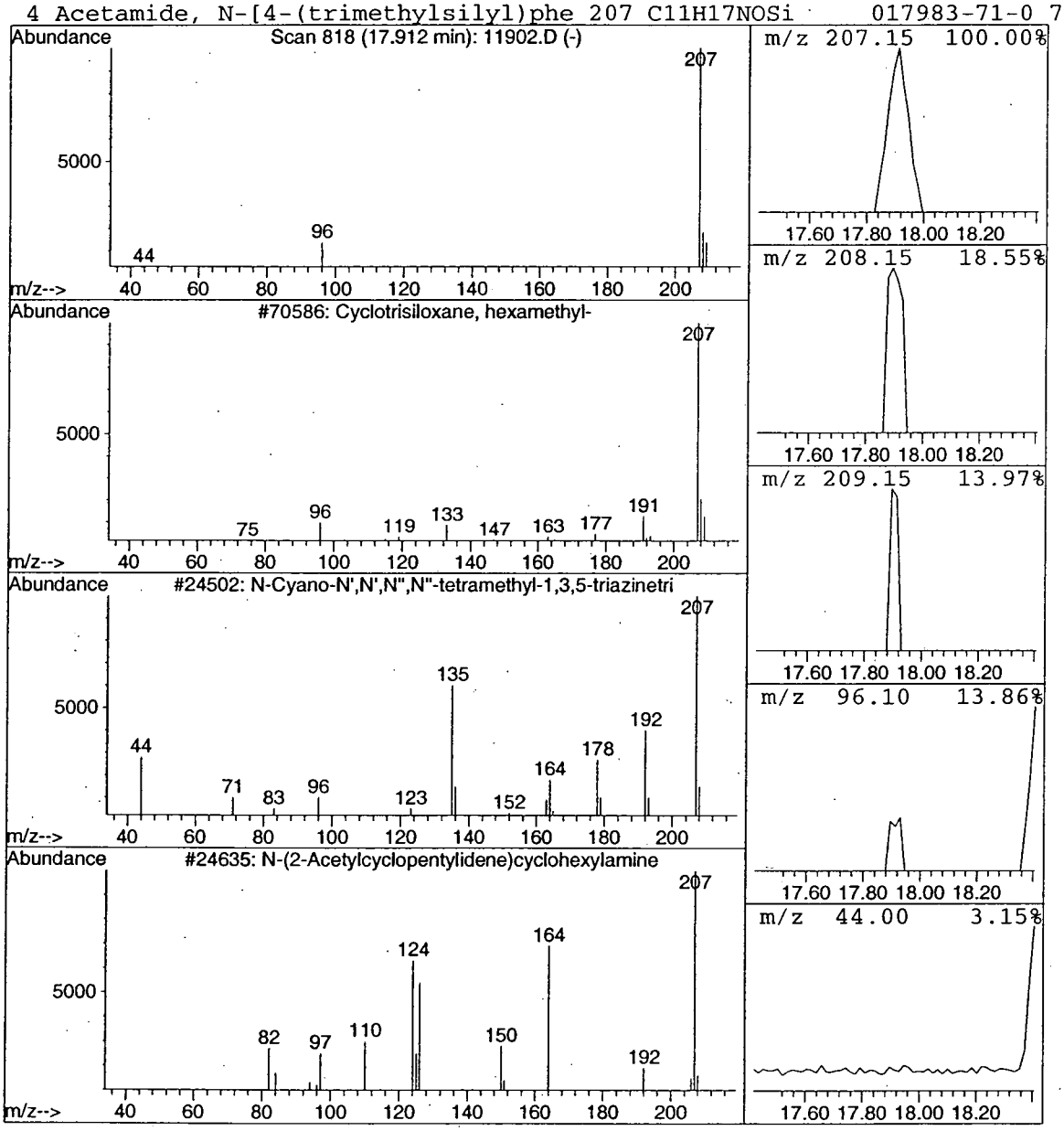
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.07 ug/L	33077	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
2	N-Cyano-N',N',N'',N''-tetramethyl-1	207	C8H13N7	074150-88-2	9
3	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
4	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11902.D Vial: 3
Acq On : 22 May 2002 5:45 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

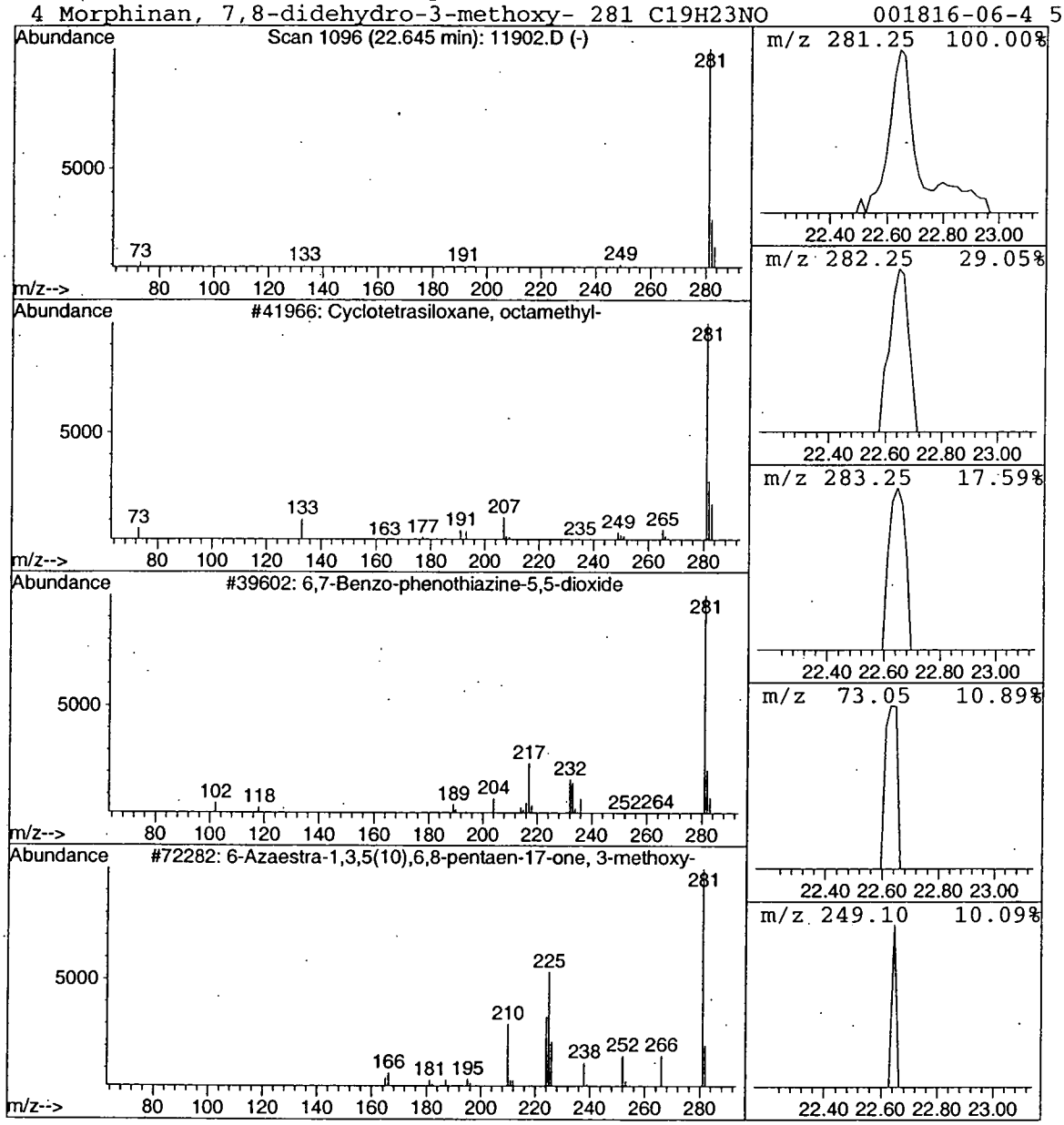
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	0.12 ug/L	69512	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	6-Azaestra-1,3,5(10),6,8-pentaen-17	281	C18H19NO2	005144-20-7	5
4	Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:11:41

Sample: AE11903
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:06 Ended: 5/22/02 00:06 Analyst: BH
Result source: a:\11903.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5	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		5.1	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
DATE 5/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:11:41

Sample: AE11903
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:06 Ended: 5/22/02 00:06 Analyst: BH
Result source: a:\11903.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\02MAY22\11903.D Vial: 4
Acq On : 22 May 2002 6:28 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:18 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

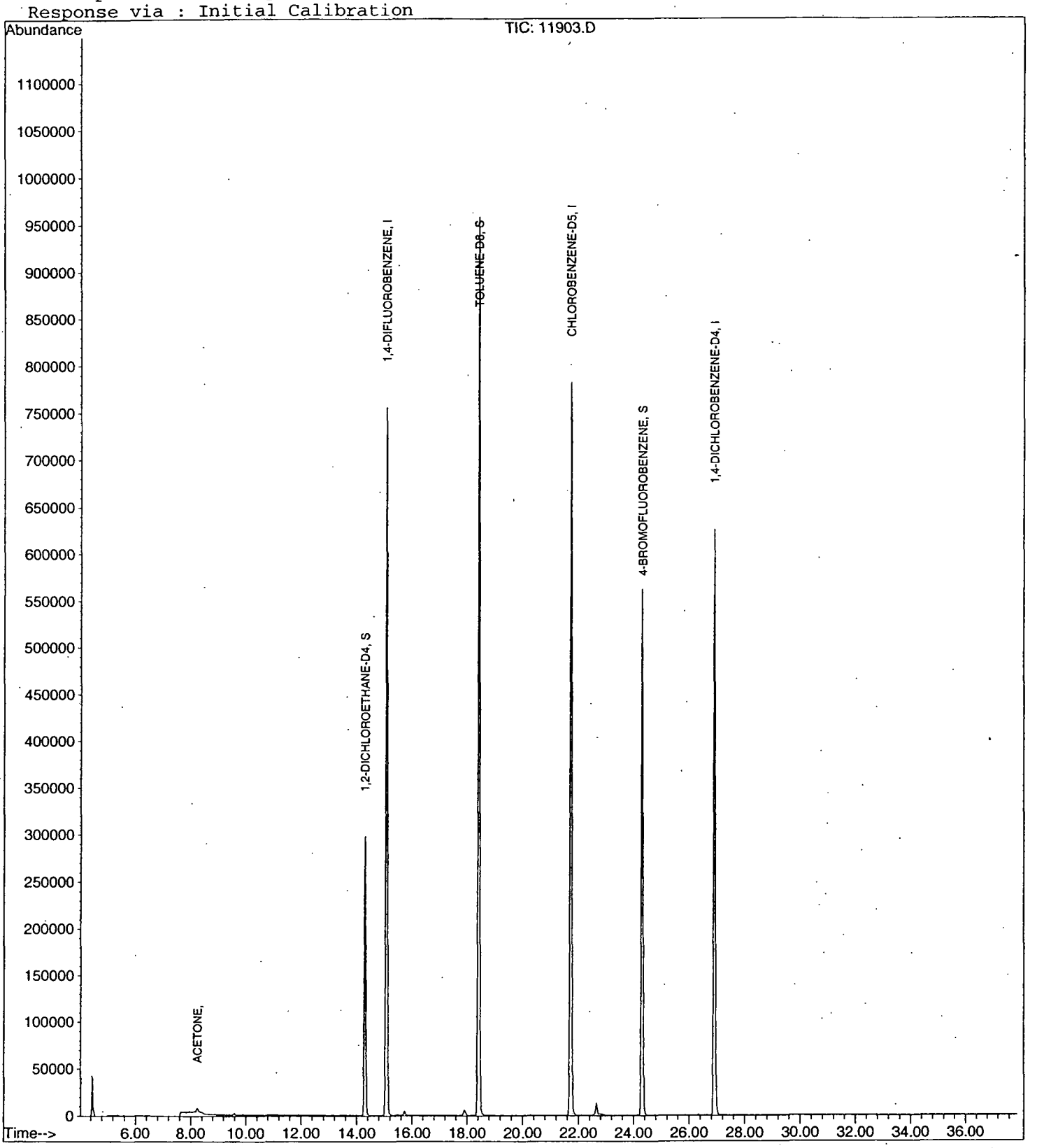
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1010824	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	868445	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	378881	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	452397	4.58	ug/L	0.03
Spiked Amount 5.000			Recovery = 91.60%			
3) 4-BROMOFLUOROBENZENE	24.31	174	322892	4.53	ug/L	0.02
Spiked Amount 5.000			Recovery = 90.60%			
25) TOLUENE-D8	18.42	98	1208186	5.09	ug/L	0.02
Spiked Amount 5.000			Recovery = 101.80%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	15202	1.70	ug/L	85

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11903.D Vial: 4
Acq On : 22 May 2002 6:28 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:18 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11903.D Vial: 4
Acq On : 22 May 2002 6:28 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

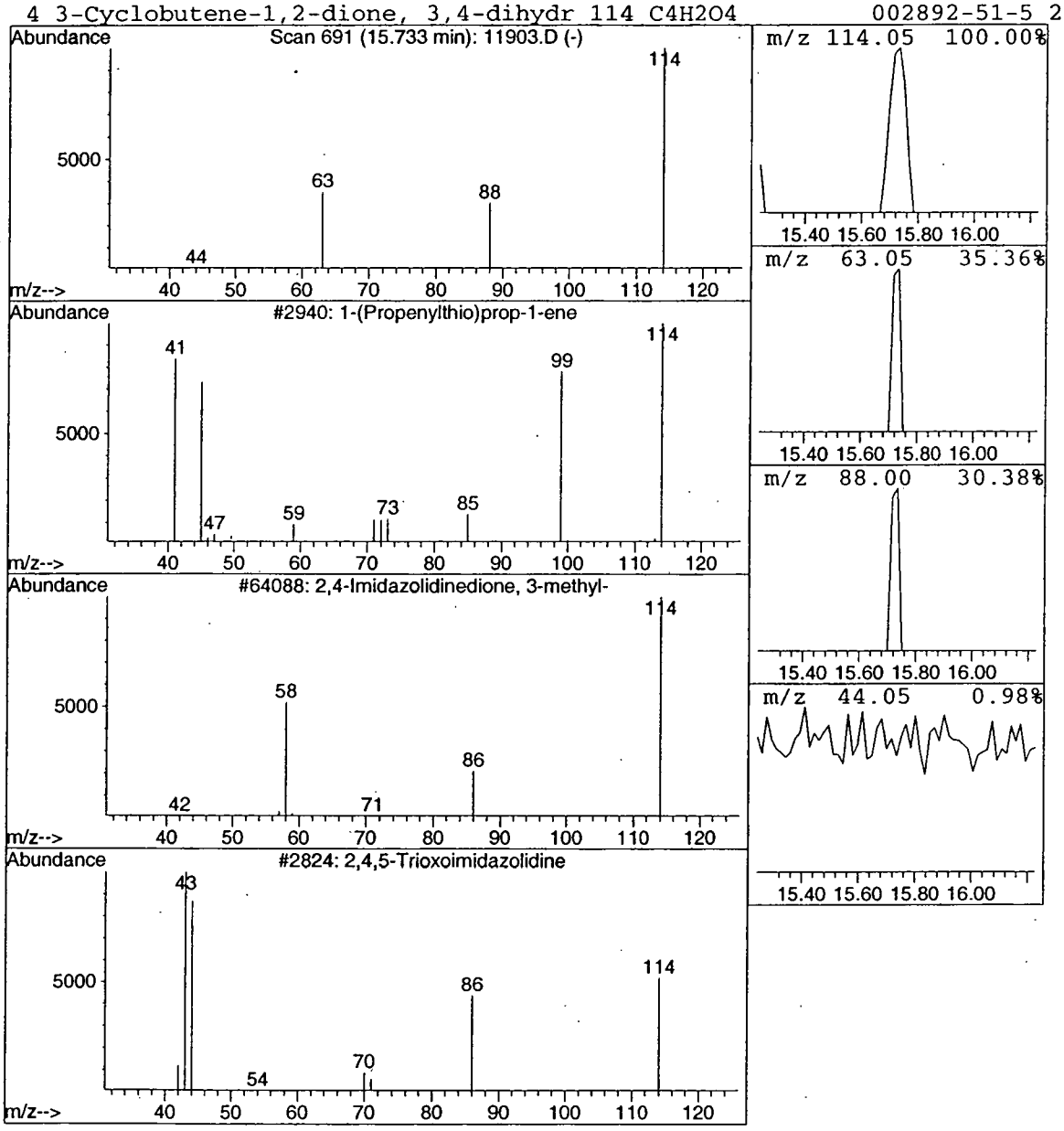
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	14627	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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11903.D Vial: 4
Acq On : 22 May 2002 6:28 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

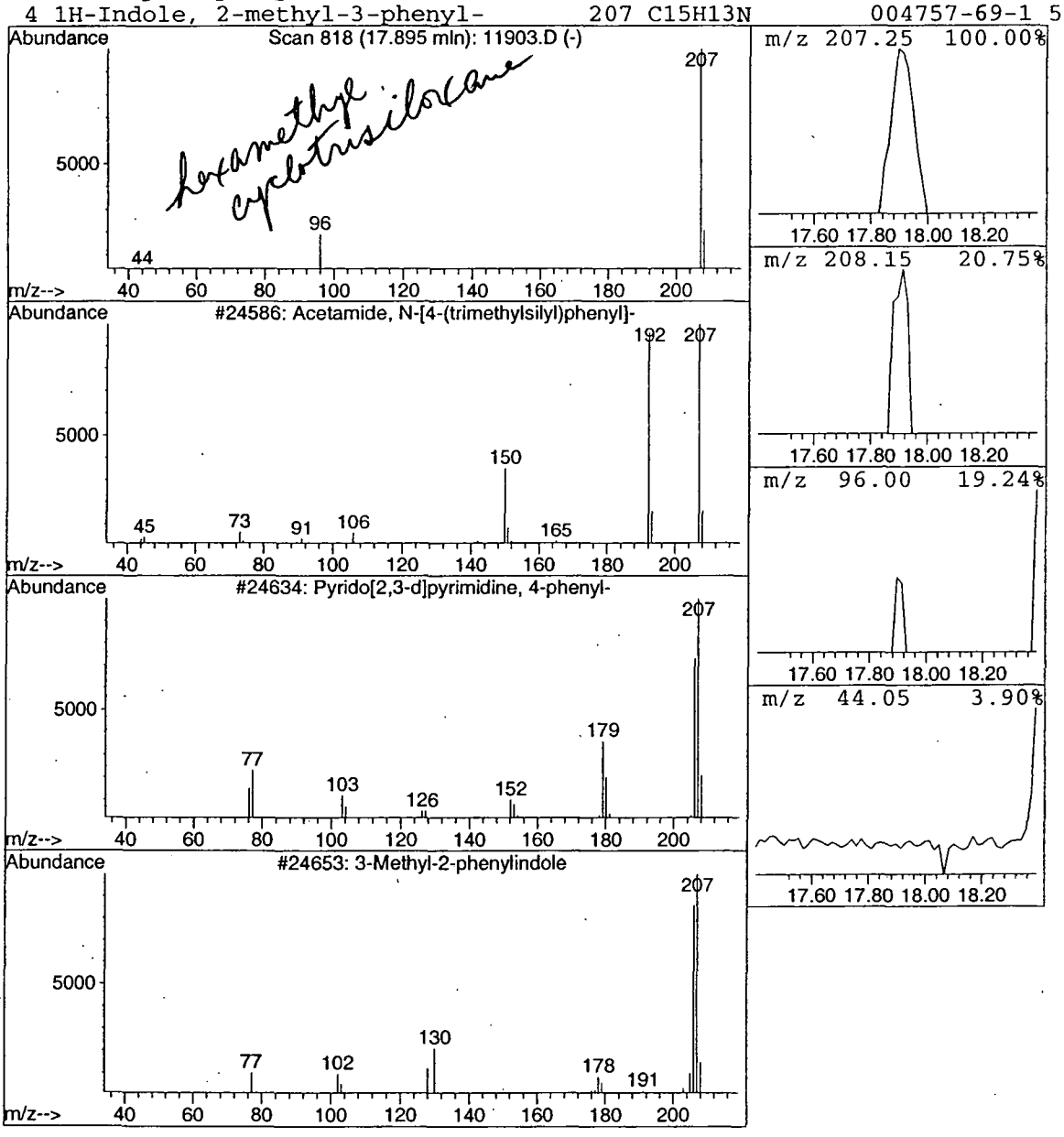
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetamide, N-[4-(trimethylsily Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	0.05 ug/L	30234	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	5
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11903.D Vial: 4
Acq On : 22 May 2002 6:28 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

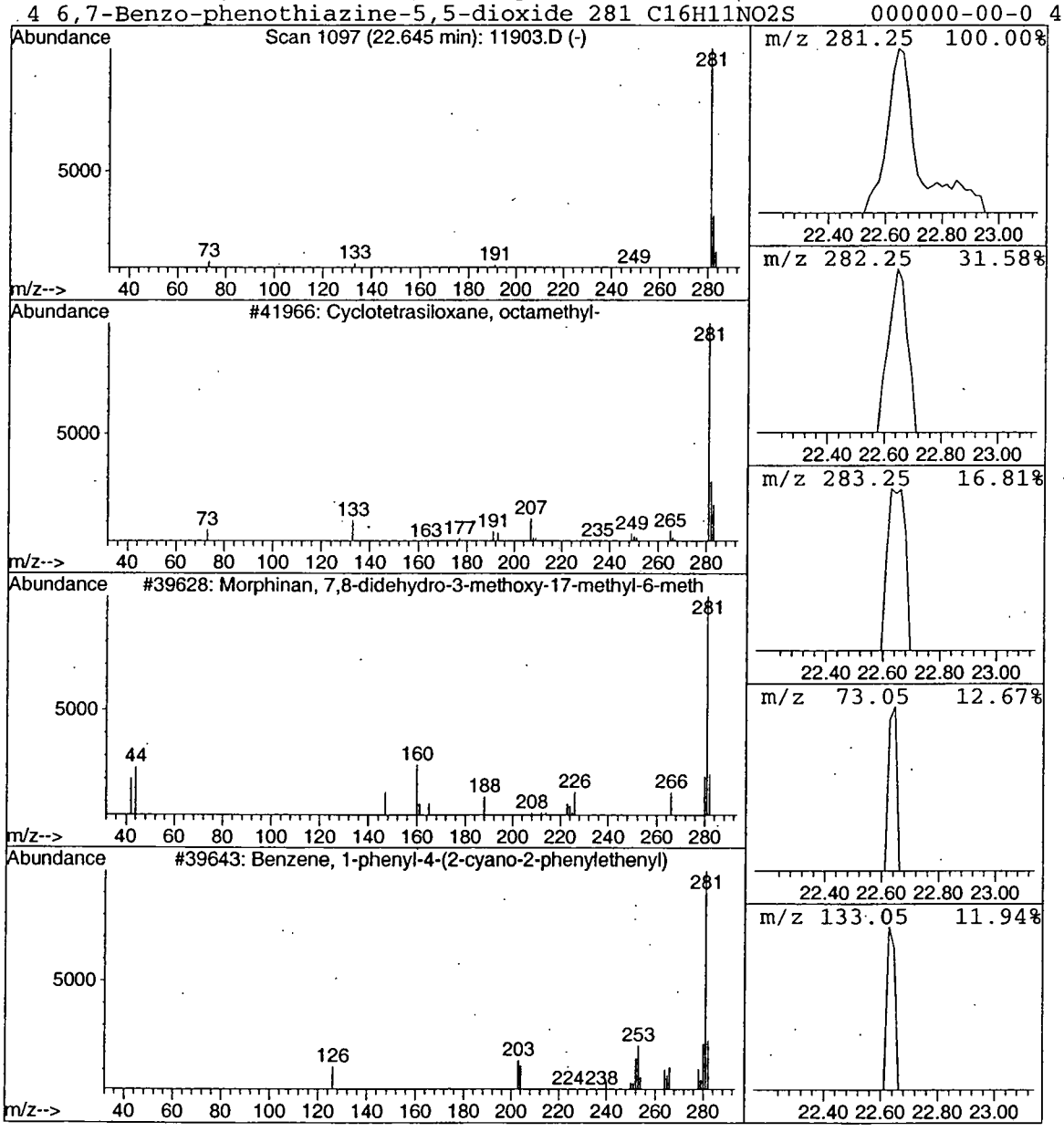
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	0.09 ug/L	56899	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	4



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/29/2002 Time: 17:03:18

Sample: AE11905
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/22/2002 00:07 Ended: 5/22/2002 00:07 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.8	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		4.9	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

REVIEWED BY AV
DATE 5/29/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/29/2002 Time: 17:03:18

Sample: AE11905
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/22/2002 00:07 Ended: 5/22/2002 00:07 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	0.5
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\02MAY22\11905.D Vial: 5
Acq On : 22 May 2002 7:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:19 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1044873	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	942153	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	419794	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	473217	4.64	ug/L	0.03
Spiked Amount 5.000			Recovery = 92.80%			
3) 4-BROMOFLUOROBENZENE	24.31	174	350618	4.76	ug/L	0.02
Spiked Amount 5.000			Recovery = 95.20%			
25) TOLUENE-D8	18.42	98	1267630	4.93	ug/L	0.02
Spiked Amount 5.000			Recovery = 98.60%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	11179	1.21	ug/L	94

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

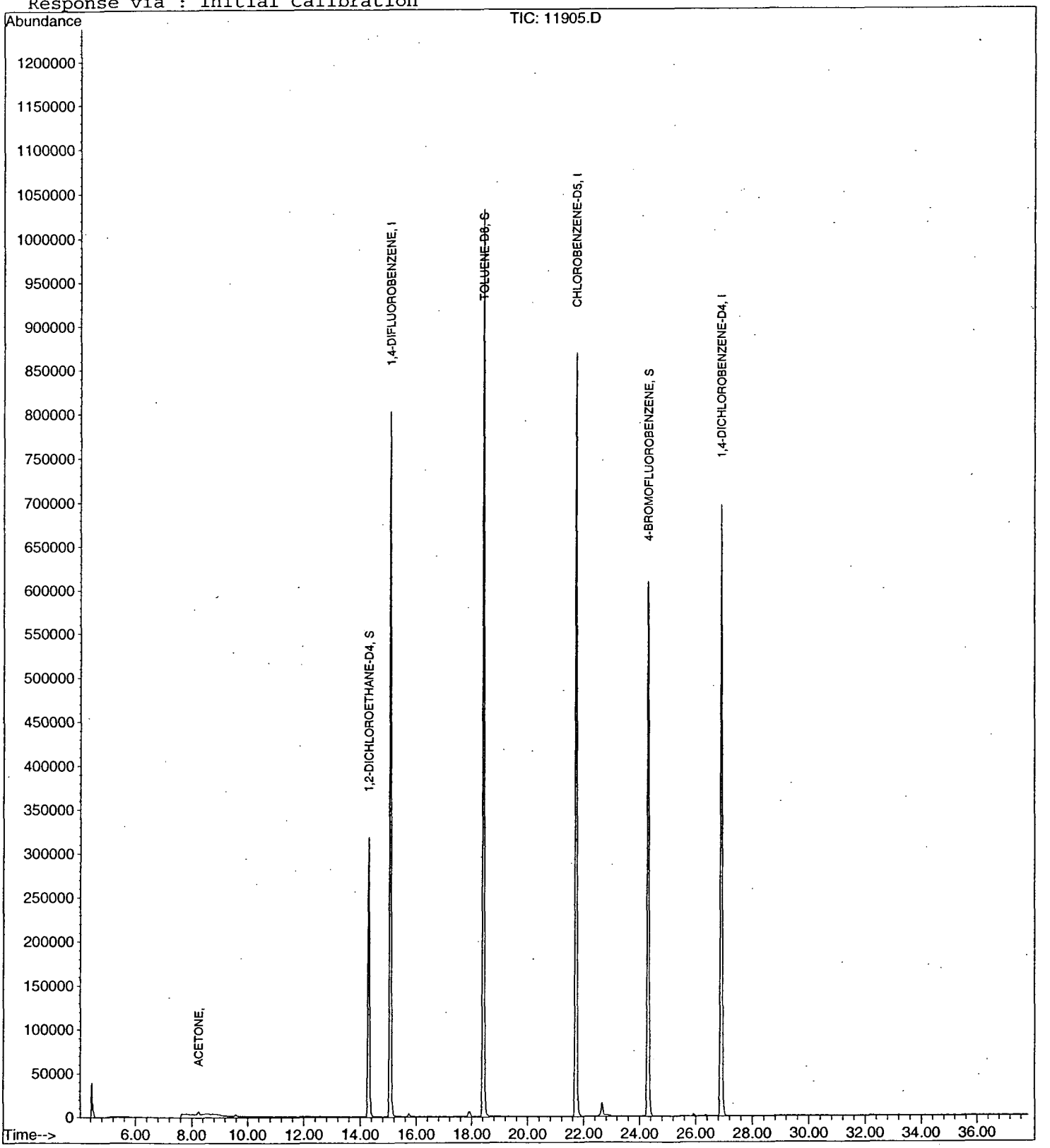
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11905.D
Acq On : 22 May 2002 7:12 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 23 9:19 2002

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

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11905.D Vial: 5
Acq On : 22 May 2002 7:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

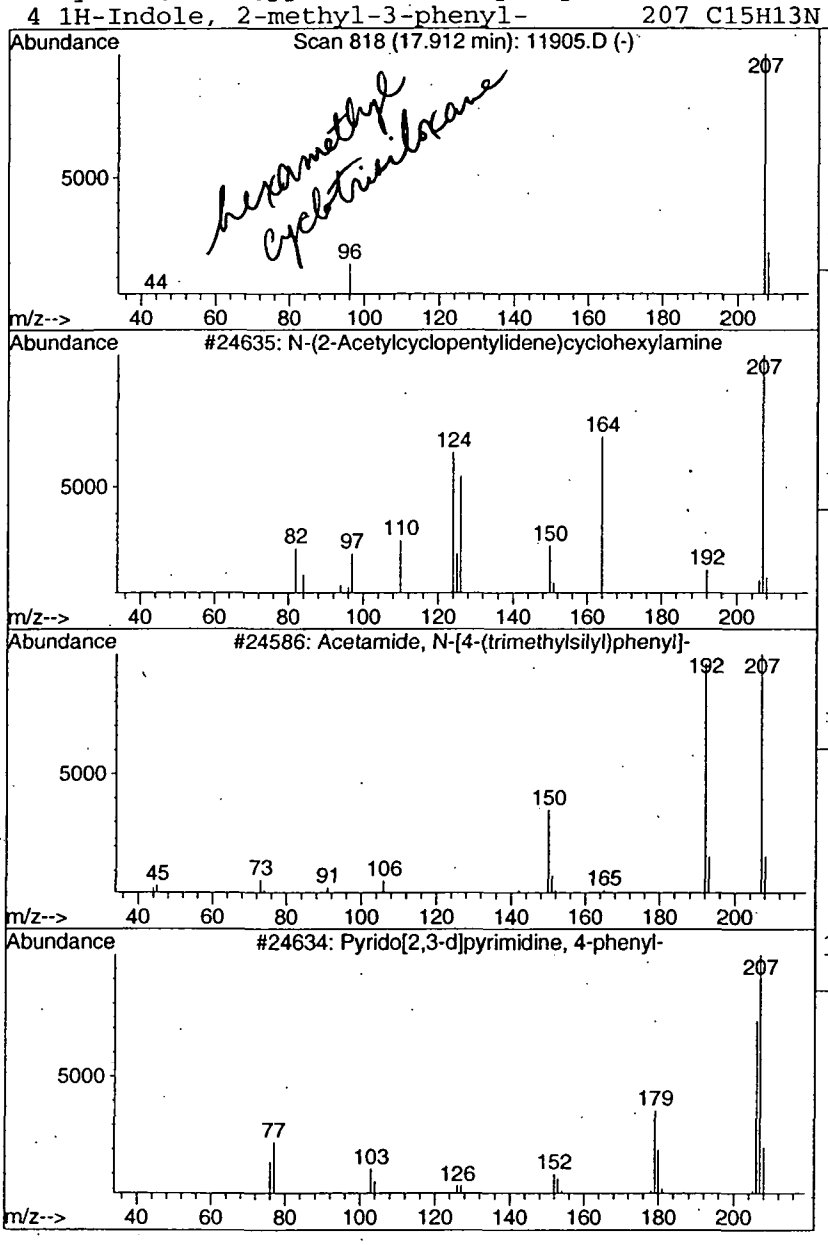
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

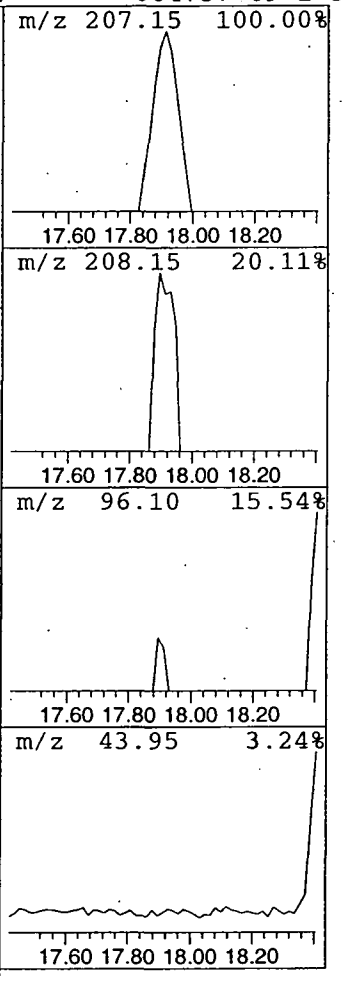
****

Peak Number 1 N-(2-Acetylcyclopentylidene)cy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.06 ug/L	32790	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11905.D Vial: 5
Acq On : 22 May 2002 7:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

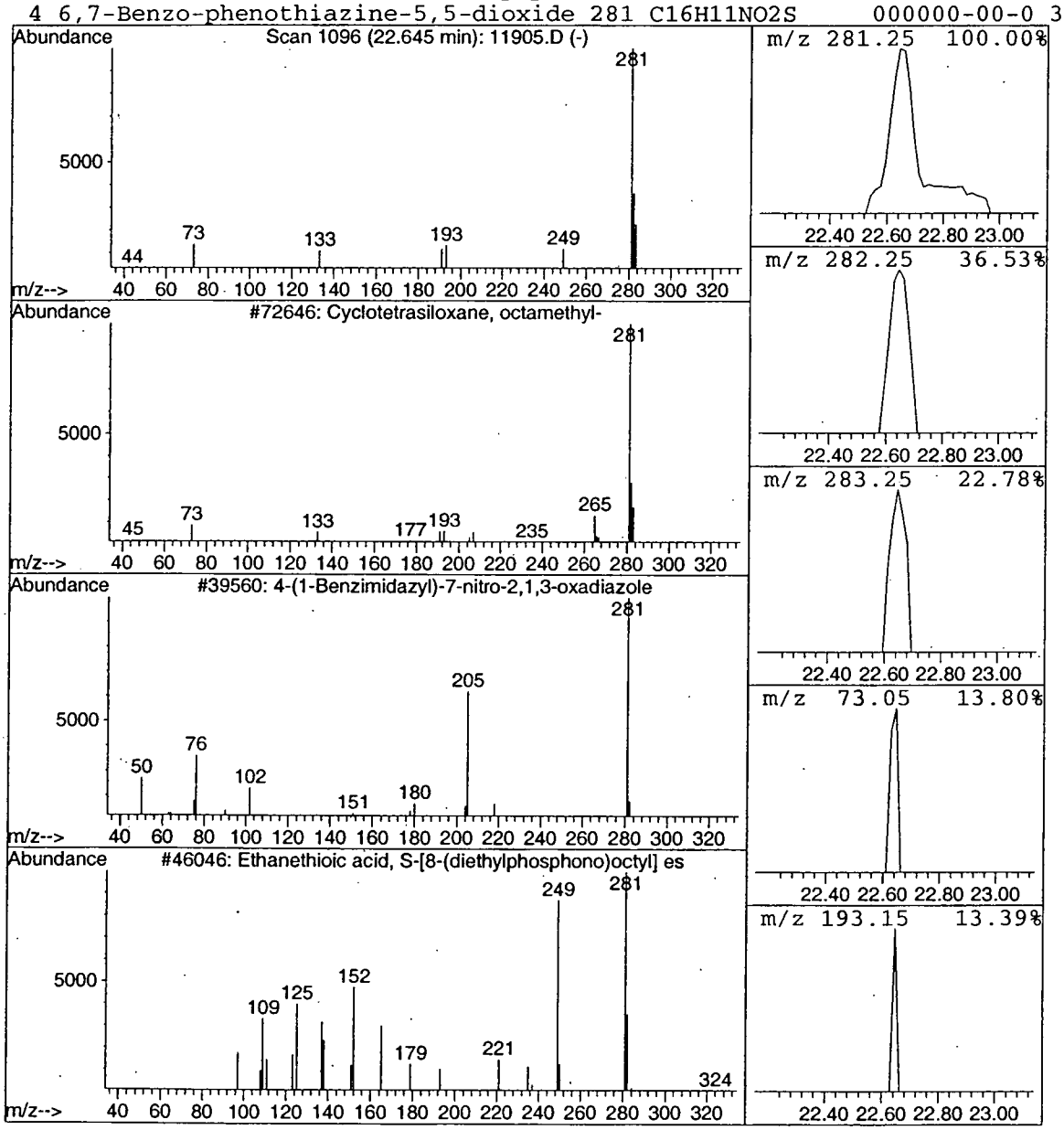
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.08 ug/L	56991	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	4-(1-Benzimidazyl)-7-nitro-2,1,3-ox	281	C13H7N5O3	091485-32-4	5
3	Ethanethioic acid, S-[8-(diethylpho	324	C14H29O4PS	000000-00-0	4
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:12:37

Sample: AE11905
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/22/02 00:07 Ended: 5/22/02 00:07 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.20
2	Surr - 4-BROMOFLUOROBENZ		0.10
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	1,1-DICHLOROETHENE		< MRL
10	METHYLENE CHLORIDE		< MRL
11	METHYL TERT-BUTYL ETHER		< MRL
12	TRANS-1,2-DICHLOROETHEN		< MRL
13	1,1-DICHLOROETHANE		< MRL
14	2-BUTANONE (MEK)		< MRL
15	2,2-DICHLOROPROPANE		< MRL
16	CIS-1,2-DICHLOROETHENE		< MRL
17	*THM-CHLOROFORM		< MRL
18	BROMOCHLOROMETHANE		< MRL
19	1,2-DICHLOROETHANE		< MRL
20	Surr - TOLUENE-D8		0.10
21	1,1,1- TRICHLOROETHANE		< MRL
22	1,1-DICHLOROPROPENE		< MRL
23	CARBON TETRACHLORIDE		< MRL
24	BENZENE		< MRL
25	TRICHLOROETHENE		< MRL
26	1,2-DICHLOROPROPANE		< MRL
27	DIBROMOMETHANE		< MRL
28	*THM-BROMODICHLOROMET		< MRL
29	METHYL ISO-BUTYL KETONE		< MRL
30	CIS-1,3-DICHLOROPROPENE		< MRL
31	TOLUENE		< MRL
32	TRANS-1,3-DICHLOROPROPE		< MRL
33	1,1,2-TRICHLOROETHANE		< MRL
34	TETRACHLOROETHENE		< MRL
35	1,3-DICHLOROPROPANE		< MRL
36	*THM-DIBROMOCHLOROMET		< MRL
37	1,2-DIBROMOETHANE		< MRL
38	CHLOROBENZENE		< MRL
39	1,1,1,2-TETRACHLOROETHA		< MRL
40	2-HEXANONE		< MRL
41	ETHYLBENZENE		< MRL
42	P & M-XYLENE		< MRL
43	O-XYLENE		< MRL
44	STYRENE		< MRL
45	1,1,2,2-TETRACHLOROETHA		< MRL
46	*THM-BROMOFORM		< MRL
47	ISOPROPYLBENZENE		< MRL
48	1,2,3-TRICHLOROPROPANE		< MRL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:12:37

Sample: AE11905
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/22/02 00:07 Ended: 5/22/02 00:07 Analyst: BH
Result source: calculation
Page: 2

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:12:07

Sample: AE11905
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/22/02 00:07 Ended: 5/22/02 00:07 Analyst: BH
Result source: a:\11905d.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8	.5
2	Surr - 4-BROMOFLUOROBENZ		4.7	.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	*THM-Chloroform		< MRL	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL	.5
20	Surr - TOLUENE-D8		5.0	.5
21	1,1,1- trichloroethane		< MRL	.5
22	1,1-dichloropropene		< MRL	.5
23	Carbon tetrachloride		< MRL	.5
24	Benzene		< MRL	.5
25	Trichloroethene		< MRL	.5
26	1,2-dichloropropane		< MRL	.5
27	Dibromomethane		< MRL	.5
28	*THM-Bromodichloromethane		< MRL	.5
29	Methyl 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	*THM-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	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5
48	Bromobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:12:07

Sample: AE11905
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/22/02 00:07 Ended: 5/22/02 00:07 Analyst: BH
Result source: a:\11905d.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	Hexachlorobutadiene		< MRL	.5
62	Naphthalene		< MRL	.5
63	1,2,3-trichlorobenzene		< MRL	.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\11905D.D Vial: 6
Acq On : 22 May 2002 7:55 pm Operator: 201-wb
Sample : nyc; dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:21 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	951406	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.72	117	828757	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	367868	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	450581	4.85	ug/L	0.03
Spiked Amount 5.000			Recovery =	97.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	313828	4.68	ug/L	0.02
Spiked Amount 5.000			Recovery =	93.60%		
25) TOLUENE-D8	18.42	98	1135460	5.02	ug/L	0.02
Spiked Amount 5.000			Recovery =	100.40%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	18924	2.25	ug/L	86

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

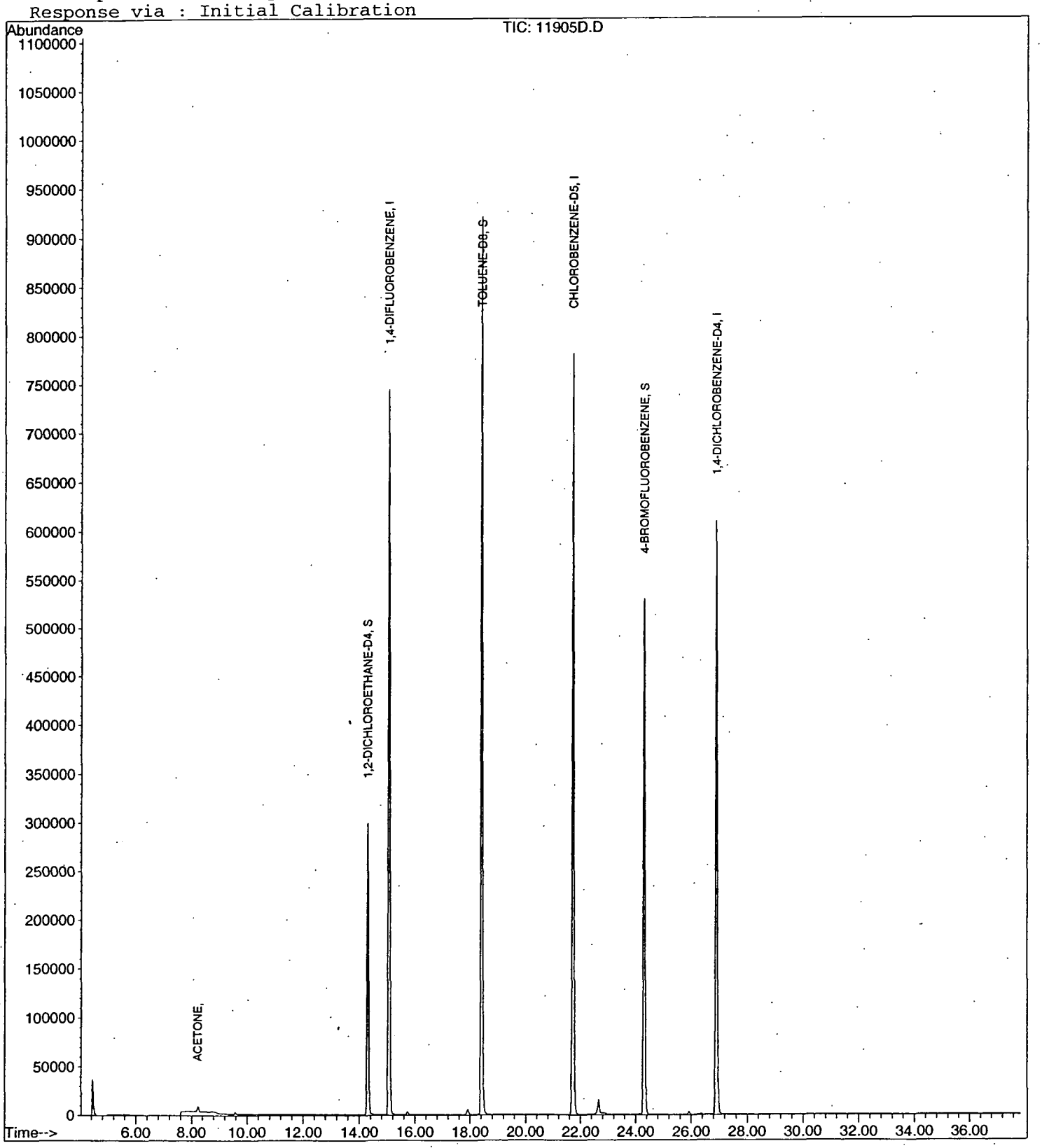
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11905D.D
Acq On : 22 May 2002 7:55 pm
Sample : nyc; dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 23 9:21 2002

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

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11905D.D Vial: 6
Acq On : 22 May 2002 7:55 pm Operator: 201-wb
Sample : nyc; dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

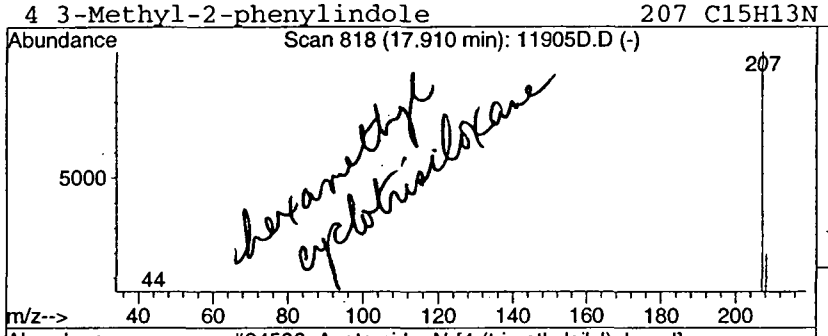
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

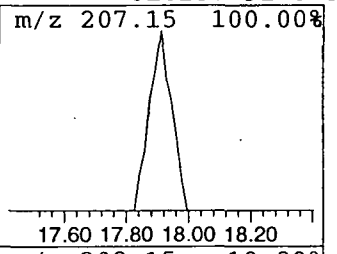
****

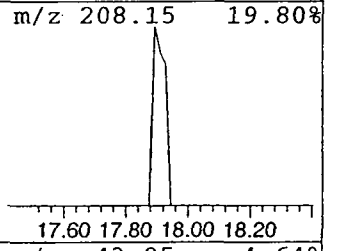
Peak Number 1 Acetamide, N-[4-(trimethylsily Concentration Rank 2

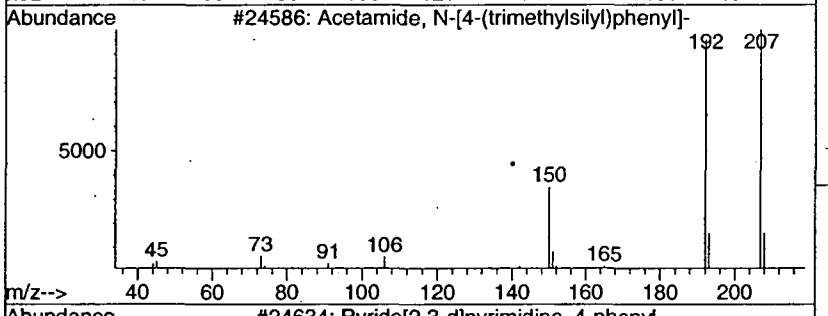
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.05 ug/L	27298	1,4-DIFLUOROBENZENE	15.07

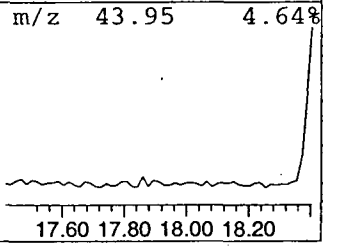
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	5
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	5

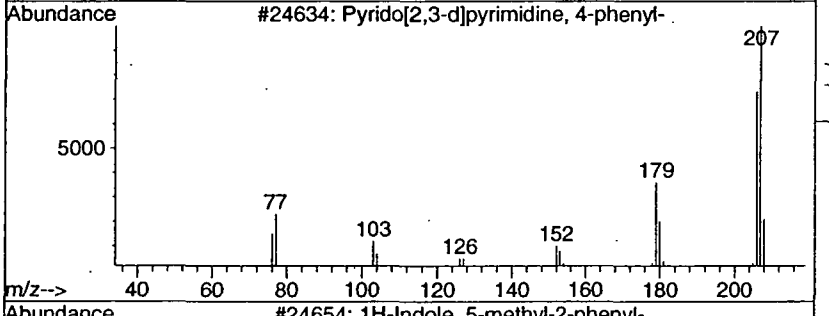


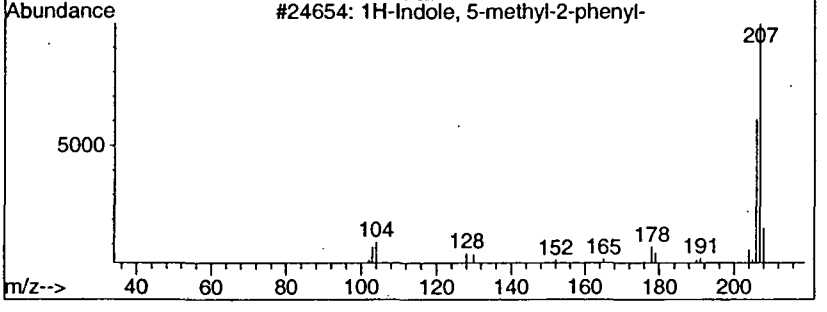












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11905D.D Vial: 6
Acq On : 22 May 2002 7:55 pm Operator: 201-wb
Sample : nyc; dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

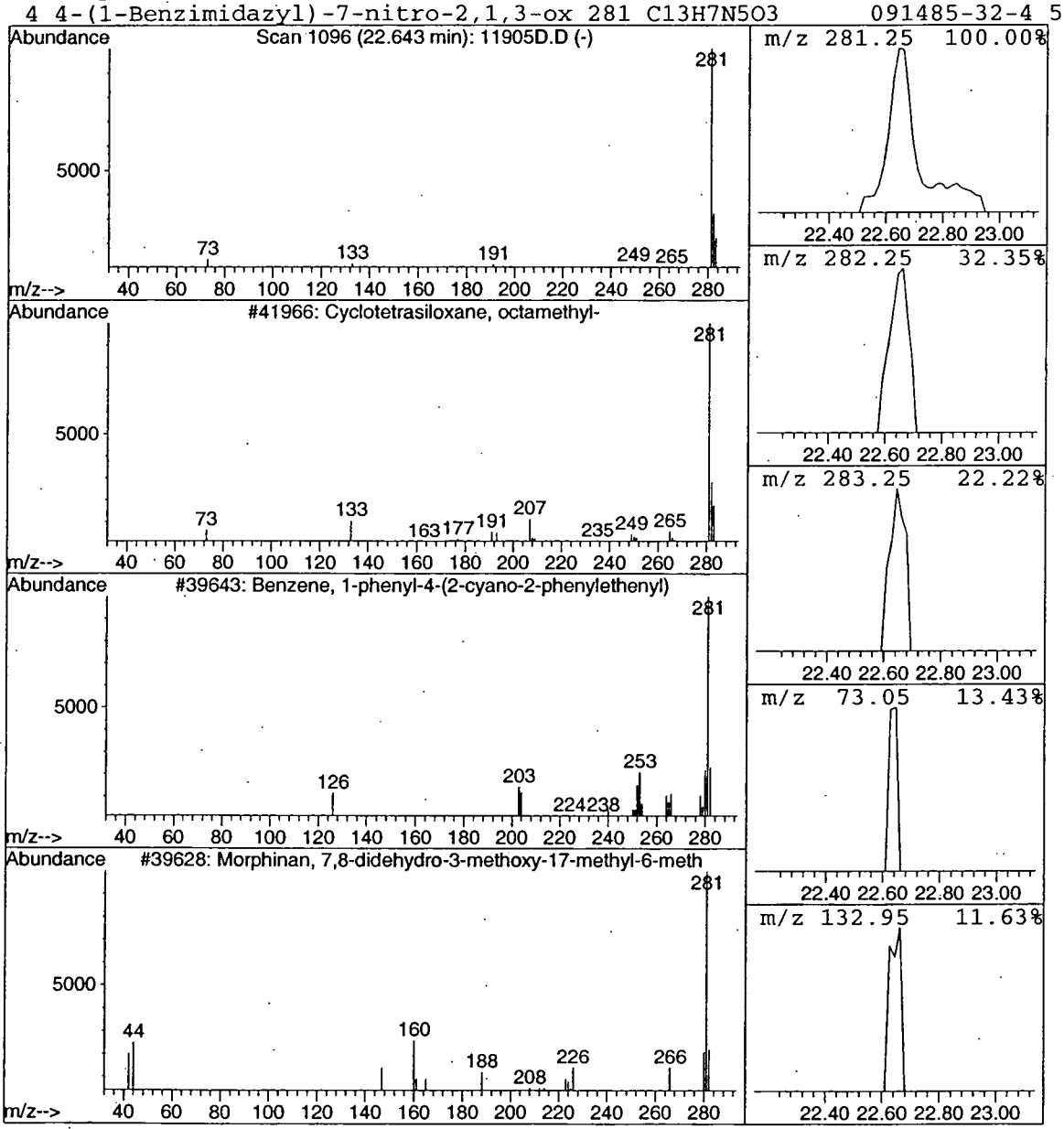
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.10 ug/L	59700	CHLOROBENZENE-D5	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
3	Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5
4	4-(1-Benzimidazyl)-7-nitro-2,1,3-ox	281	C13H7N5O3	091485-32-4	5



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:47:26

Sample: AE11906
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/22/2002 00:08 Ended: 5/22/2002 00:08 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.8	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.7	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		0.21-below MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		4.9	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

REVIEWED BY AV
DATE 5/30/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:47:26

Sample: AE11906
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/22/2002 00:08 Ended: 5/22/2002 00:08 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	0.5
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\02MAY22\11906.D Vial: 6
Acq On : 22 May 2002 8:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:22 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1031981	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.72	117	936783	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	418313	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	479447	4.76	ug/L	0.03
Spiked Amount 5.000			Recovery =	95.20%		
3) 4-BROMOFLUOROBENZENE	24.31	174	344657	4.74	ug/L	0.02
Spiked Amount 5.000			Recovery =	94.80%		
25) TOLUENE-D8	18.42	98	1263211	4.94	ug/L	0.02
Spiked Amount 5.000			Recovery =	98.80%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	11652	1.27	ug/L	95
21) CHLOROFORM	12.79	83	18327	0.21	ug/L	97
33) BROMODICHLOROMETHANE	16.74	83	4083	0.07	ug/L	95

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

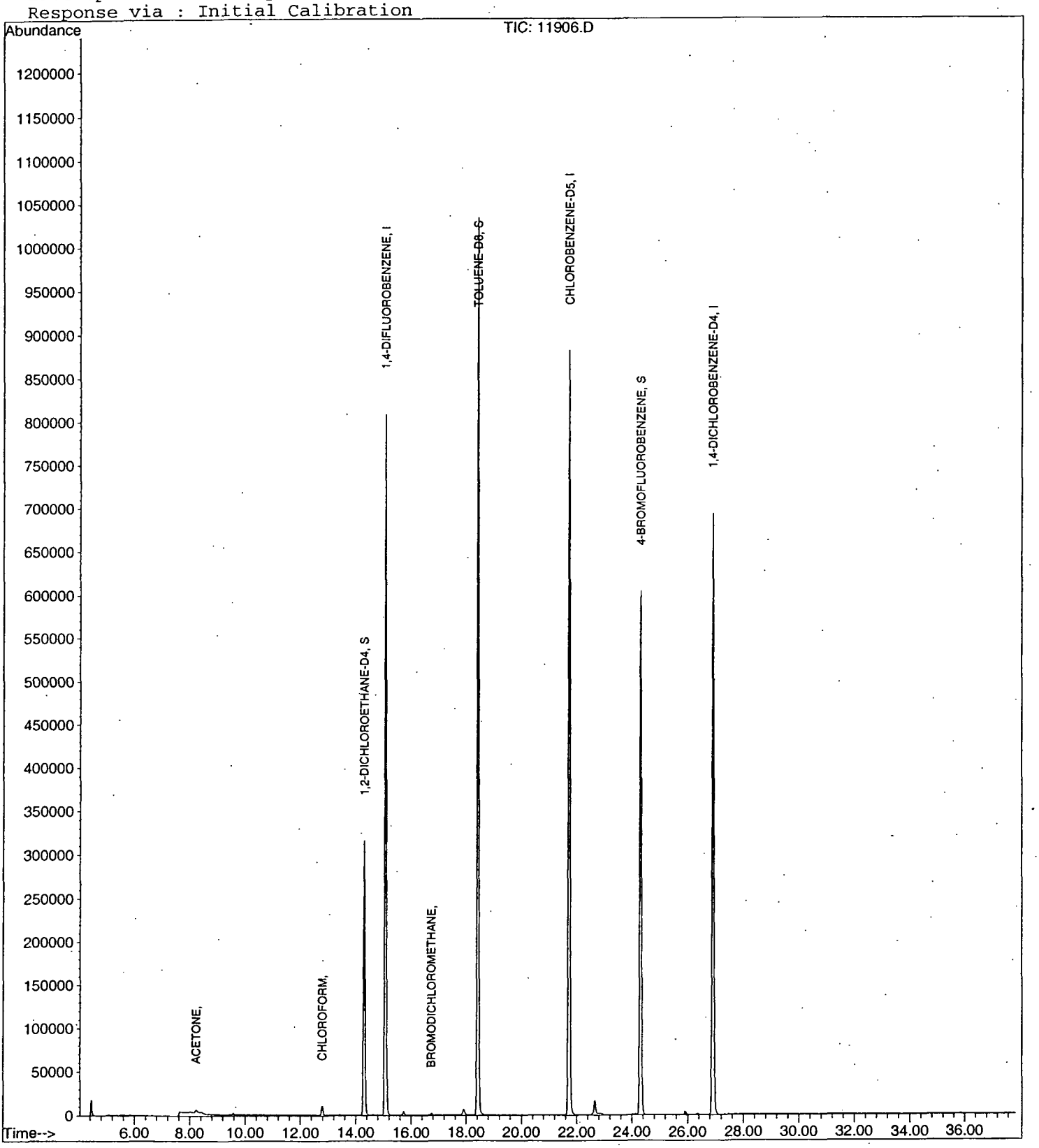
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11906.D
Acq On : 22 May 2002 8:38 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 23 9:22 2002

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

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11906.D Vial: 6
Acq On : 22 May 2002 8:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

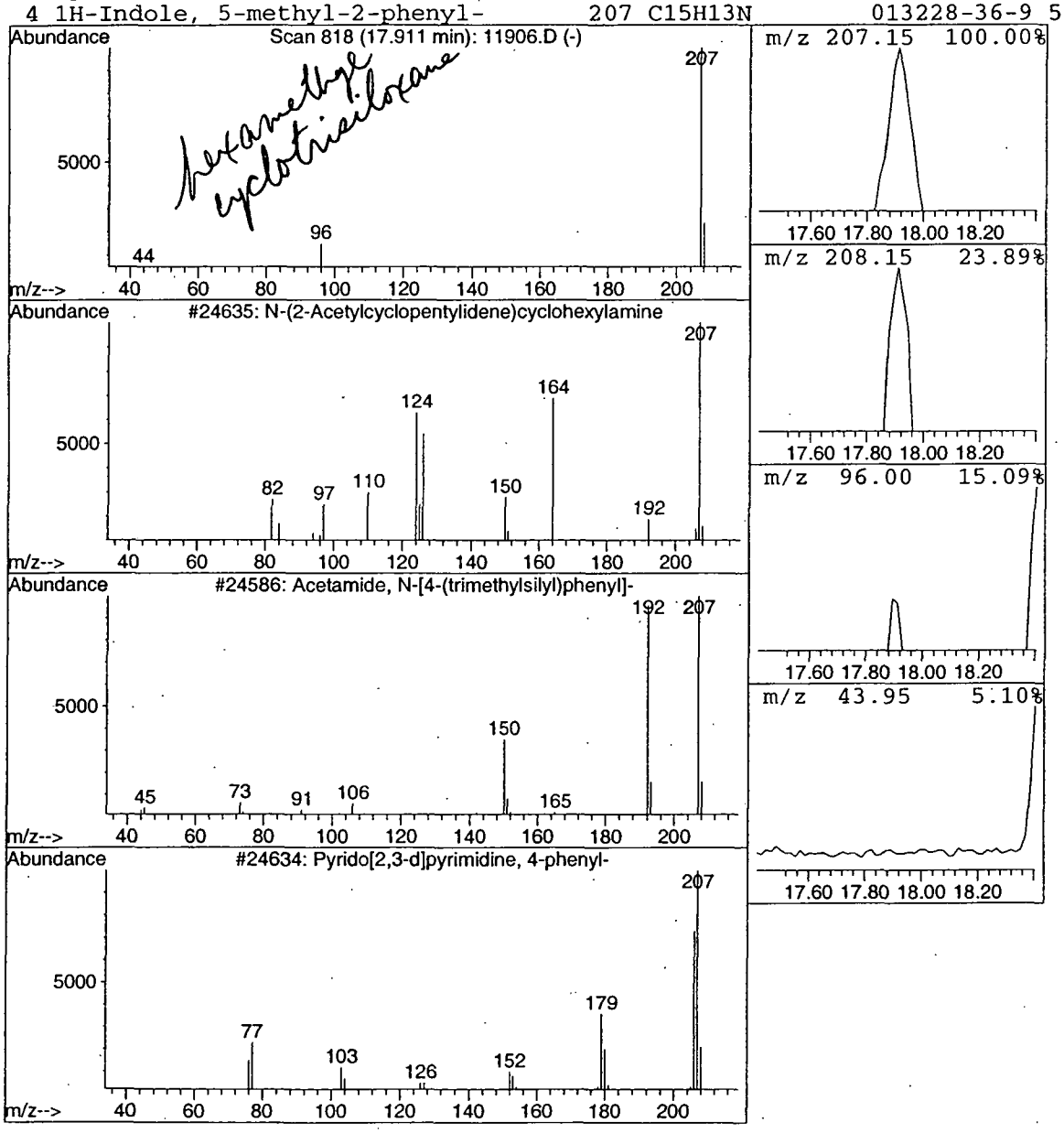
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-(2-Acetylcyclopentylidene)cy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.06 ug/L	33597	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11906.D Vial: 6
Acq On : 22 May 2002 8:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

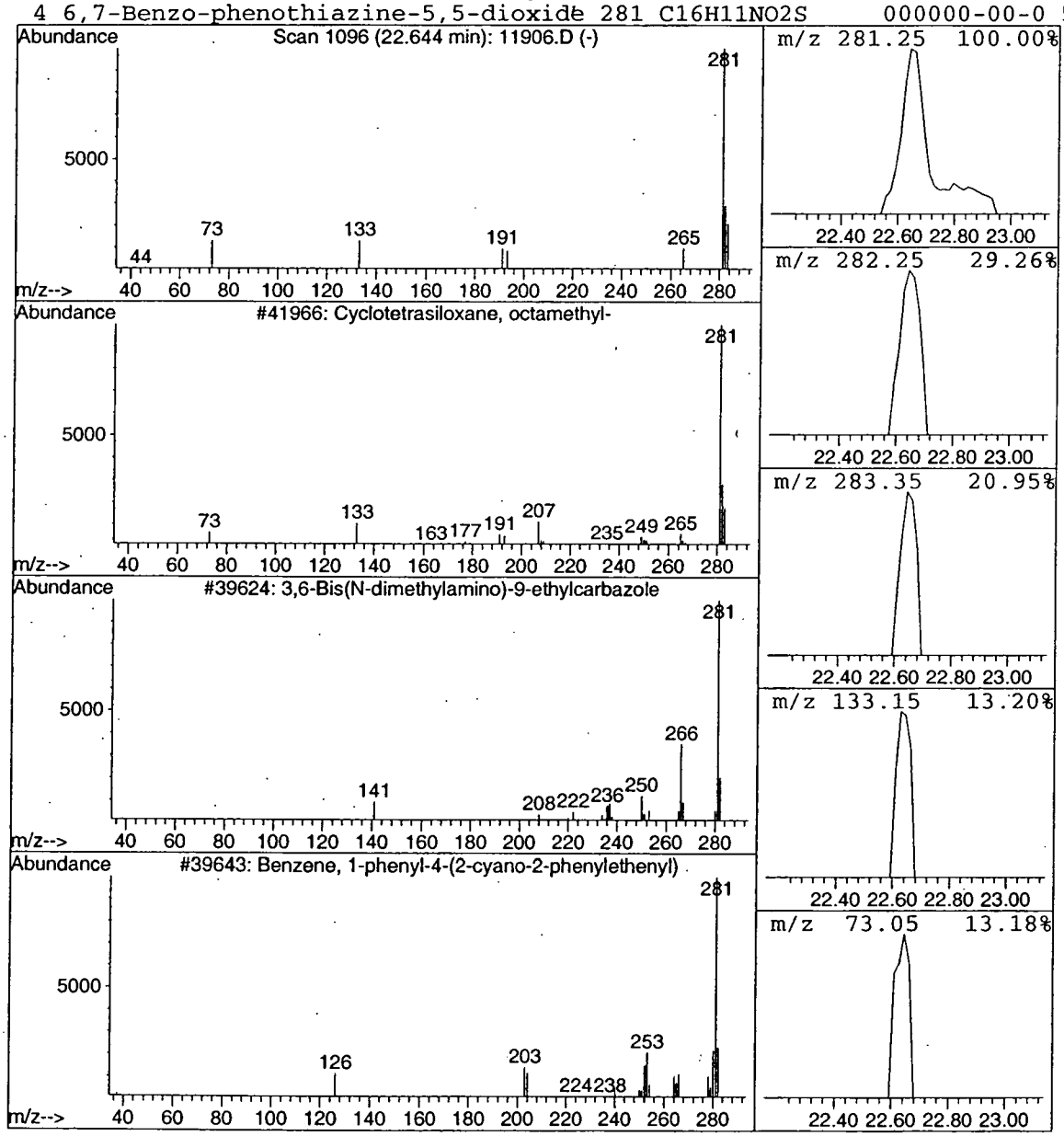
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.11 ug/L	74342	CHLOROBENZENE-D5	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:13:35

Sample: AE11907
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:09 Ended: 5/22/02 00:09 Analyst: BH
Result source: a:\11907.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8	0.5
2	Surr - 4-BROMOFLUOROBENZ		5.0	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		4.9	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 AV
DATE 5/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:13:35

Sample: AE11907
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:09 Ended: 5/22/02 00:09 Analyst: BH
Result source: a:\11907.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\02MAY22\11907.D Vial: 7
Acq On : 22 May 2002 9:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:24 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1022504	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.72	117	933030	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	421236	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	483756	4.84	ug/L	0.03
Spiked Amount 5.000			Recovery =	96.80%		
3) 4-BROMOFLUOROBENZENE	24.31	174	359471	4.98	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.60%		
25) TOLUENE-D8	18.42	98	1250010	4.91	ug/L	0.02
Spiked Amount 5.000			Recovery =	98.20%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	12957	1.43	ug/L	90

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

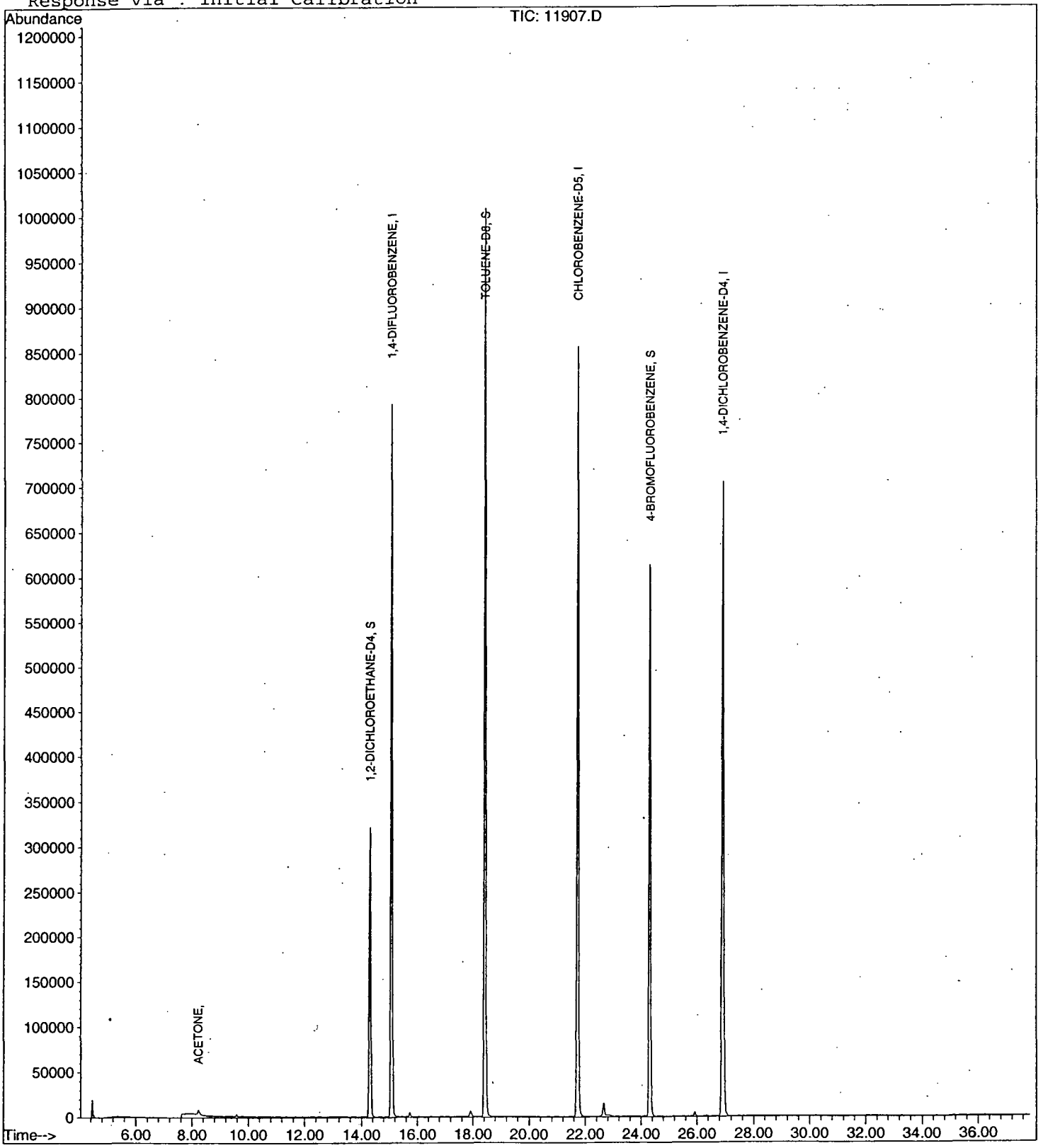
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11907.D
Acq On : 22 May 2002 9:21 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 23 9:24 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11907.D Vial: 7
Acq On : 22 May 2002 9:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

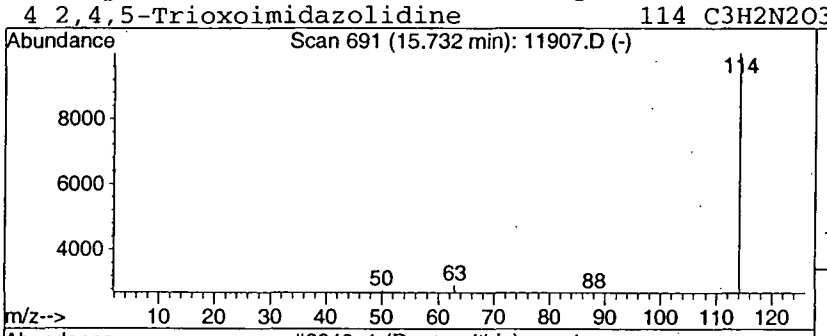
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

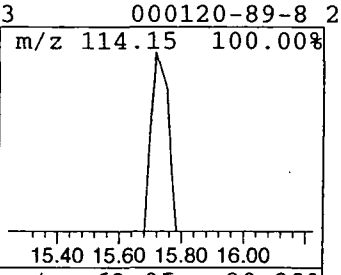
****

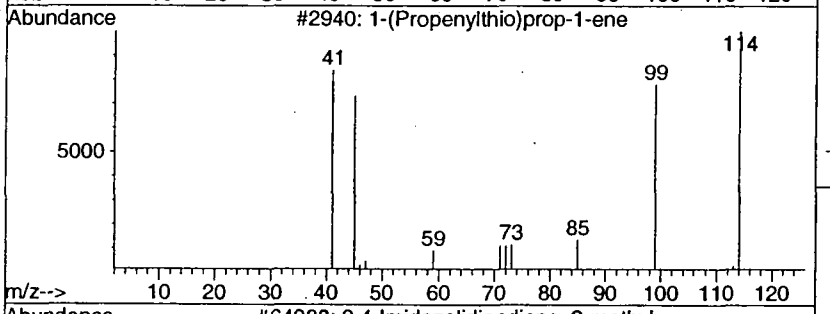
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 3

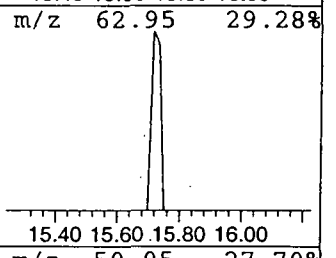
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	16459	1,4-DIFLUOROBENZENE	15.07

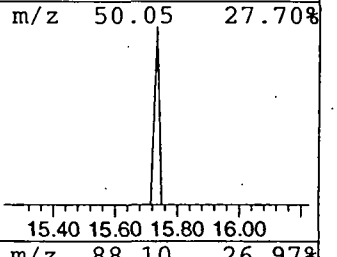
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

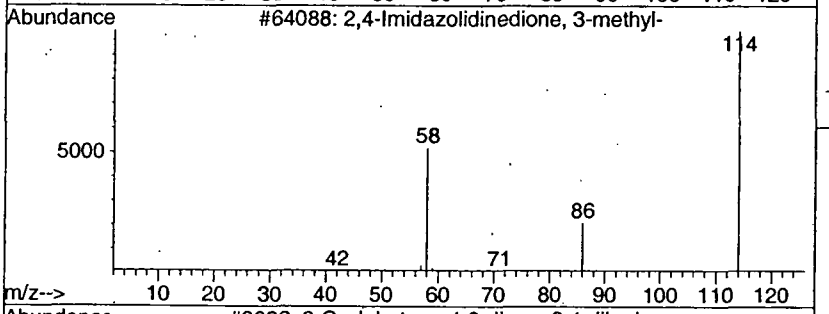


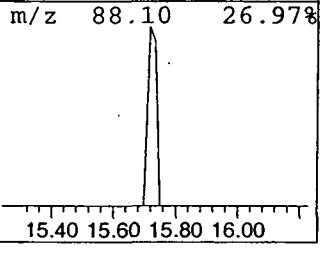


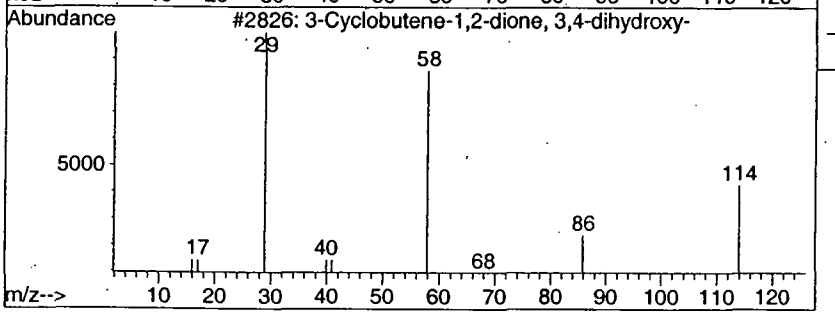












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11907.D Vial: 7
Acq On : 22 May 2002 9:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

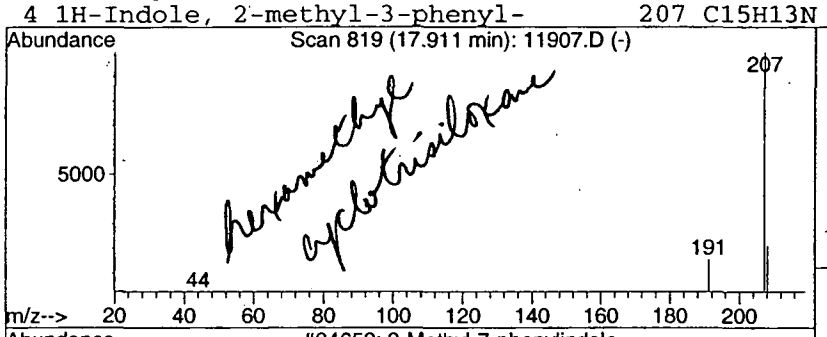
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

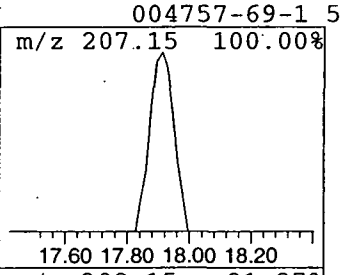
****

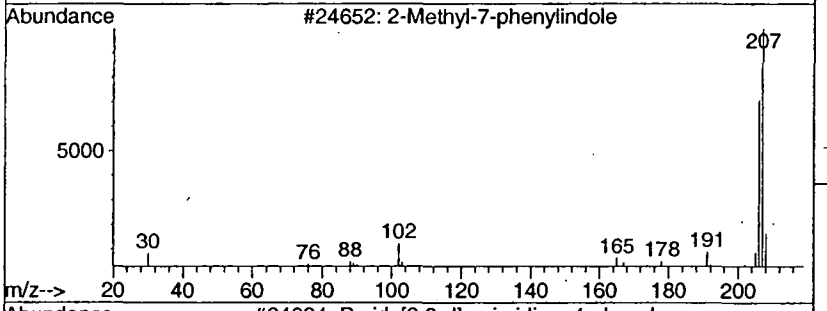
Peak Number 2 2-Methyl-7-phenylindole Concentration Rank 2

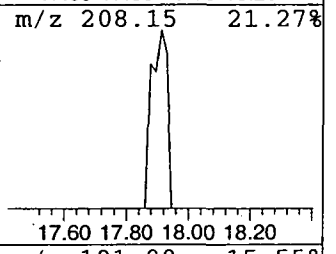
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.05 ug/L	30419	1,4-DIFLUOROBENZENE	15.07

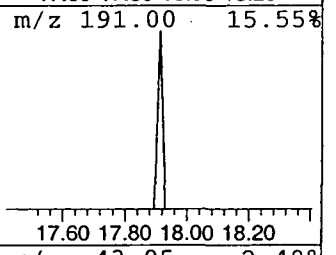
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	5
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5

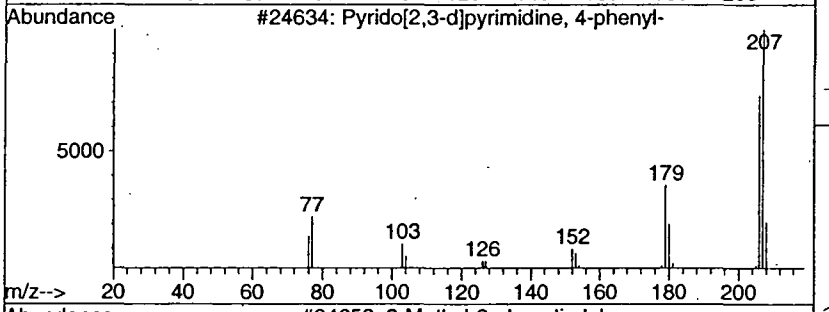


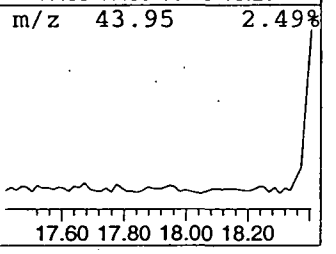


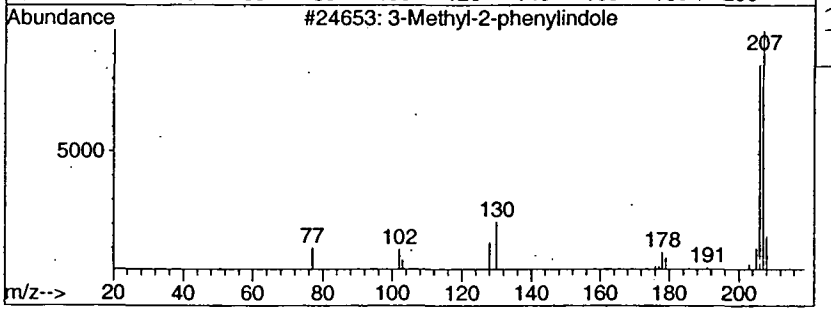












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11907.D Vial: 7
Acq On : 22 May 2002 9:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

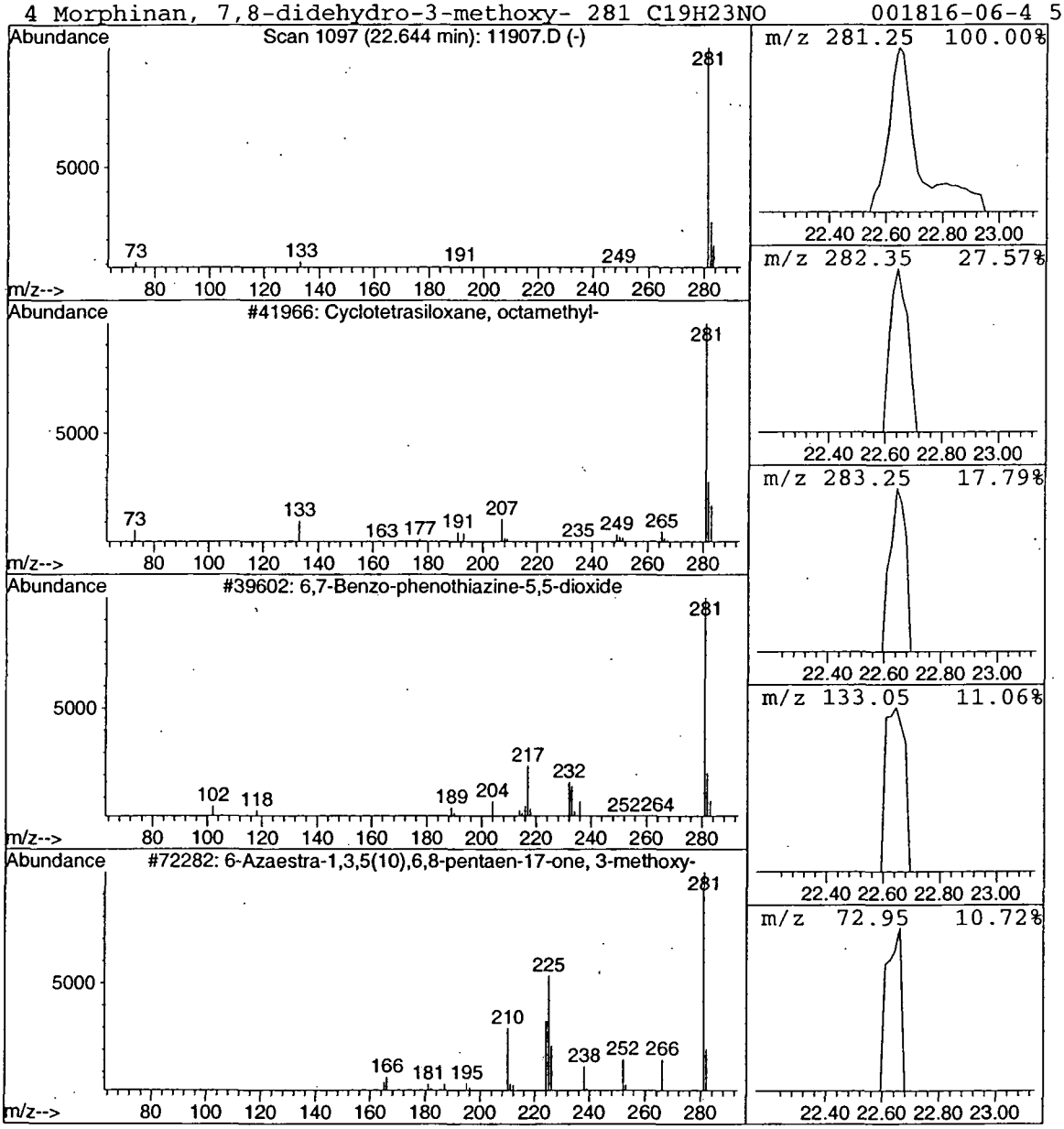
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.11 ug/L	71970	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	6-Azaestra-1,3,5(10),6,8-pentaen-17	281	C18H19NO2	005144-20-7	5
4	Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11907.D Vial: 7
Acq On : 22 May 2002 9:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

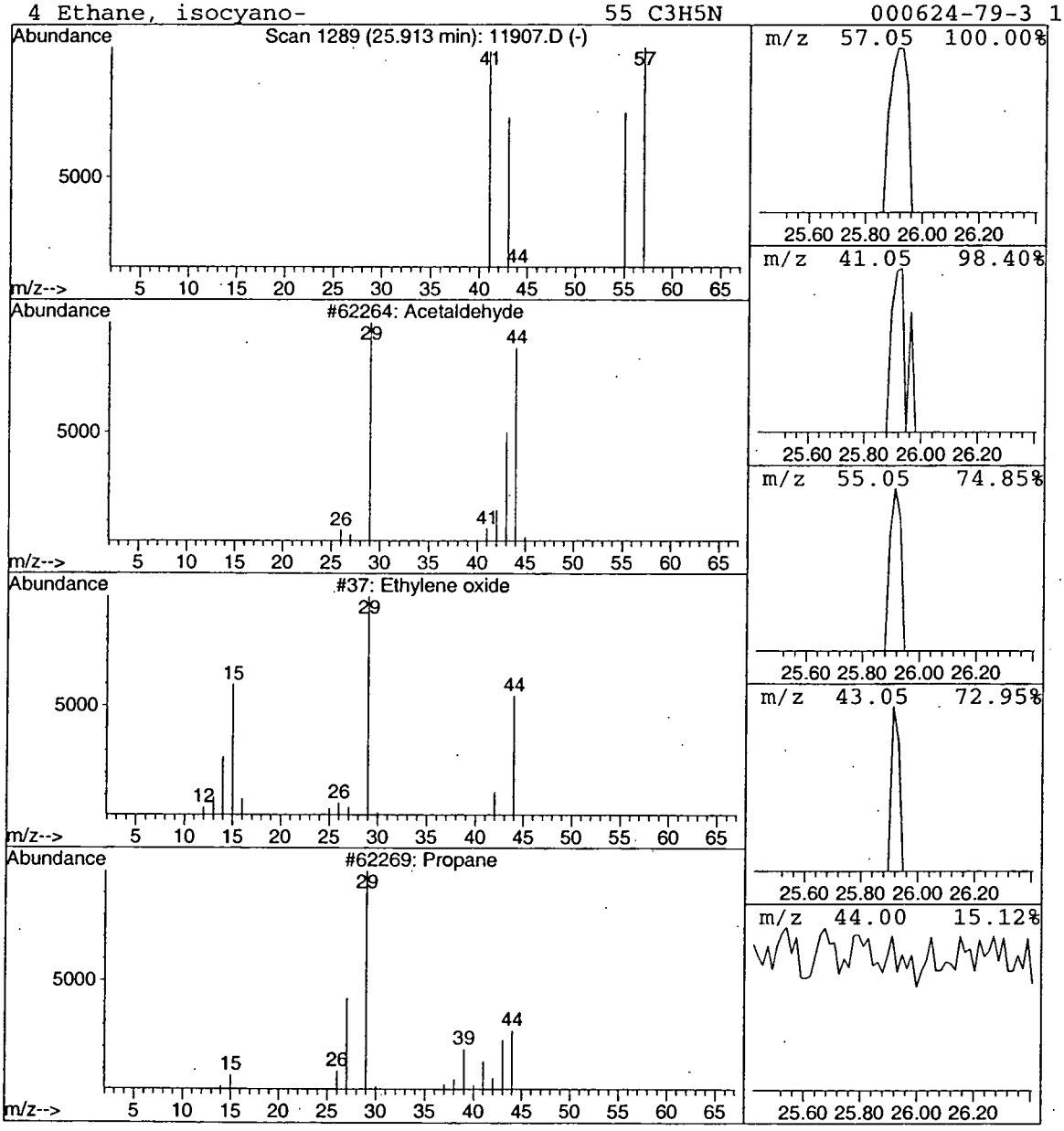
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	0.03 ug/L	16120	1,4-DICHLOROBENZENE-D4	26.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	1
2	Ethylene oxide	44	C2H4O	000075-21-8	1
3	Propane	44	C3H8	000074-98-6	1
4	Ethane, isocyano-	55	C3H5N	000624-79-3	1



ethyl hexanol

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:54:15

Sample: AE11905
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/22/02 00:00 Ended: 5/22/02 00:00 Analyst: BH
Result source: a:\0522c10b.rr
Page: 1

7-13

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		5.5		.5
3	Dichlorodifluoromethane		7.1		.5
4	Chloromethane		9.2		.5
5	Vinyl chloride		8.6		.5
6	Bromomethane		9.1		.5
7	Chloroethane		9.8		.5
8	Trichlorofluoromethane		8.8		.5
9	1,1-Dichloroethene		10		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether (MTBE)		9.9		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		42		2.0
15	2,2-dichloropropane		9.6		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		12		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		4.8		.5
21	1,1,1- trichloroethane		9.3		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.4		.5
24	Benzene		11		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		44		1.0
30	cis-1,3-dichloropropene		10		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		8.9		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		22		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		12		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 14:54:15

Sample: AE11905
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/22/02 00:00 Ended: 5/22/02 00:00 Analyst: BH
Result source: a:\0522c10b.rr
Page: 2

	Component Name	Viol.	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		9.1		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		9.8		.5
61	Hexachlobutadiene		9.5		.5
62	Naphthalene		7.4		.5
63	1,2,3-trichlorobenzene		9.9		.5
64	Nitrobenzene		190		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10B.D Vial: 3
Acq On : 22 May 2002 10:04 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:23 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1163302	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	1105681	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	560544	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	563412	4.96	ug/L	0.03
Spiked Amount 5.000			Recovery =	99.20%		
3) 4-BROMOFLUOROBENZENE	24.31	174	449297	5.48	ug/L	0.02
Spiked Amount 5.000			Recovery =	109.60%		
25) TOLUENE-D8	18.42	98	1457284	4.83	ug/L	0.02
Spiked Amount 5.000			Recovery =	96.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	295858	7.09	ug/L	100
5) CHLOROMETHANE	5.34	50	641964	9.22	ug/L	96
6) VINYL CHLORIDE	5.57	62	308348	8.65	ug/L	99
7) BROMOMETHANE	6.54	94	164277	9.06	ug/L	99
8) CHLOROETHANE	6.69	64	342286	9.84	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.25	101	572001	8.79	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	8.14	101	348145	9.36	ug/L	95
12) ACETONE	8.22	43	272138	26.42	ug/L	99
13) 1,1-DICHLOROETHENE	8.57	61	860684	10.29	ug/L	99
14) METHYLENE CHLORIDE	9.57	49	824477	10.81	ug/L	97
15) METHYL TERT BUTYL ETHER	9.88	73	585636	9.91	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.23	61	960912	11.33	ug/L	91
17) 1,1-DICHLOROETHANE	11.14	63	1039085	11.32	ug/L	100
18) 2-BUTANONE (MEK)	11.95	43	321282	41.53	ug/L	94
19) 2,2-DICHLOROPROPANE	12.34	77	718527	9.65	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.45	96	568676	11.42	ug/L	99
21) CHLOROFORM	12.77	83	1079907	10.99	ug/L	100
22) BROMOCHLOROMETHANE	13.16	49	452514	11.71	ug/L	97
23) 1,2-DICHLOROETHANE	14.51	62	821166	11.18	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.67	97	838188	9.32	ug/L	100
27) 1,1-DICHLOROPROPENE	14.00	75	833227	9.95	ug/L	100
28) CARBON TETRACHLORIDE	14.25	117	693737	9.38	ug/L	99
29) BENZENE	14.59	78	1907276	10.55	ug/L	100
30) TRICHLOROETHENE	15.87	95	612642	10.17	ug/L	95
31) 1,2-DICHLOROPROPANE	16.23	63	524188	10.75	ug/L	98
32) DIBROMOMETHANE	16.91	174	244442	10.34	ug/L	90
33) BROMODICHLOROMETHANE	16.74	83	724047	10.20	ug/L	96
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	142768	15.18	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.30	58	268811	43.98	ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.84	75	715110	10.41	ug/L	99
37) TOLUENE	18.59	91	1969871	10.68	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.87	75	511717	8.92	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.26	97	304435	10.71	ug/L	99
40) TETRACHLOROETHENE	20.04	166	564527	10.38	ug/L	95
41) 1,3-DICHLOROPROPANE	19.78	76	603848	10.94	ug/L	96
42) DIBROMOCHLOROMETHANE	20.48	129	368815	10.73	ug/L	95
43) 1,2-DIBROMOETHANE	20.93	107	307436	10.39	ug/L	99
44) CHLOROBENZENE	21.81	112	1235368	11.05	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	455757	10.56	ug/L	96
46) 2-HEXANONE	19.15	43	508514	43.47	ug/L	99
47) ETHYLBENZENE	21.84	91	2348504	10.81	ug/L	97

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10B.D Vial: 3
Acq On : 22 May 2002 10:04 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:23 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

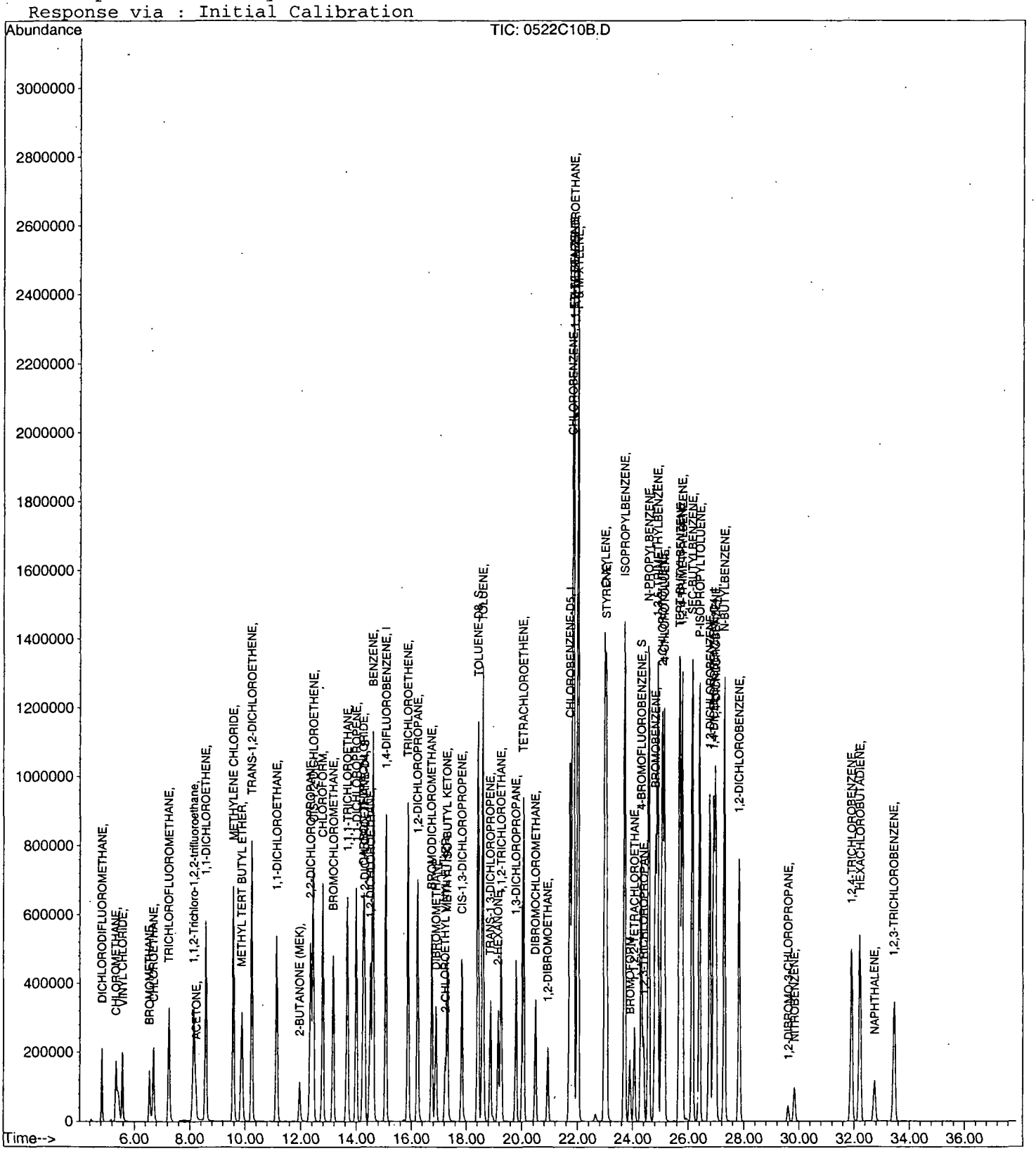
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.01	106	1504506	21.57 ug/L	95
49)	O-XYLENE	22.99	91	1855770	10.95 ug/L	95
50)	STYRENE	23.04	104	1195310	11.08 ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	315704	11.32 ug/L	98
53)	BROMOFORM	23.90	173	170201	11.81 ug/L	97
54)	ISOPROPYLBENZENE	23.70	105	2009157	10.82 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.40	110	99083	11.07 ug/L	99
56)	N-PROPYLBENZENE	24.57	91	2564965	10.50 ug/L	99
57)	BROMOBENZENE	24.82	156	493779	10.89 ug/L	94
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	1755124	10.51 ug/L	98
59)	2-CHLOROTOLUENE	25.06	91	1842981	10.83 ug/L	100
60)	4-CHLOROTOLUENE	25.13	91	1545790	9.08 ug/L	96
61)	TERT-BUTYLBENZENE	25.69	119	1562460	10.54 ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	1825804	10.60 ug/L	98
63)	SEC-BUTYLBENZENE	26.13	105	2107269	10.34 ug/L	100
64)	P-ISOPROPYLTOLUENE	26.41	119	1653396	10.31 ug/L	97
65)	1,3-DICHLOROBENZENE	26.76	146	894481	10.54 ug/L	99
66)	1,4-DICHLOROBENZENE	26.97	146	902364	10.50 ug/L	99
67)	N-BUTYLBENZENE	27.29	91	1719526	10.34 ug/L	100
68)	1,2-DICHLOROBENZENE	27.82	146	747417	10.64 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	35590	10.35 ug/L	94
70)	1,2,4-TRICHLOROBENZENE	31.91	180	457176	9.84 ug/L	99
71)	HEXACHLOROBUTADIENE	32.21	225	339823	9.49 ug/L	98
72)	NAPHTHALENE	32.74	128	268079	7.38 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.44	180	351819	9.86 ug/L	95
74)	NITROBENZENE	29.83	77	143685	188.22 ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10B.D Vial: 3
Acq On : 22 May 2002 10:04 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:23 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522B2.D Vial: 1
Acq On : 22 May 2002 4:18 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:50 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:47:30 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00 ug/L	-15.03
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%	

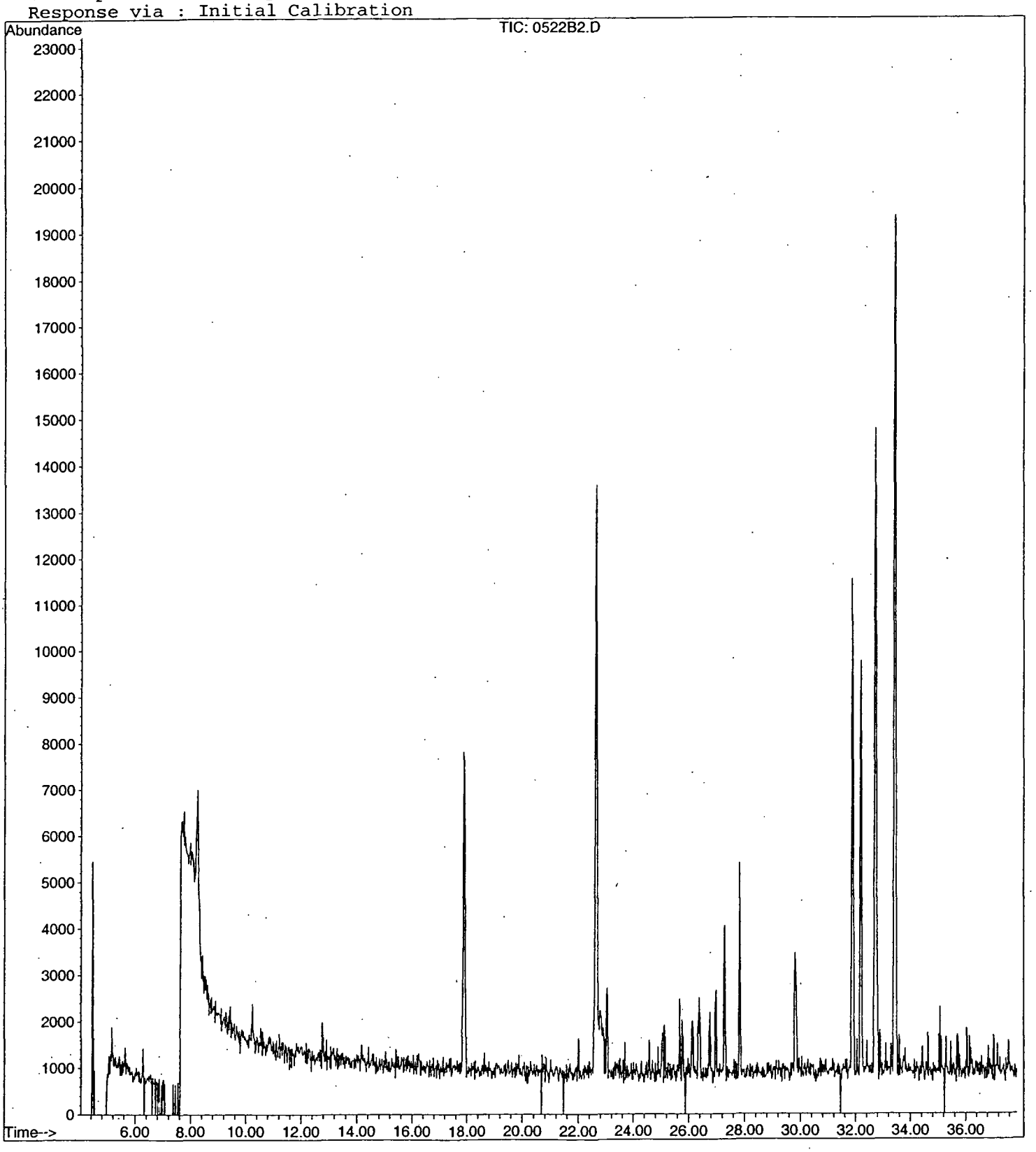
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522B2.D Vial: 1
Acq On : 22 May 2002 4:18 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:50 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:14:32

Sample: AE12151
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:01 Ended: 5/22/02 00:01 Analyst: BH
Result source: a:\12151.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.9	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		4.9	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 _____
DATE 5/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:14:32

Sample: AE12151
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/22/02 00:01 Ended: 5/22/02 00:01 Analyst: BH
Result source: a:\12151.rr

	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\02MAY22\12151.D Vial: 5
Acq On : 22 May 2002 11:30 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:14 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1083109	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	994356	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	436366	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	515123	4.87	ug/L	0.03
Spiked Amount 5.000			Recovery =	97.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	371086	4.86	ug/L	0.02
Spiked Amount 5.000			Recovery =	97.20%		
25) TOLUENE-D8	18.42	98	1332138	4.90	ug/L	0.02
Spiked Amount 5.000			Recovery =	98.00%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	21714	2.26	ug/L	92

(#) = qualifier out of range (m) = manual integration
12151.D HP051702.M Thu May 23 10:14:23 2002 Page 1

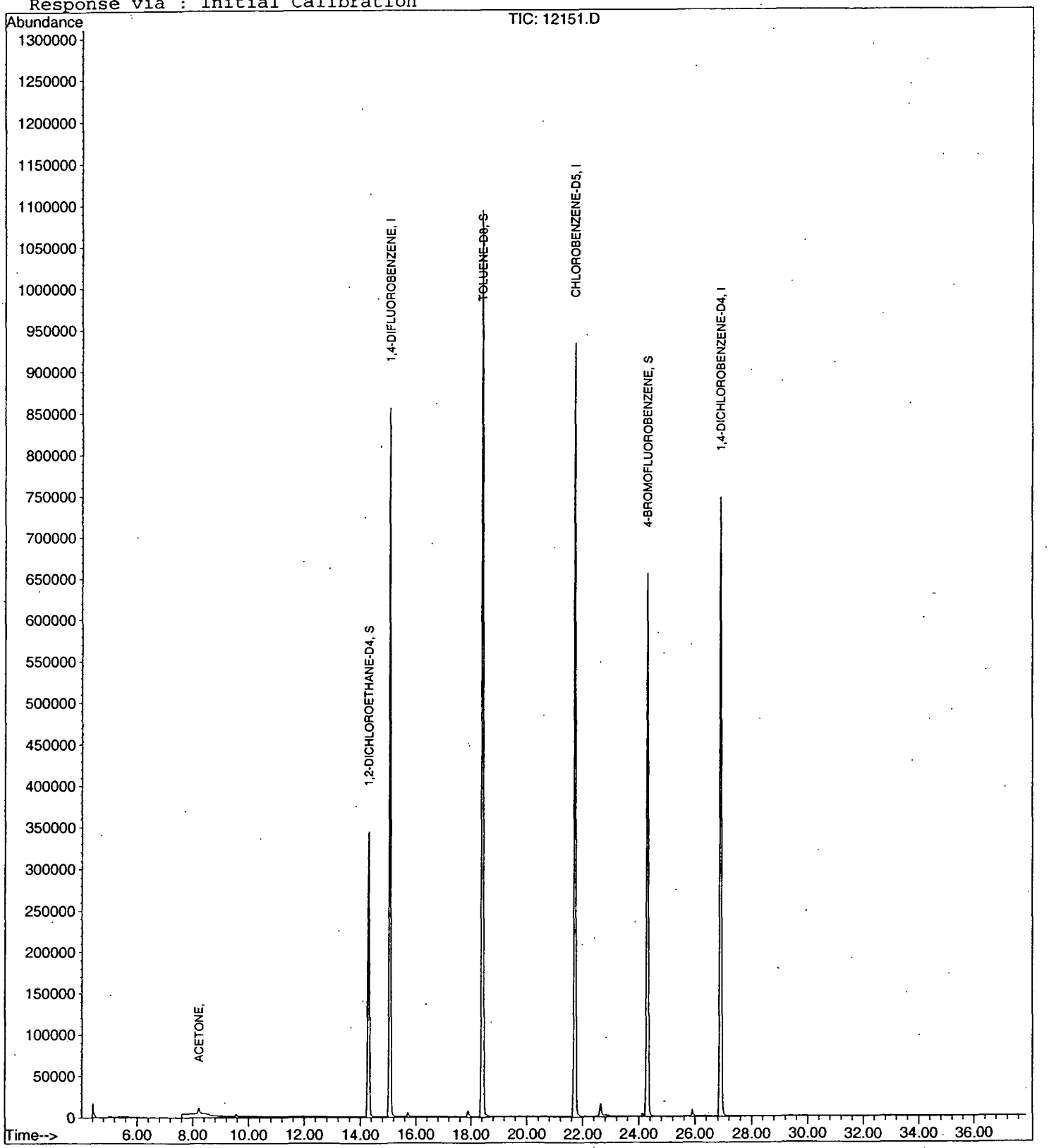
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151.D
Acq On : 22 May 2002 11:30 pm
Sample : nyc
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 10:14 2002

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

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151.D
Acq On : 22 May 2002 11:30 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

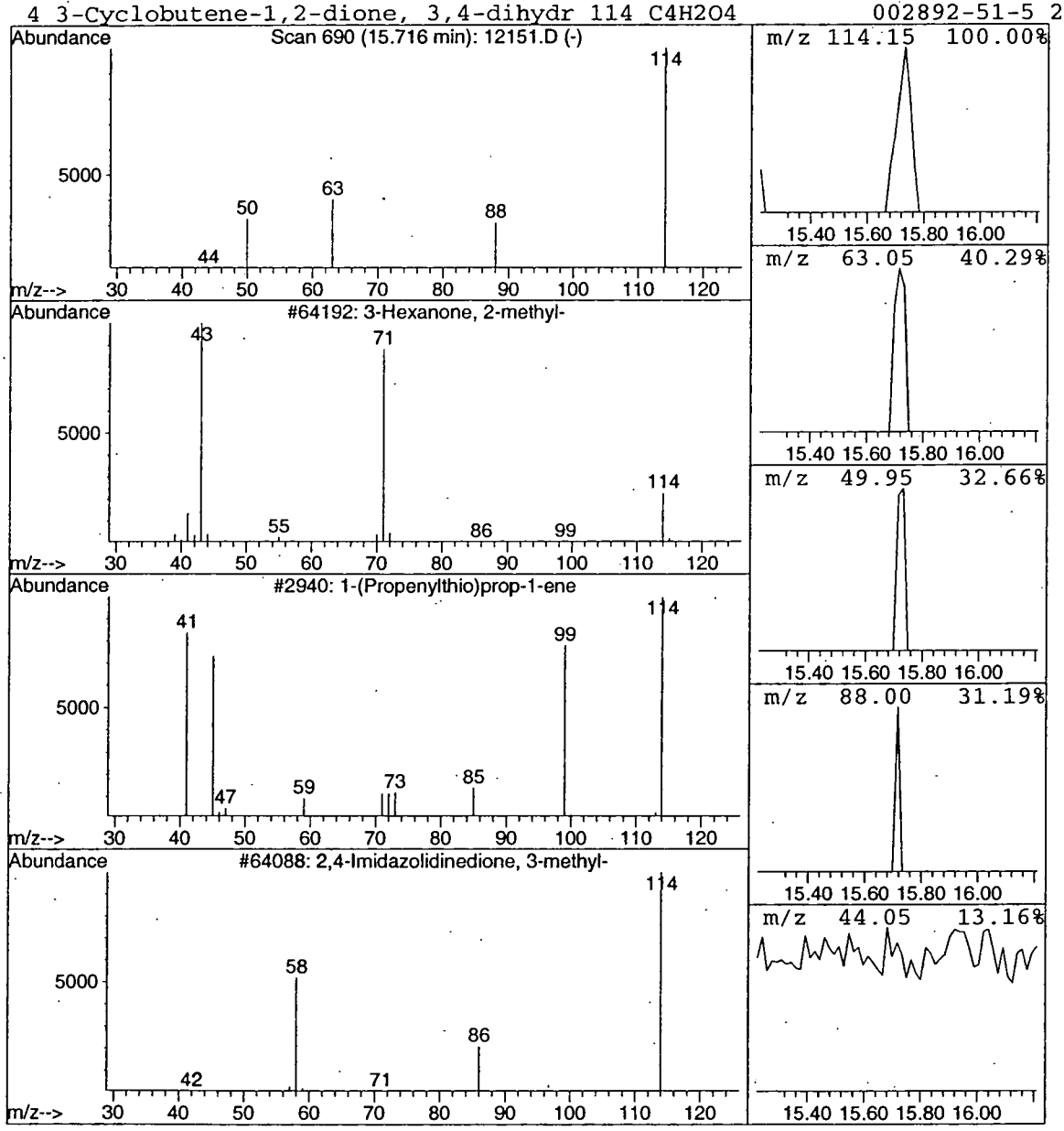
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	0.03 ug/L	16430	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151.D Vial: 5
Acq On : 22 May 2002 11:30 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

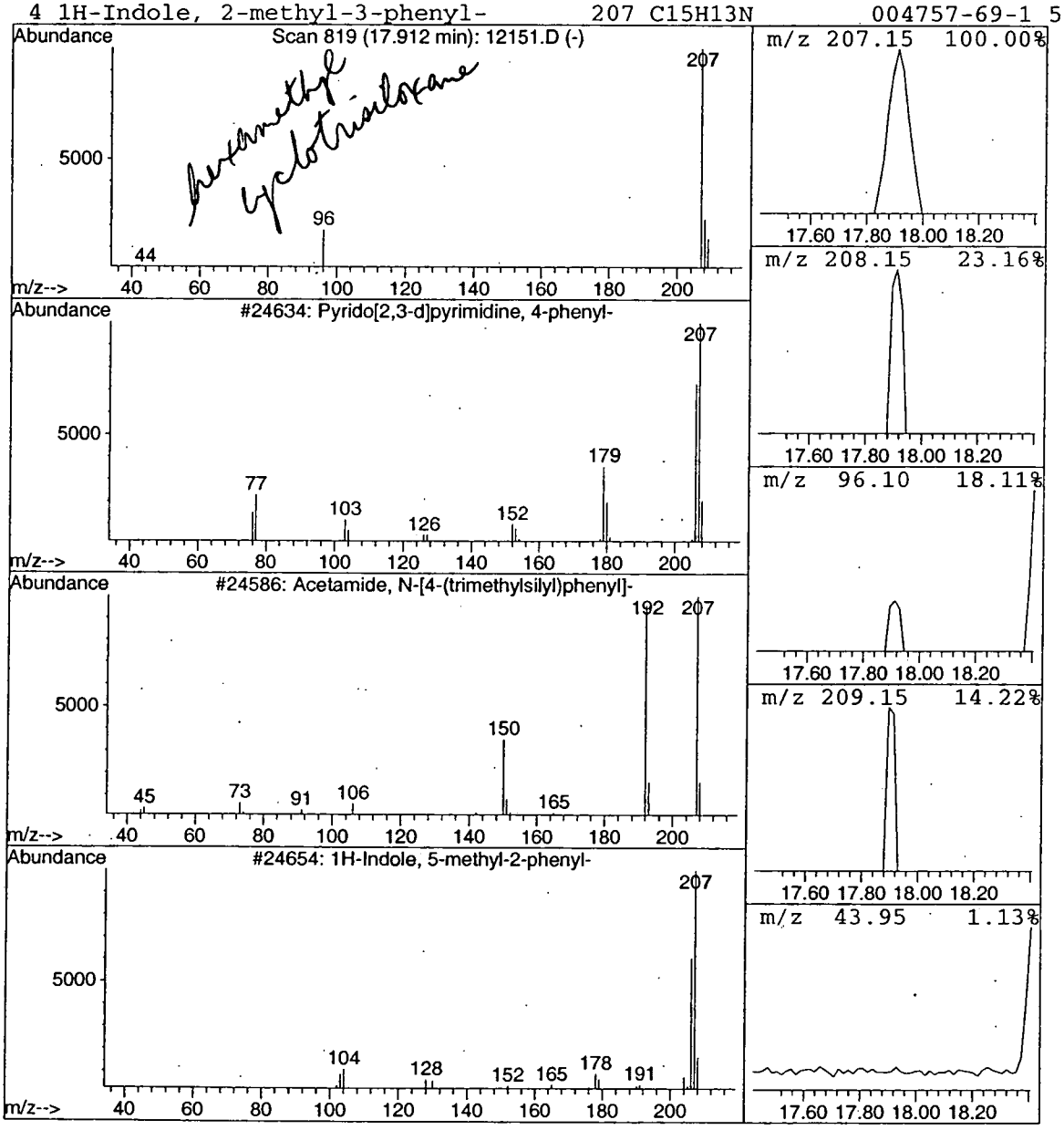
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.05 ug/L	32754	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	5
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	5
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151.D Vial: 5
Acq On : 22 May 2002 11:30 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

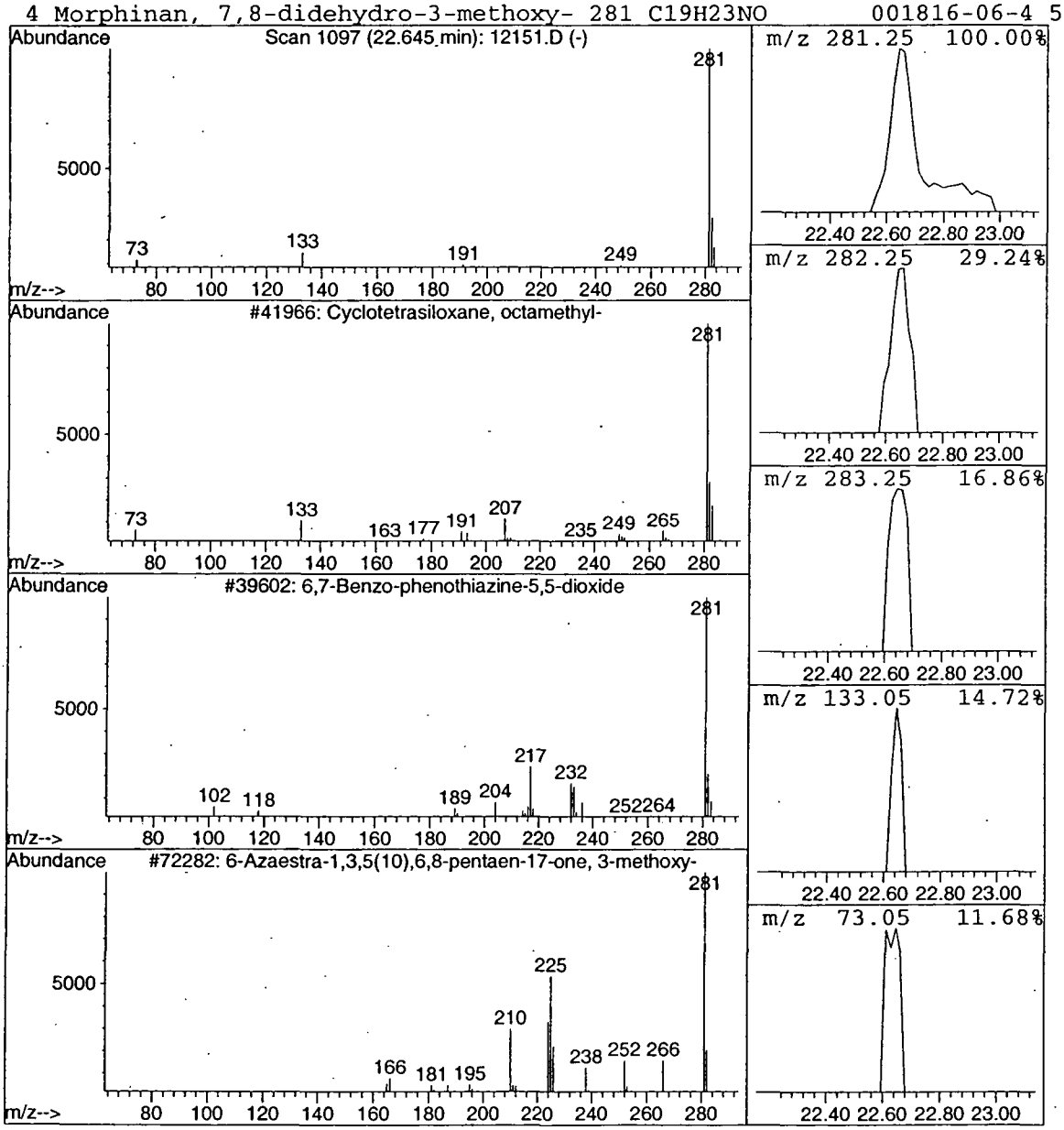
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.10 ug/L	70287	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	6-Azaestra-1,3,5(10),6,8-pentaen-17	281	C18H19NO2	005144-20-7	5
4	Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151.D Vial: 5
Acq On : 22 May 2002 11:30 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

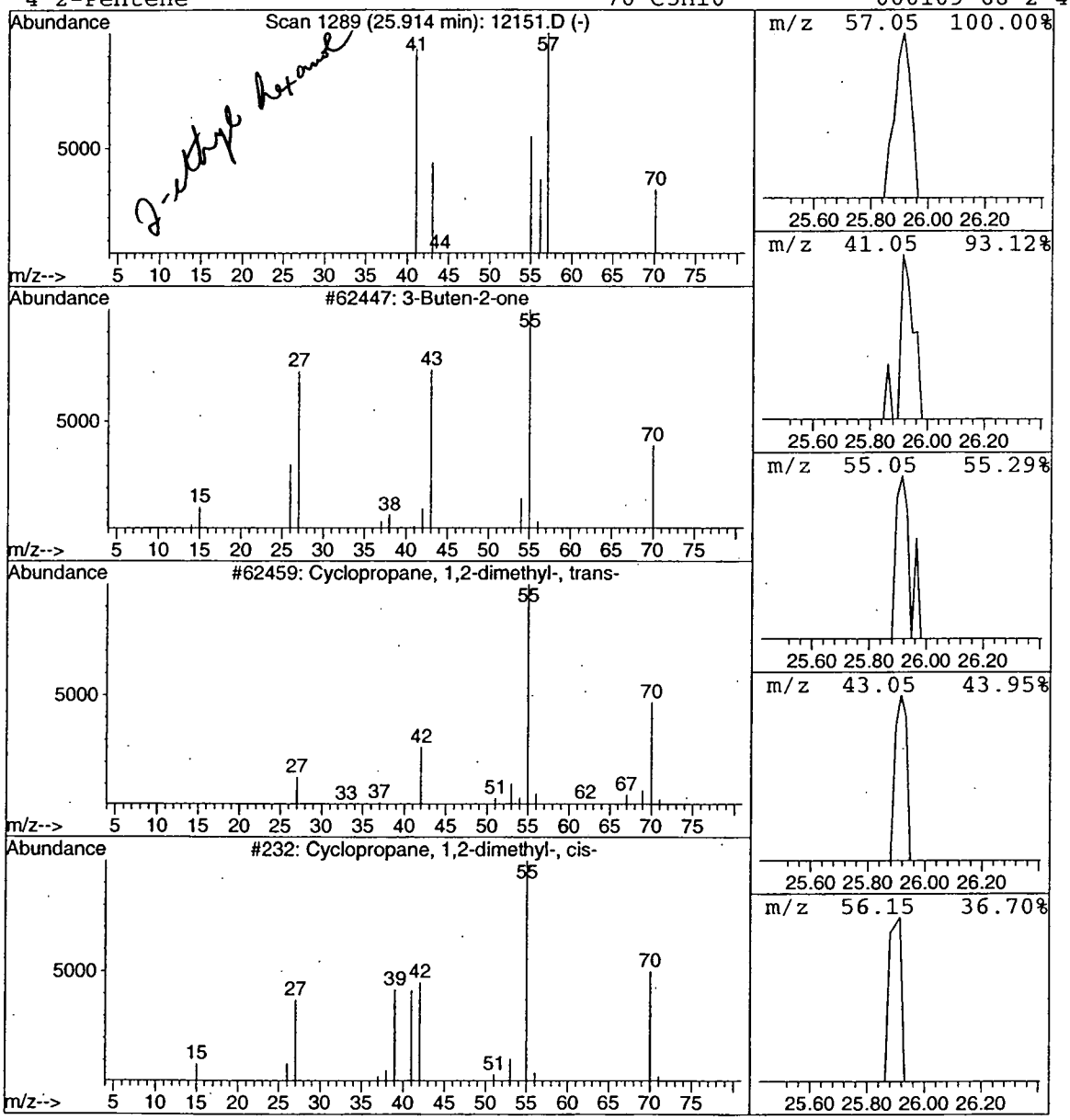
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Buten-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	0.04 ug/L	25313	1,4-DICHLOROBENZENE-D4	26.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one	70	C4H6O	000078-94-4	7
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	4
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	4
4	2-Pentene	70	C5H10	000109-68-2	4



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:48:13

Sample: AE12152
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/23/2002 00:02 Ended: 5/23/2002 00:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.7	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		0.21-below MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		5.0	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

REVIEWED BY AV
DATE 5/30/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:48:13

Sample: AE12152
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/23/2002 00:02 Ended: 5/23/2002 00:02 Analyst: BH
Result source: manual entry
Page: 2

#	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	0.5
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\02MAY22\12152.D Vial: 6
Acq On : 23 May 2002 12:13 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:17 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	974864	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	892597	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	386756	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	479192	5.03	ug/L	0.03
Spiked Amount 5.000			Recovery	= 100.60%		
3) 4-BROMOFLUOROBENZENE	24.31	174	323726	4.71	ug/L	0.02
Spiked Amount 5.000			Recovery	= 94.20%		
25) TOLUENE-D8	18.42	98	1207206	4.95	ug/L	0.02
Spiked Amount 5.000			Recovery	= 99.00%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	21191	2.45	ug/L	95
21) CHLOROFORM	12.77	83	17282	0.21	ug/L	93
33) BROMODICHLOROMETHANE	16.75	83	2916	0.05	ug/L	95

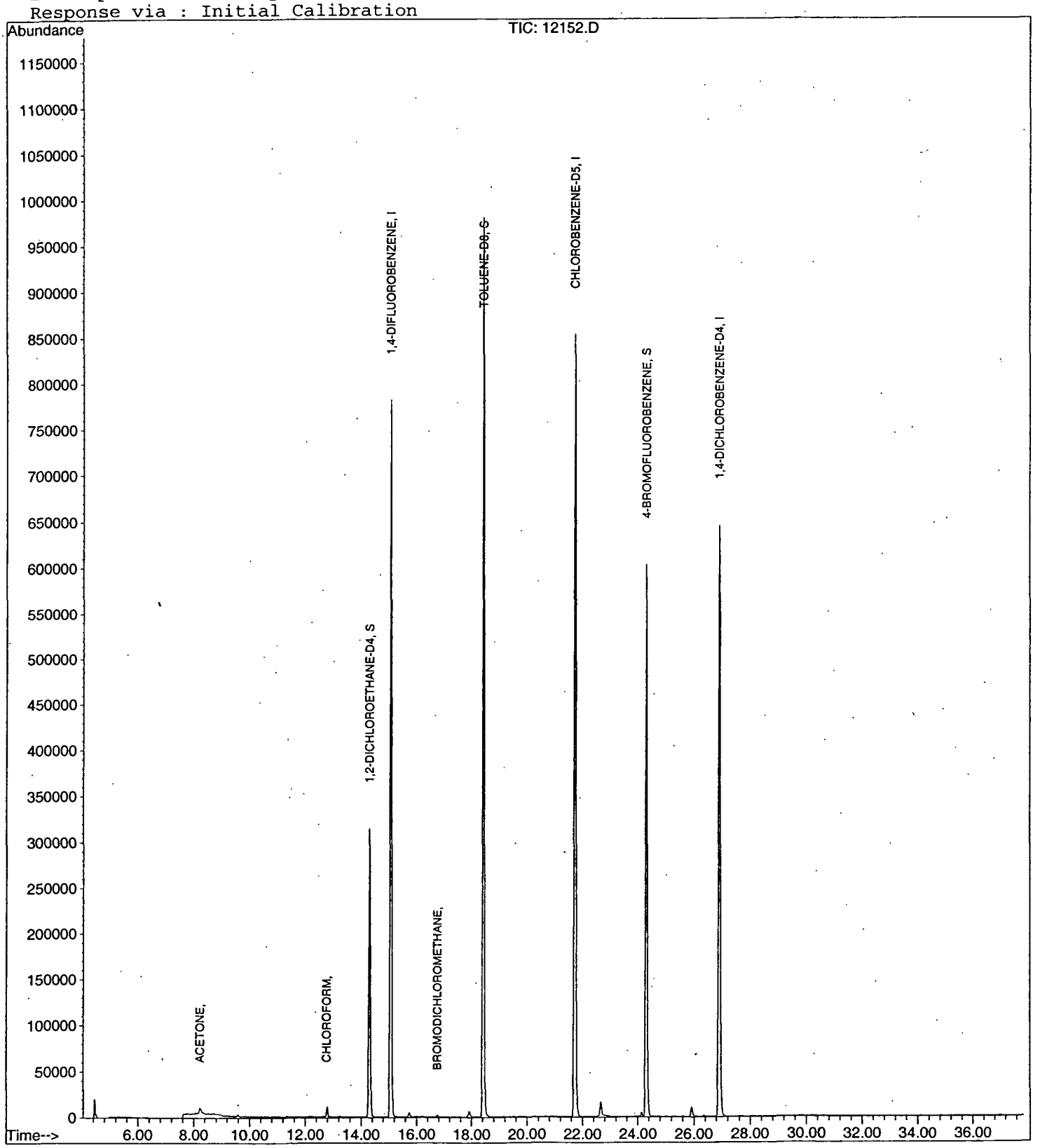
(#) = qualifier out of range (m) = manual integration
12152.D HP051702.M Thu May 23 10:17:40 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12152.D
Acq On : 23 May 2002 12:13 am
Sample : nyc
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 10:17 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12152.D Vial: 6
Acq On : 23 May 2002 12:13 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

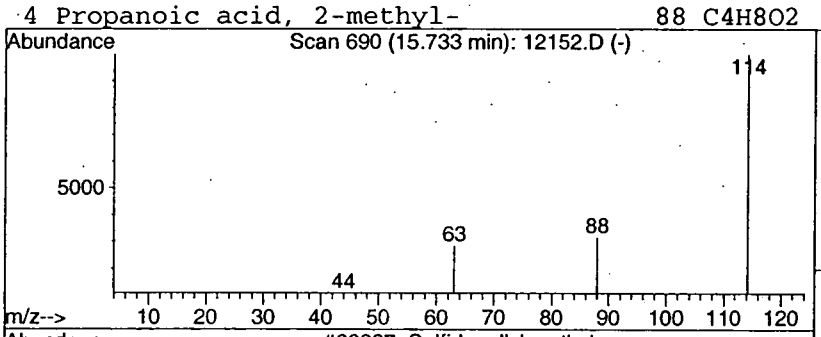
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

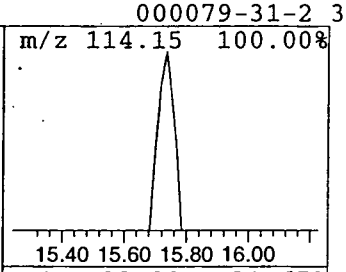
****

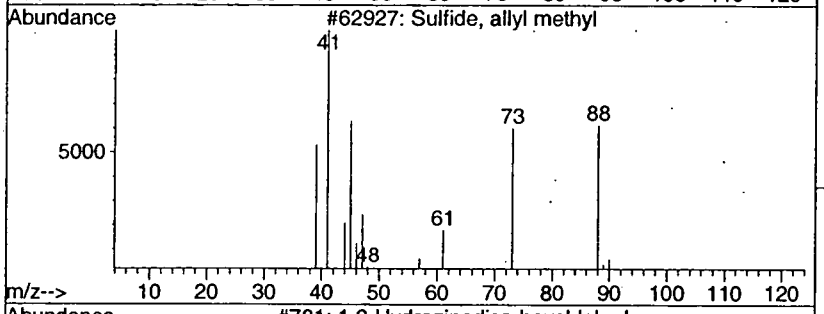
Peak Number 1 Sulfide, allyl methyl Concentration Rank 4

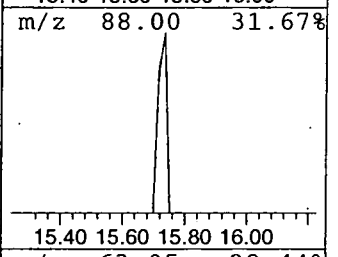
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	13965	1,4-DIFLUOROBENZENE	15.07

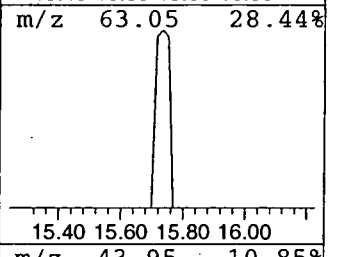
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, allyl methyl	88	C4H8S	010152-76-8	4
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4
3	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3

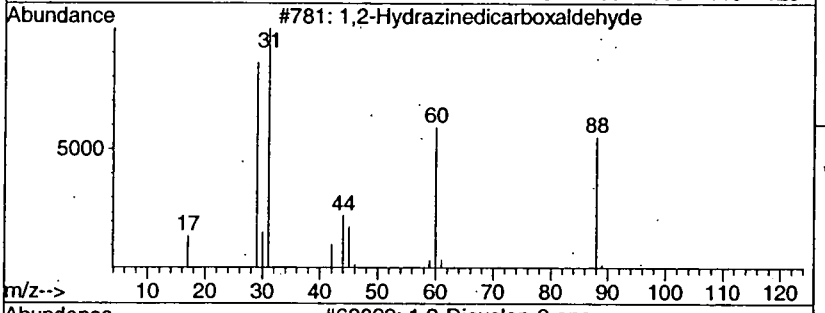


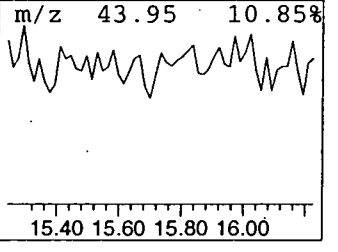


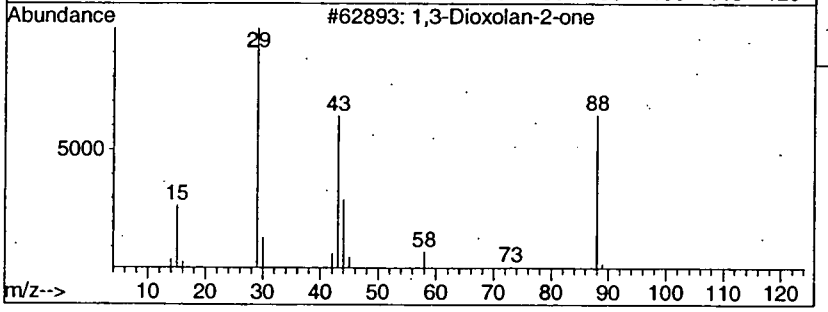












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12152.D Vial: 6
Acq On : 23 May 2002 12:13 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

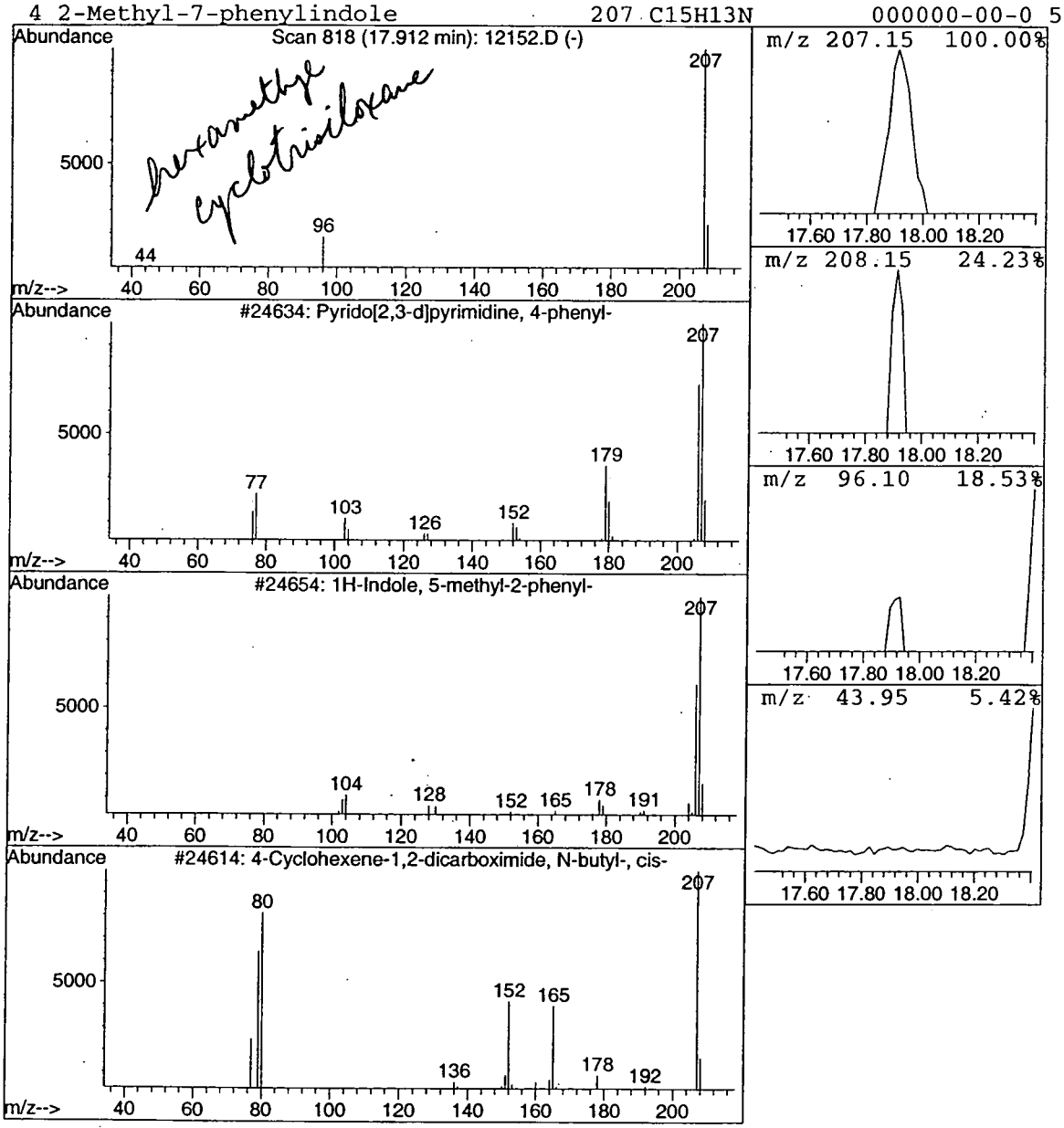
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.06 ug/L	32634	1,4-DIFLUOROBENZENE	15.07

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, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	5
3	4-Cyclohexene-1,2-dicarboximide, N-	207	C12H17NO2	028916-00-9	5
4	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12152.D Vial: 6
Acq On : 23 May 2002 12:13 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

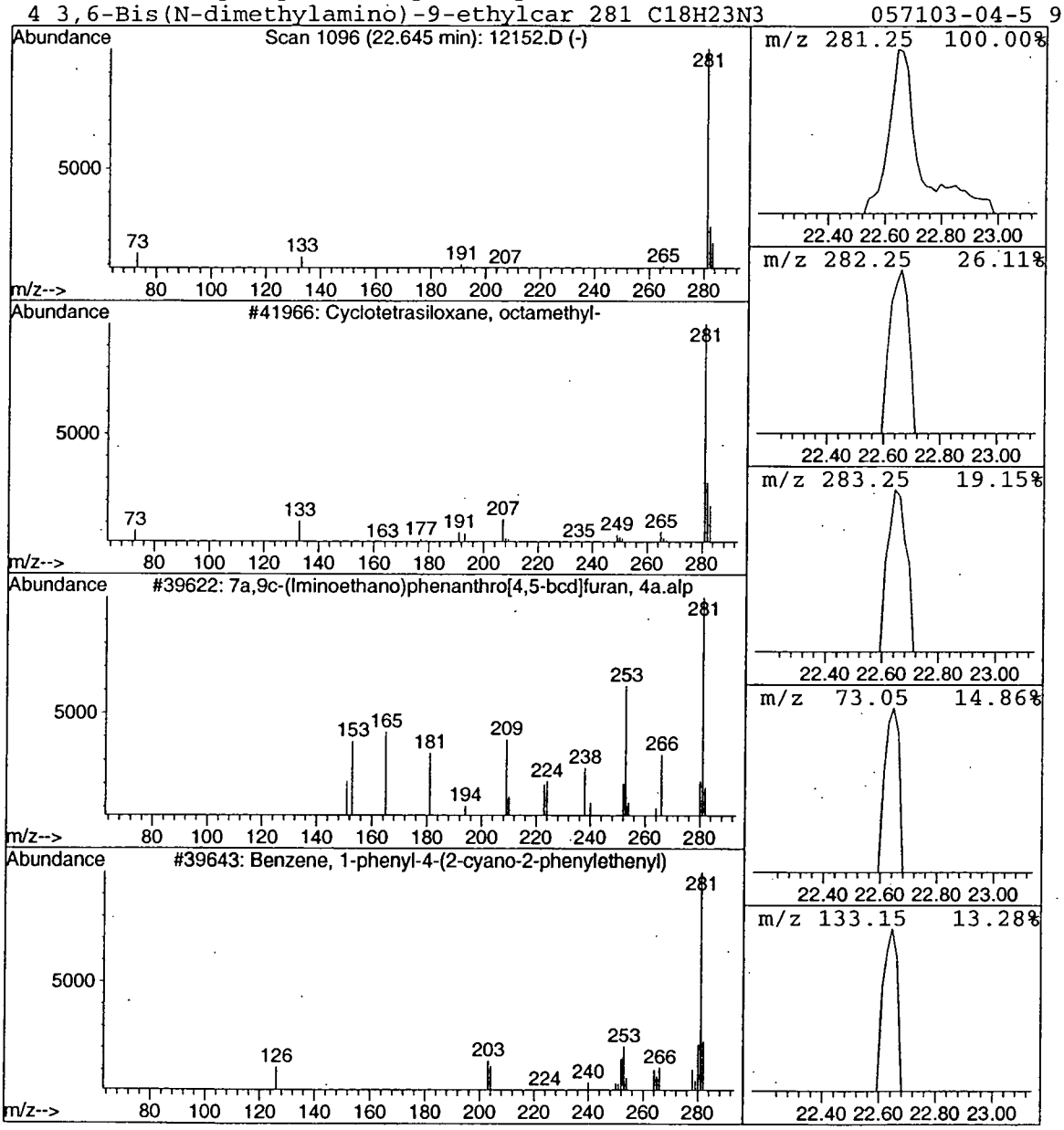
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.12 ug/L	78128	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	7a,9c-(Iminoethano)phenanthro[4,5-b	281	C18H19NO2	024695-70-3	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12152.D Vial: 6
Acq On : 23 May 2002 12:13 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

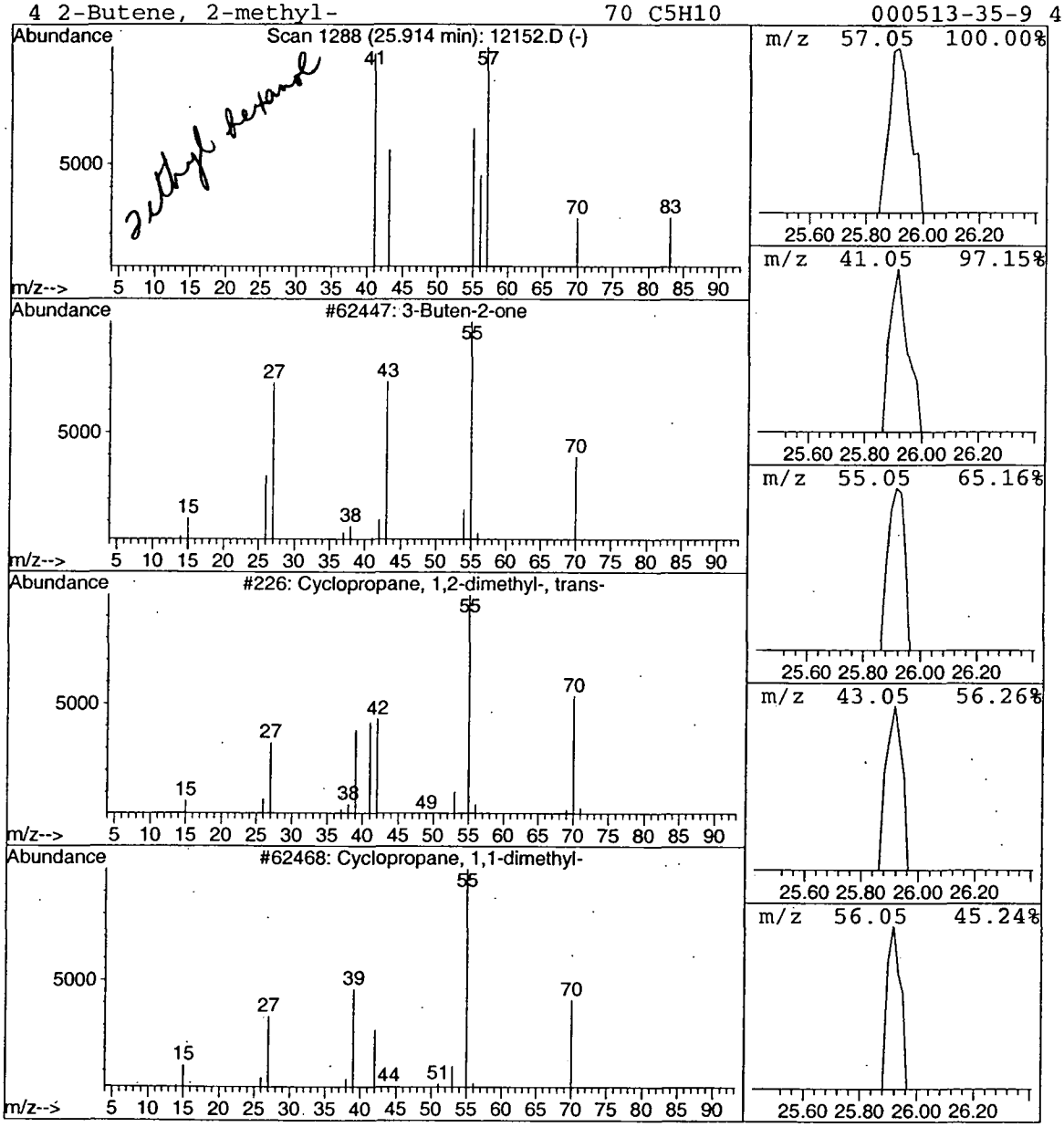
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Buten-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	0.08 ug/L	44490	1,4-DICHLOROBENZENE-D4	26.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one	70	C4H6O	000078-94-4	7
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	4
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	4
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:15:16

Sample: AE12153
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/23/02 00:02 Ended: 5/23/02 00:02 Analyst: BH
Result source: a:\12153.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8	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		5.0	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 AV
DATE 5/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:15:16

Sample: AE12153
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/23/02 00:02 Ended: 5/23/02 00:02 Analyst: BH
Result source: a:\12153.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\02MAY22\12153.D Vial: 7
Acq On : 23 May 2002 12:56 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:19 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

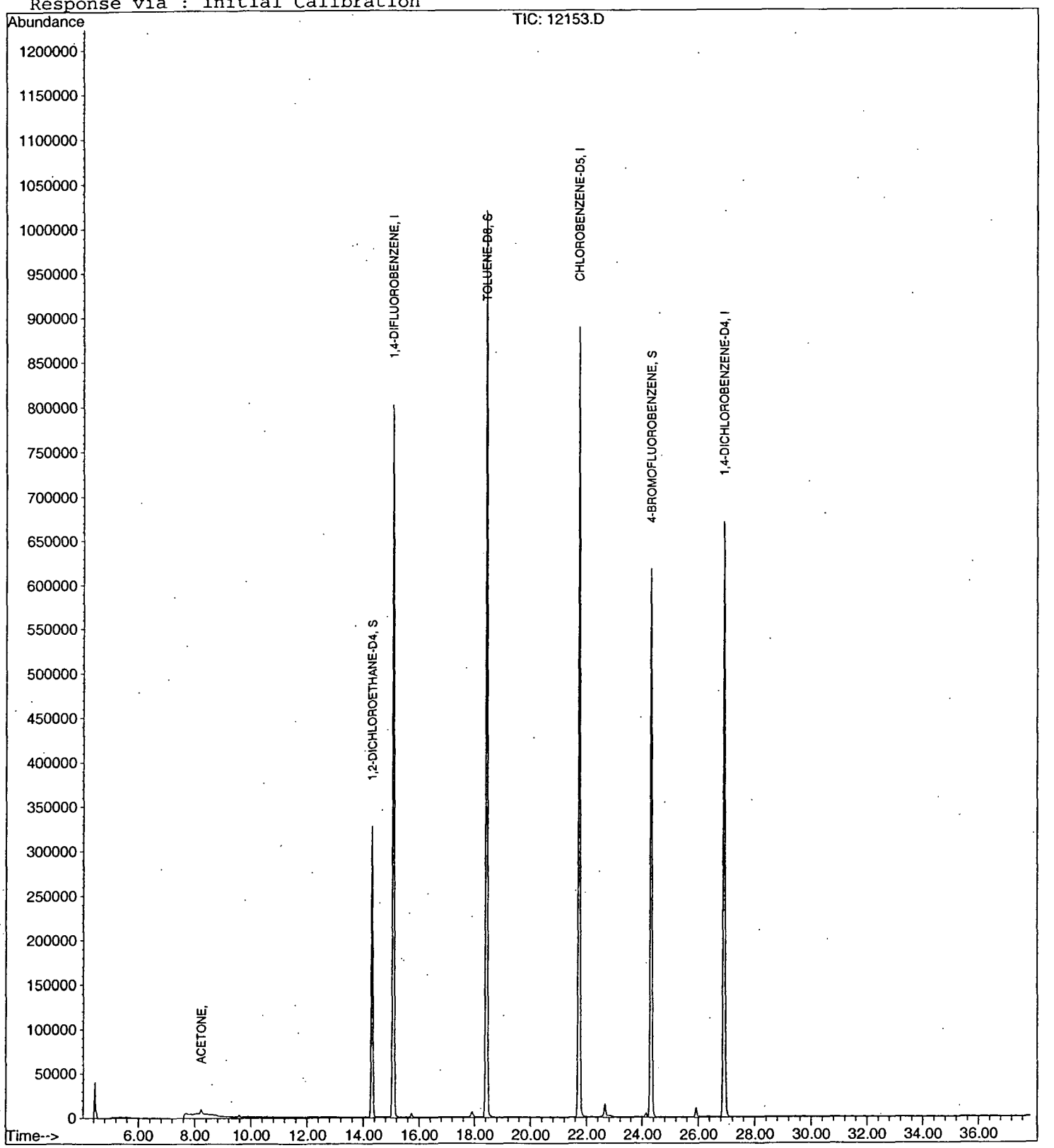
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1005736	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	922323	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	400140	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	495457	5.04	ug/L	0.03
Spiked Amount 5.000			Recovery = 100.80%			
3) 4-BROMOFLUOROBENZENE	24.31	174	340670	4.80	ug/L	0.02
Spiked Amount 5.000			Recovery = 96.00%			
25) TOLUENE-D8	18.42	98	1255394	4.98	ug/L	0.02
Spiked Amount 5.000			Recovery = 99.60%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	19033	2.14	ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12153.D Vial: 7
Acq On : 23 May 2002 12:56 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:19 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12153.D Vial: 7
Acq On : 23 May 2002 12:56 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

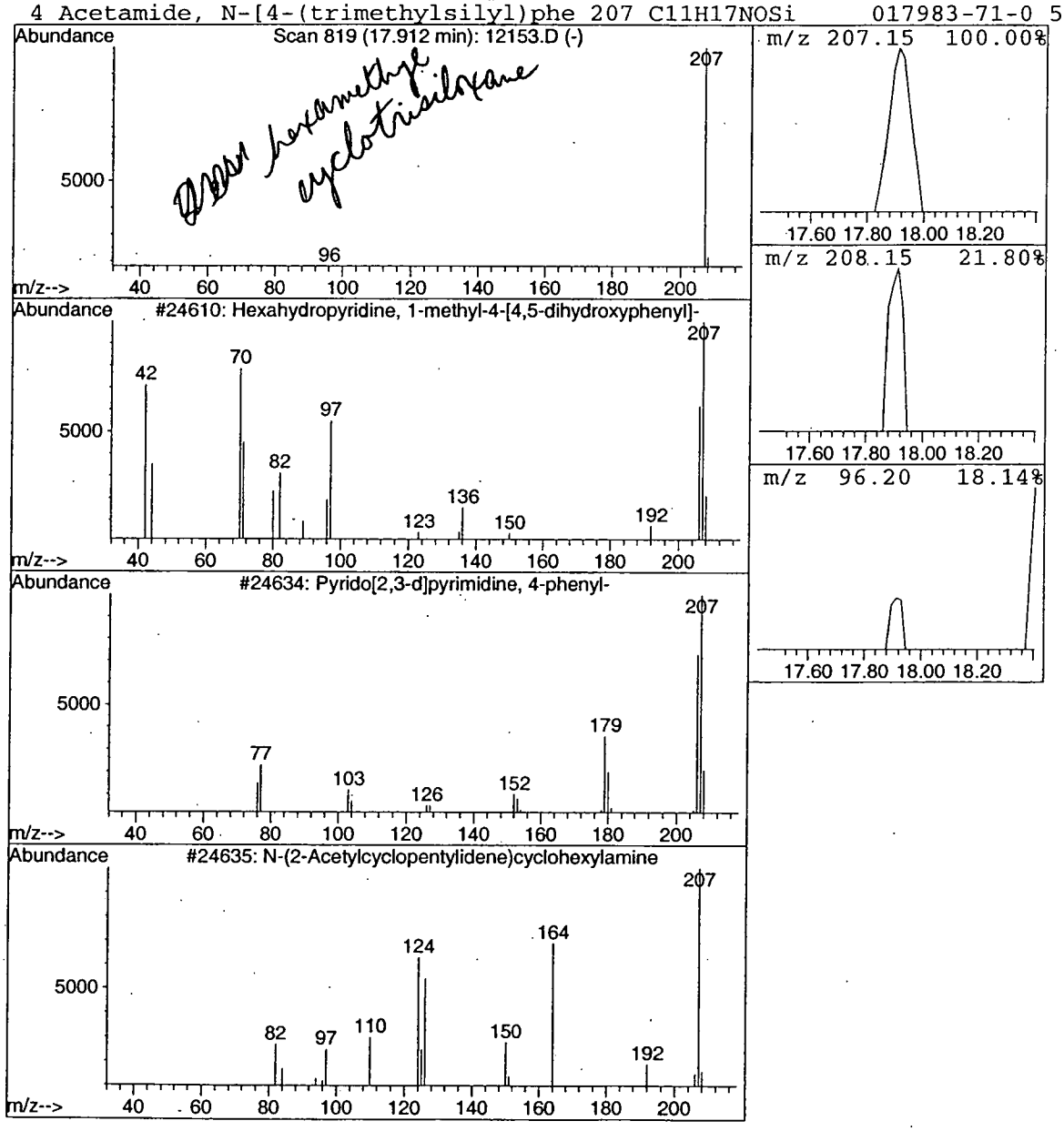
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.05 ug/L	29519	1,4-DIFLUOROBENZENE	15.07

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	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	5
4	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12153.D Vial: 7
Acq On : 23 May 2002 12:56 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

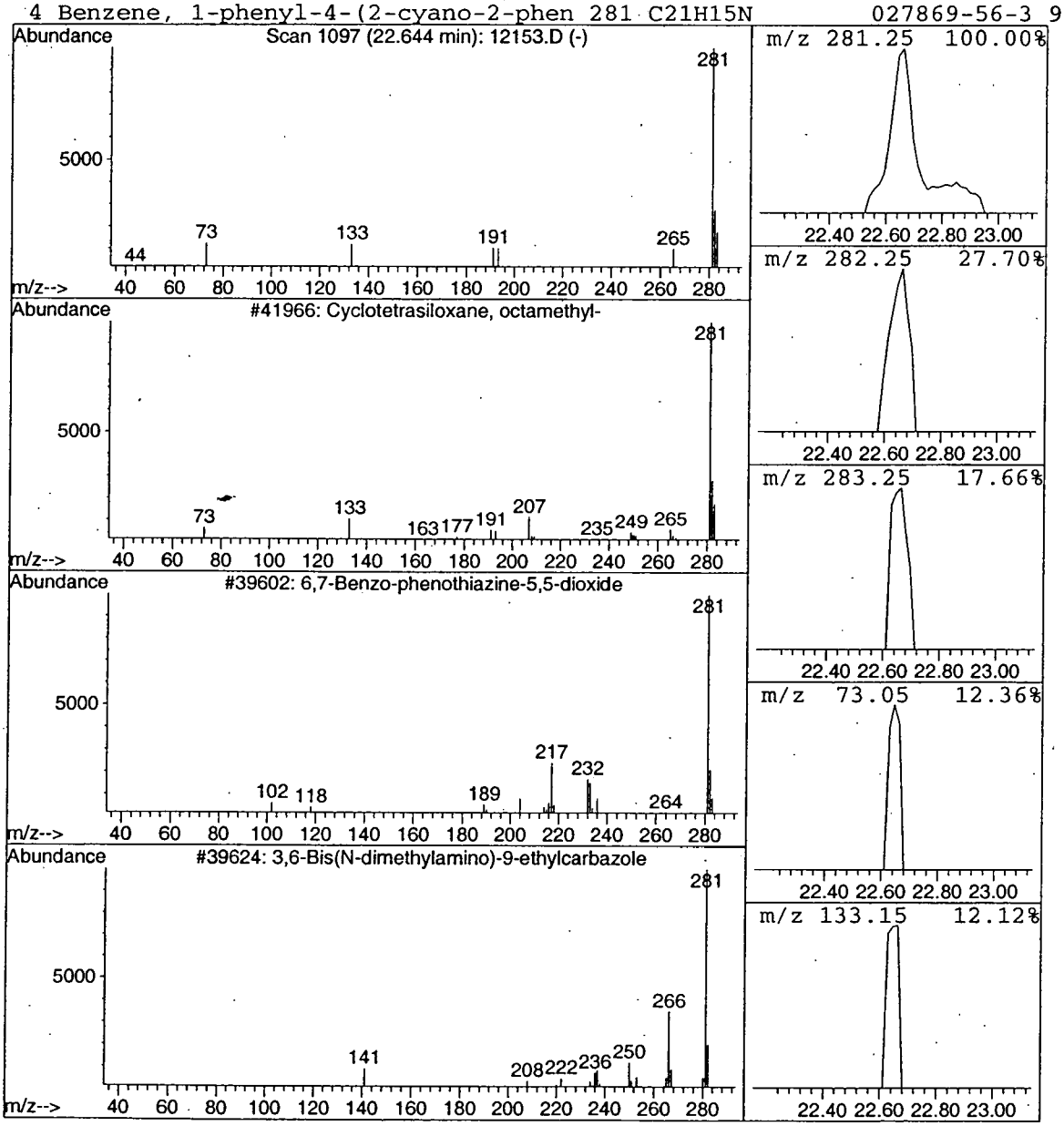
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.11 ug/L	70701	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12153.D Vial: 7
Acq On : 23 May 2002 12:56 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

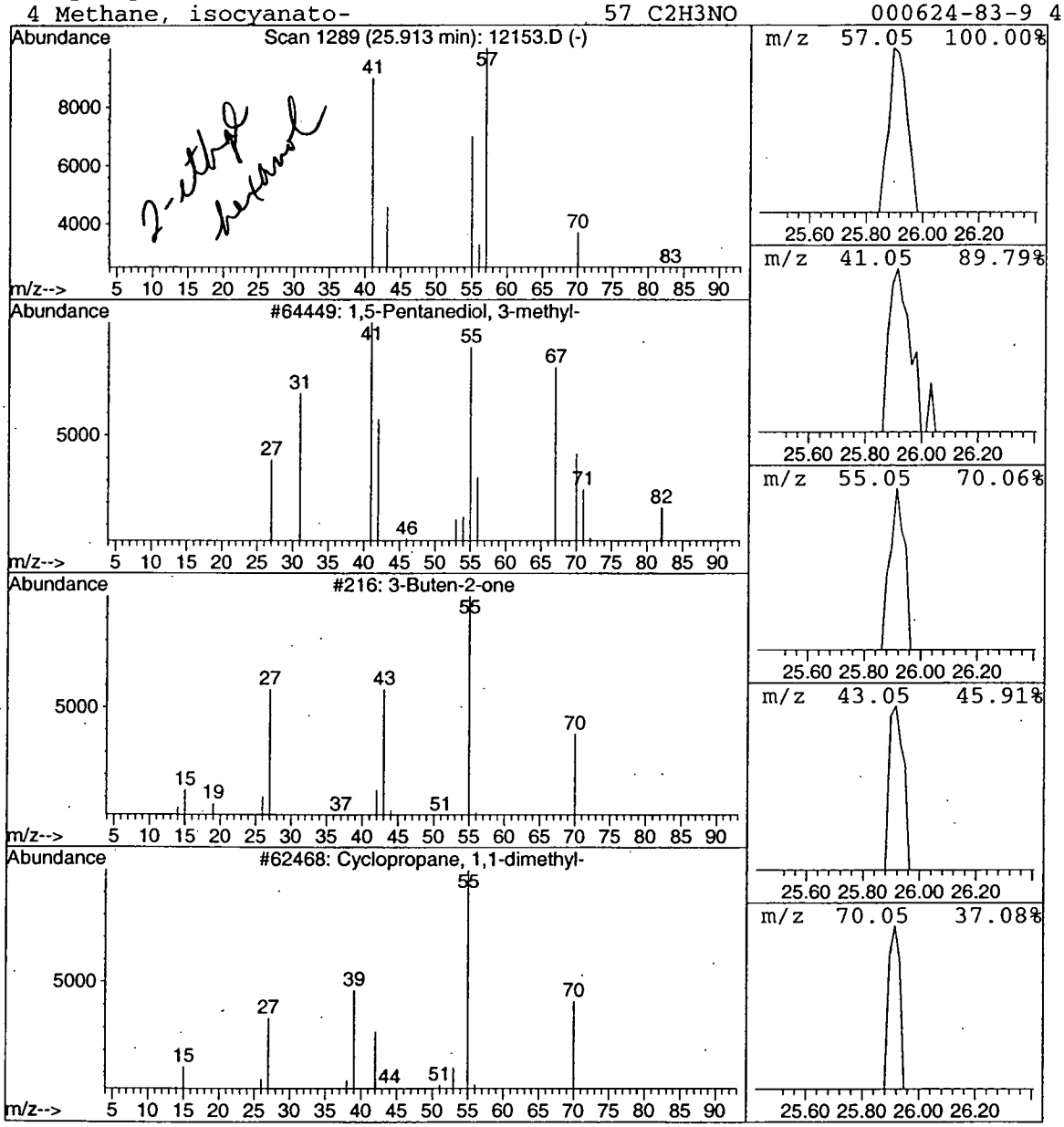
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,5-Pentanediol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	0.08 ug/L	41760	1,4-DICHLOROBENZENE-D4	26.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	9
2	3-Buten-2-one	70	C4H6O	000078-94-4	7
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	4
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:15:52

Sample: AE12155
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/23/02 00:01 Ended: 5/23/02 00:01 Analyst: BH
Result source: a:\12155.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.9	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		4.9	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 AV
DATE 5/29/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/29/2002 Time: 17:11:32

Sample: AE12155
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/23/2002 00:01 Ended: 5/23/2002 00:01 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	0.5
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		0.71	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\02MAY22\12155.D Vial: 8
Acq On : 23 May 2002 1:39 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:21 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1049935	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.72	117	963058	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	429610	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	516485	5.04	ug/L	0.03
Spiked Amount 5.000			Recovery =	100.80%		
3) 4-BROMOFLUOROBENZENE	24.31	174	361137	4.88	ug/L	0.02
Spiked Amount 5.000			Recovery =	97.60%		
25) TOLUENE-D8	18.42	98	1288562	4.90	ug/L	0.02
Spiked Amount 5.000			Recovery =	98.00%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	16583	1.78	ug/L	89
65) 1,3-DICHLOROBENZENE	26.97	146	46973	~~0.72~~	~~ug/L~~	98
66) 1,4-DICHLOROBENZENE .71	26.97	146	46971	0.71	ug/L	98

Will run dup. 5/23 After 1 run

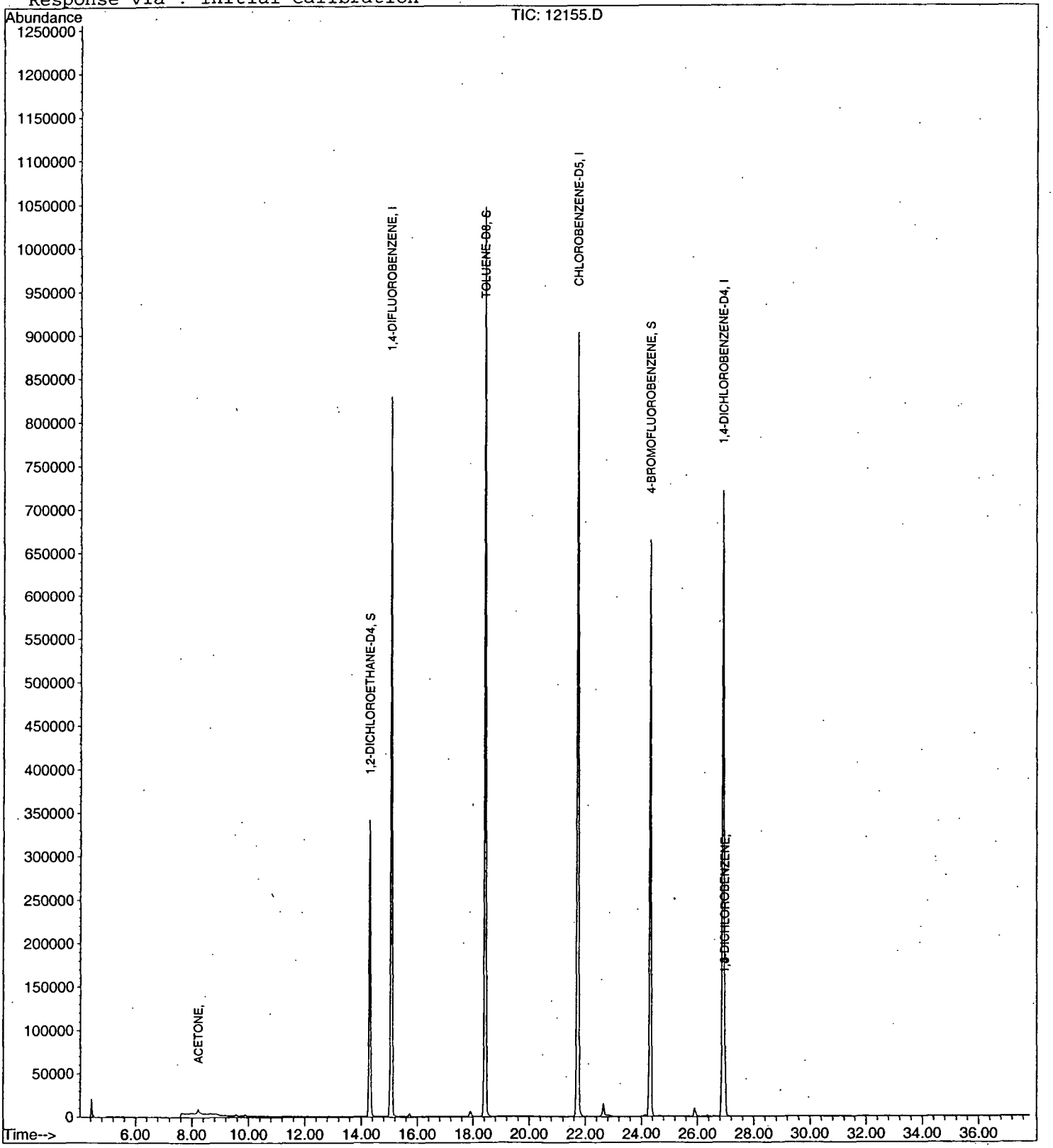
(#) = qualifier out of range (m) = manual integration
12155.D HP051702.M Thu May 23 10:21:12 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12155.D
Acq On : 23 May 2002 1:39 am
Sample : nyc
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 10:21 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12155.D Vial: 8
Acq On : 23 May 2002 1:39 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

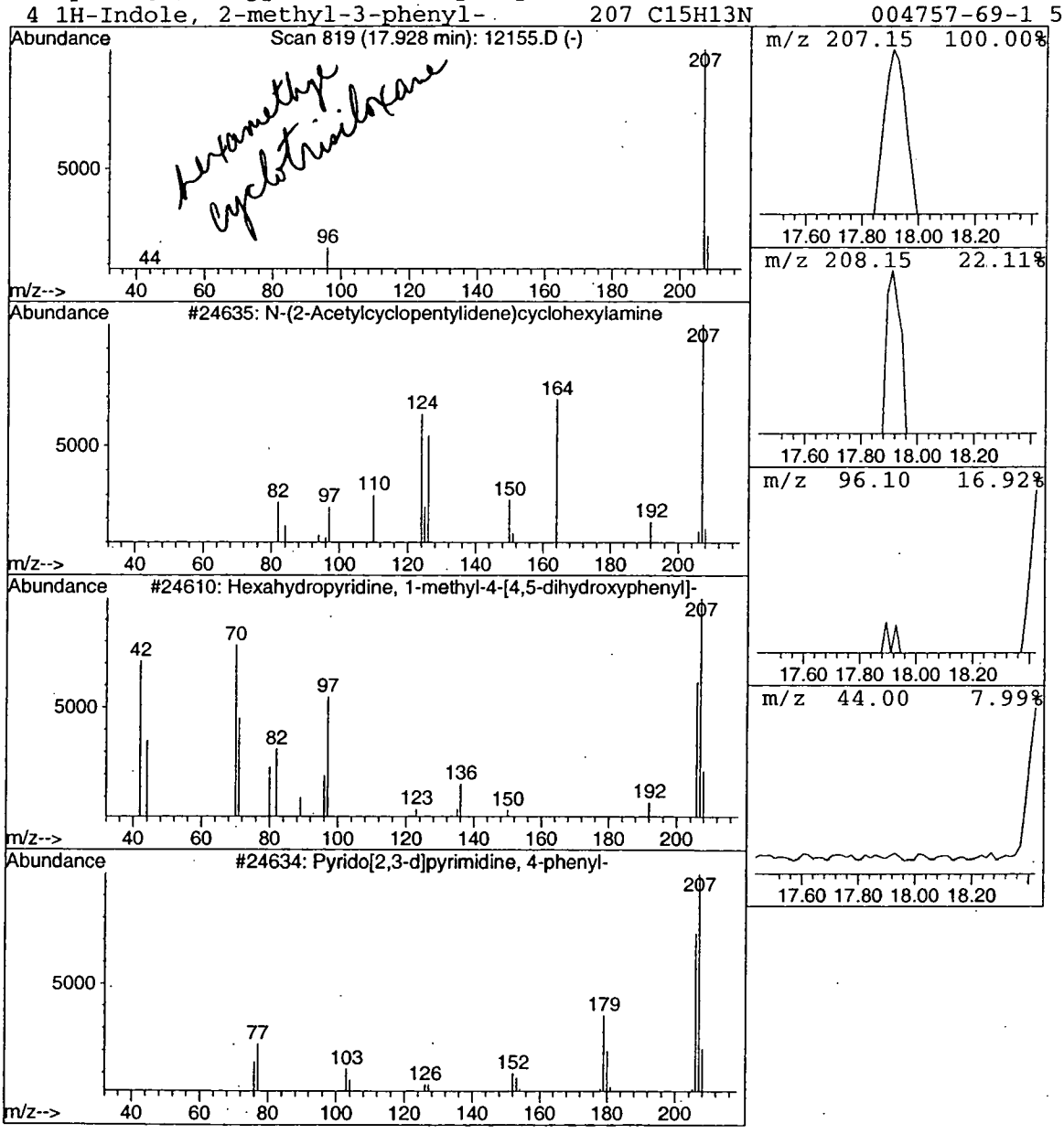
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-(2-Acetylcyclopentylidene)cy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	0.05 ug/L	28143	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
2	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12155.D Vial: 8
Acq On : 23 May 2002 1:39 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

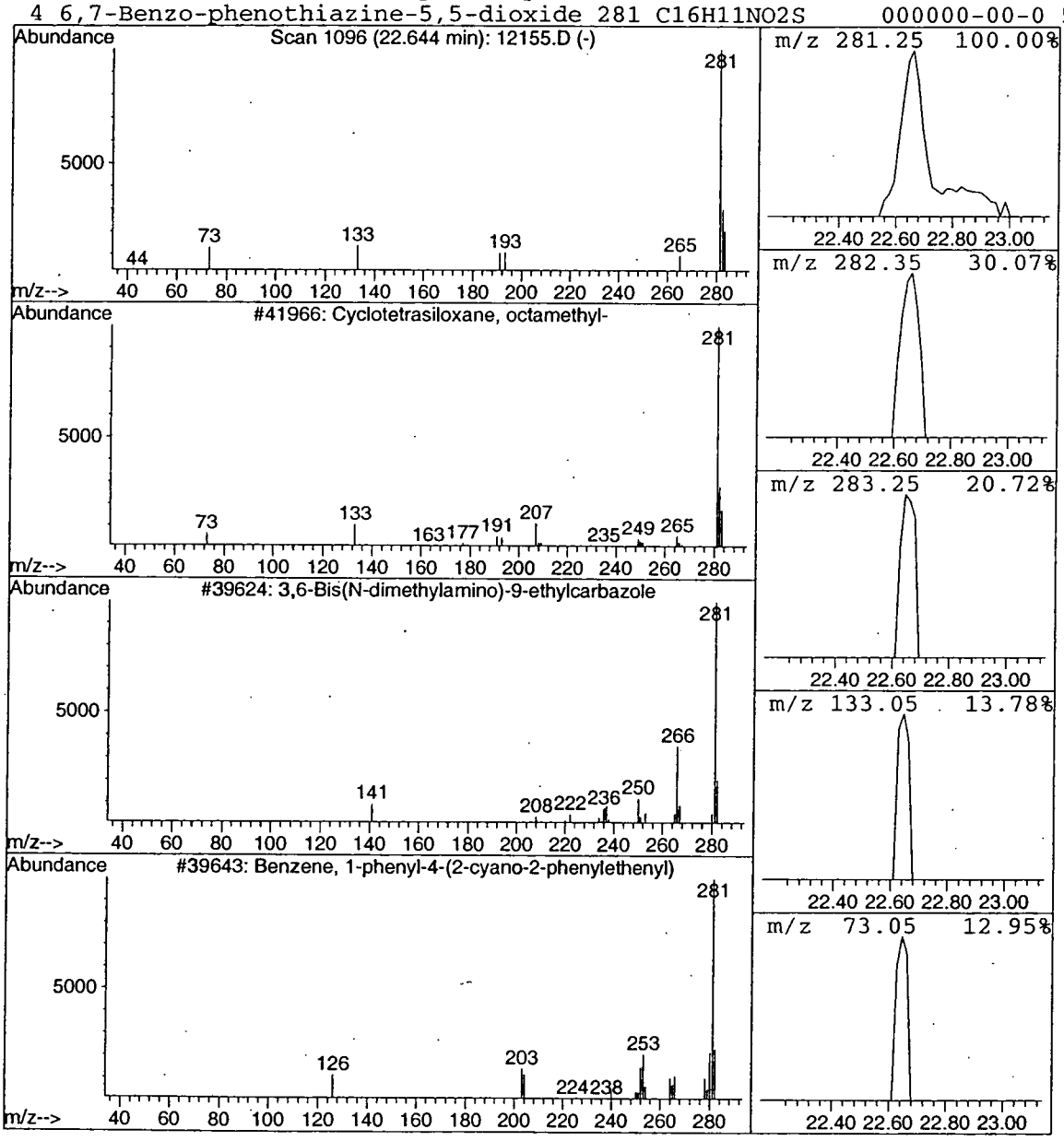
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.10 ug/L	67560	CHLOROBENZENE-D5	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12155.D Vial: 8
Acq On : 23 May 2002 1:39 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

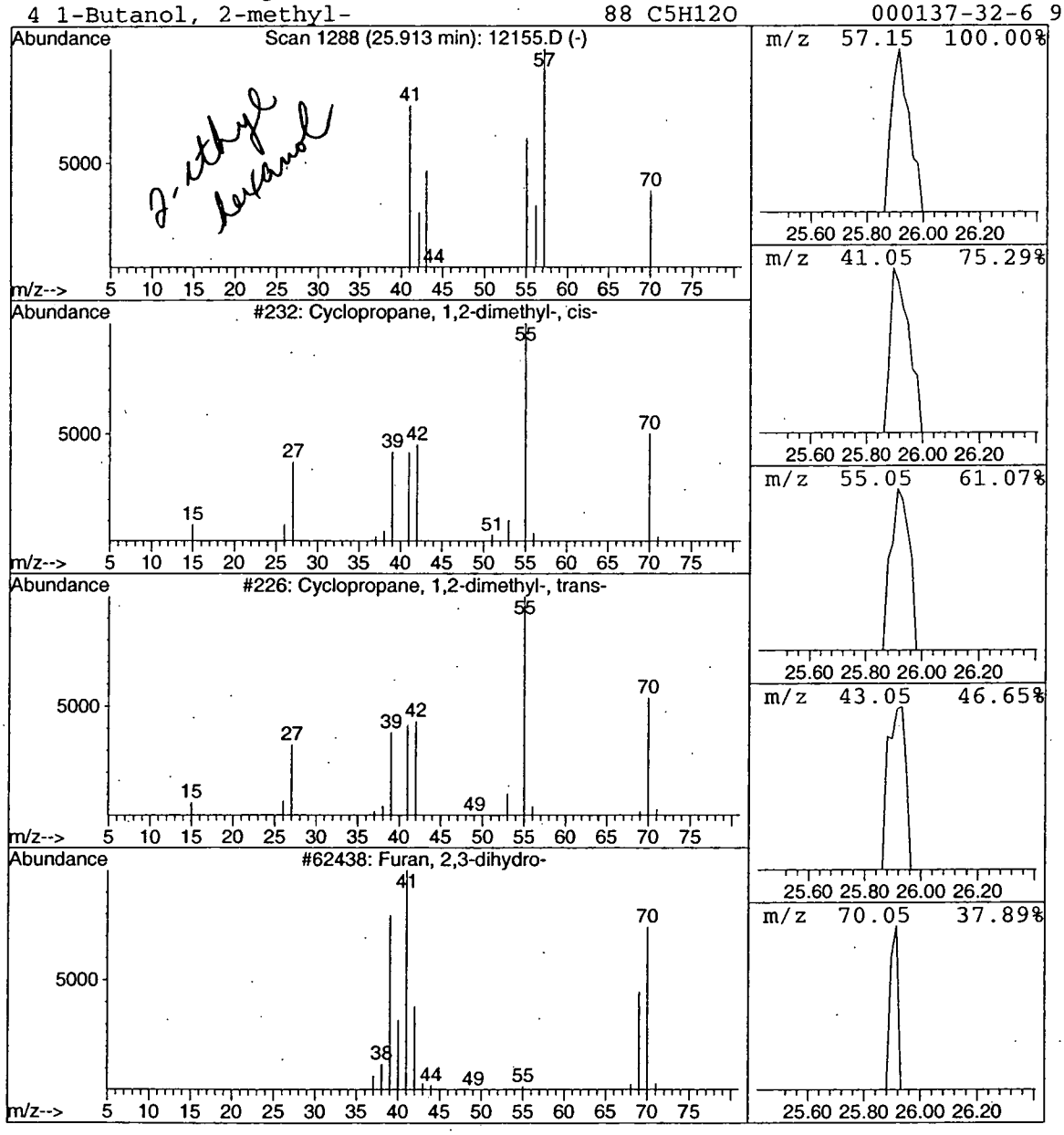
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopropane, 1,2-dimethyl-, c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	0.06 ug/L	39171	1,4-DICHLOROBENZENE-D4	26.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	9
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	9
3	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9
4	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 12:16:12

Sample: AE12155
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/23/02 00:05 Ended: 5/23/02 00:05 Analyst: BH
Result source: a:\12155.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7	.5
2	Surr - 4-BROMOFLUOROBENZ		5.1	.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	*THM-Chloroform		< MRL	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL	.5
20	Surr - TOLUENE-D8		4.9	.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	*THM-Bromodichloromethane		< MRL	.5
29	Methyl 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	*THM-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	*THM-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: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/29/2002 Time: 17:14:15

Sample: AE12155
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/23/2002 00:05 Ended: 5/23/2002 00:05 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	.5
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		0.64 0.71	.5
58	N-butylbenzene		< MRL	.5
59	1,2-dichlorobenzene		< MRL	.5
60	1,2,4-trichlorobenzene		< MRL	.5
61	Hexachlorobutadiene		< MRL	.5
62	Naphthalene		< MRL	.5
63	1,2,3-trichlorobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 12:17:09

Sample: AE12155
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/23/02 00:01 Ended: 5/23/02 00:01 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.30
2	Surr - 4-BROMOFLUOROBENZ		0.20
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	1,1-DICHLOROETHENE		< MRL
10	METHYLENE CHLORIDE		< MRL
11	METHYL TERT-BUTYL ETHER		< MRL
12	TRANS-1,2-DICHLOROETHEN		< MRL
13	1,1-DICHLOROETHANE		< MRL
14	2-BUTANONE (MEK)		< MRL
15	2,2-DICHLOROPROPANE		< MRL
16	CIS-1,2-DICHLOROETHENE		< MRL
17	*THM-CHLOROFORM		< MRL
18	BROMOCHLOROMETHANE		< MRL
19	1,2-DICHLOROETHANE		< MRL
20	Surr - TOLUENE-D8		0.0
21	1,1,1- TRICHLOROETHANE		< MRL
22	1,1-DICHLOROPROPENE		< MRL
23	CARBON TETRACHLORIDE		< MRL
24	BENZENE		< MRL
25	TRICHLOROETHENE		< MRL
26	1,2-DICHLOROPROPANE		< MRL
27	DIBROMOMETHANE		< MRL
28	*THM-BROMODICHLOROMET		< MRL
29	METHYL ISO-BUTYL KETONE		< MRL
30	CIS-1,3-DICHLOROPROPENE		< MRL
31	TOLUENE		< MRL
32	TRANS-1,3-DICHLOROPROPE		< MRL
33	1,1,2-TRICHLOROETHANE		< MRL
34	TETRACHLOROETHENE		< MRL
35	1,3-DICHLOROPROPANE		< MRL
36	*THM-DIBROMOCHLOROMET		< MRL
37	1,2-DIBROMOETHANE		< MRL
38	CHLOROBENZENE		< MRL
39	1,1,1,2-TETRACHLOROETHA		< MRL
40	2-HEXANONE		< MRL
41	ETHYLBENZENE		< MRL
42	P & M-XYLENE		< MRL
43	O-XYLENE		< MRL
44	STYRENE		< MRL
45	1,1,2,2-TETRACHLOROETHA		< MRL
46	*THM-BROMOFORM		< MRL
47	ISOPROPYLBENZENE		< MRL
48	1,2,3-TRICHLOROPROPANE		< MRL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 12:17:09

Sample: AE12155
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/23/02 00:01 Ended: 5/23/02 00:01 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol.	Result
49	N-PROPYLBENZENE		< MRL
50	BROMOBENZENE		< MRL
51	1,3,5-TRIMETHYLBENZENE		< MRL
52	2-CHLOROTOLUENE		< MRL
53	4-CHLOROTOLUENE		< MRL
54	TERT-BUTYLBENZENE		< MRL
55	1,2,4-TRIMETHYLBENZENE		< MRL
56	SEC-BUTYLBENZENE		< MRL
57	P-ISOPROPYLTOLUENE		< MRL
58	1,3-DICHLOROBENZENE		< MRL
59	1,4-DICHLOROBENZENE		0.07
60	N-BUTYLBENZENE		< MRL
61	1,2-DICHLOROBENZENE		< MRL
62	1,2-DIBROMO-3-CHLOROPRO		< MRL
63	1,2,4-TRICHLOROBENZENE		< MRL
64	HEXACHLOROBUTADIENE		< MRL
65	NAPHTHALENE		< MRL
66	1,2,3-TRICHLOROBENZENE		< MRL

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may23\12155.D Vial: 3
Acq On : 23 May 2002 5:41 pm Operator: 201-wb
Sample : nys Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 18:19 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 10:09:12 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1343964	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.76	117	1232964	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.93	152	570439	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	613684	4.68	ug/L	0.05
Spiked Amount 5.000			Recovery =	93.60%		
3) 4-BROMOFLUOROBENZENE	24.33	174	479313	5.06	ug/L	0.03
Spiked Amount 5.000			Recovery =	101.20%		
25) TOLUENE-D8	18.44	98	1652245	4.91	ug/L	0.03
Spiked Amount 5.000			Recovery =	98.20%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	17082	1.44	ug/L	99
65) 1,3-DICHLOROBENZENE	27.00	146	56096	~~0.65 ug/L~~		96
66) 1,4-DICHLOROBENZENE .64	27.00	146	56096	0.64	ug/L	94

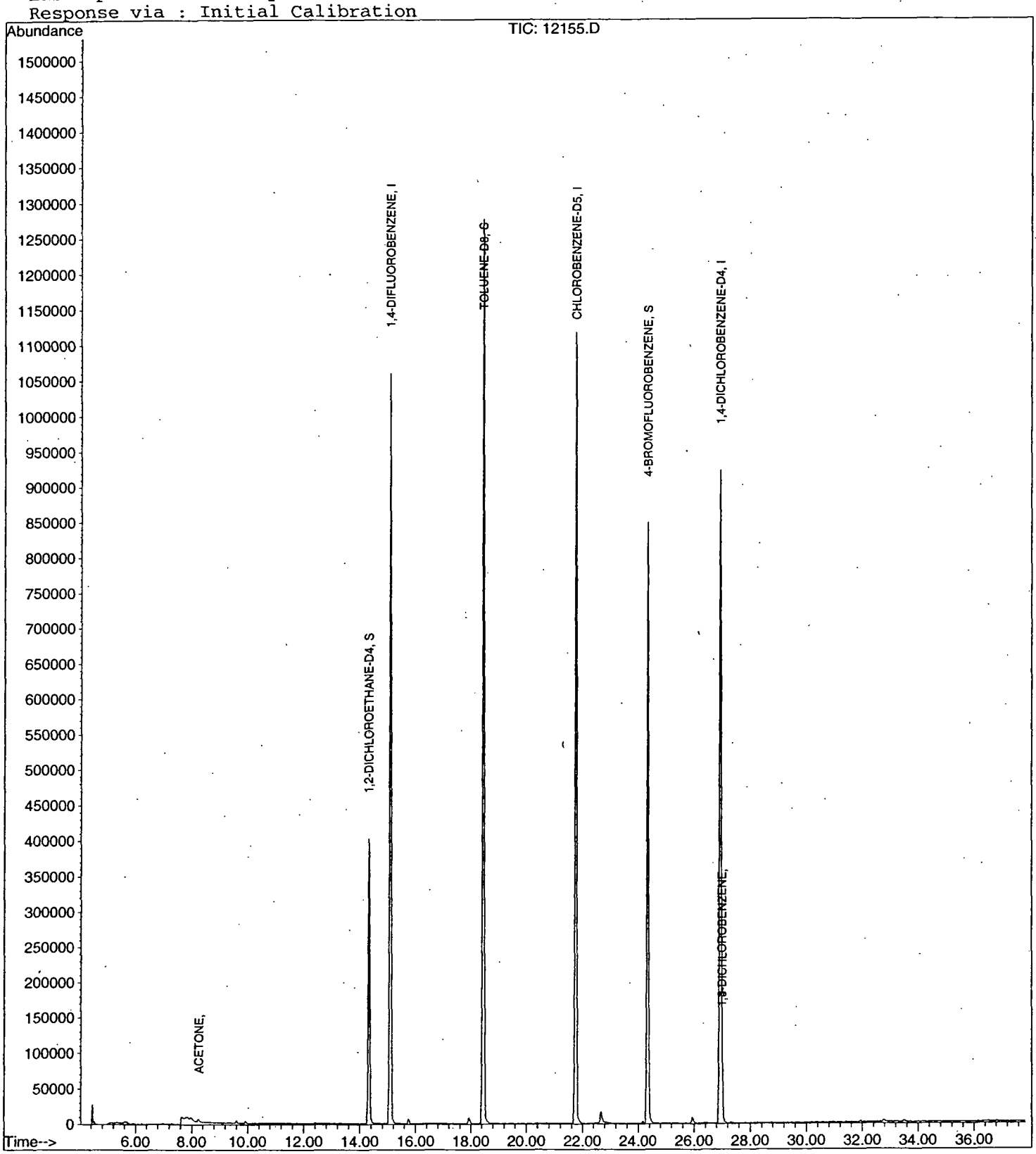
(#) = qualifier out of range (m) = manual integration
12155.D HP051702.M Thu May 23 18:19:43 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may23\12155.D
Acq On : 23 May 2002 5:41 pm
Sample : nys
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 18:19 2002

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may23\12155.D Vial: 3
Acq On : 23 May 2002 5:41 pm Operator: 201-wb
Sample : nys Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

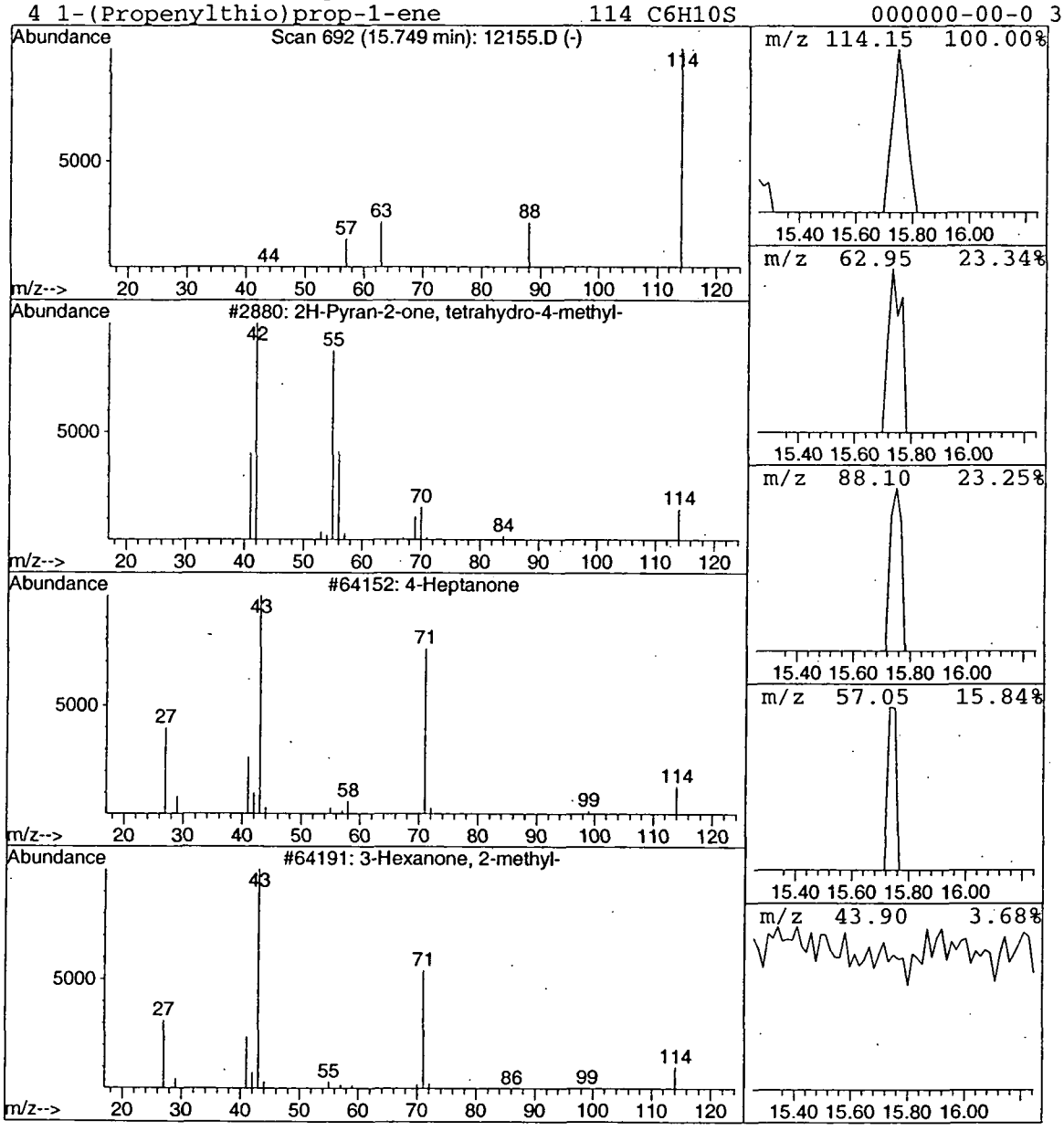
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	23202	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may23\12155.D Vial: 3
Acq On : 23 May 2002 5:41 pm Operator: 201-wb
Sample : nys Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

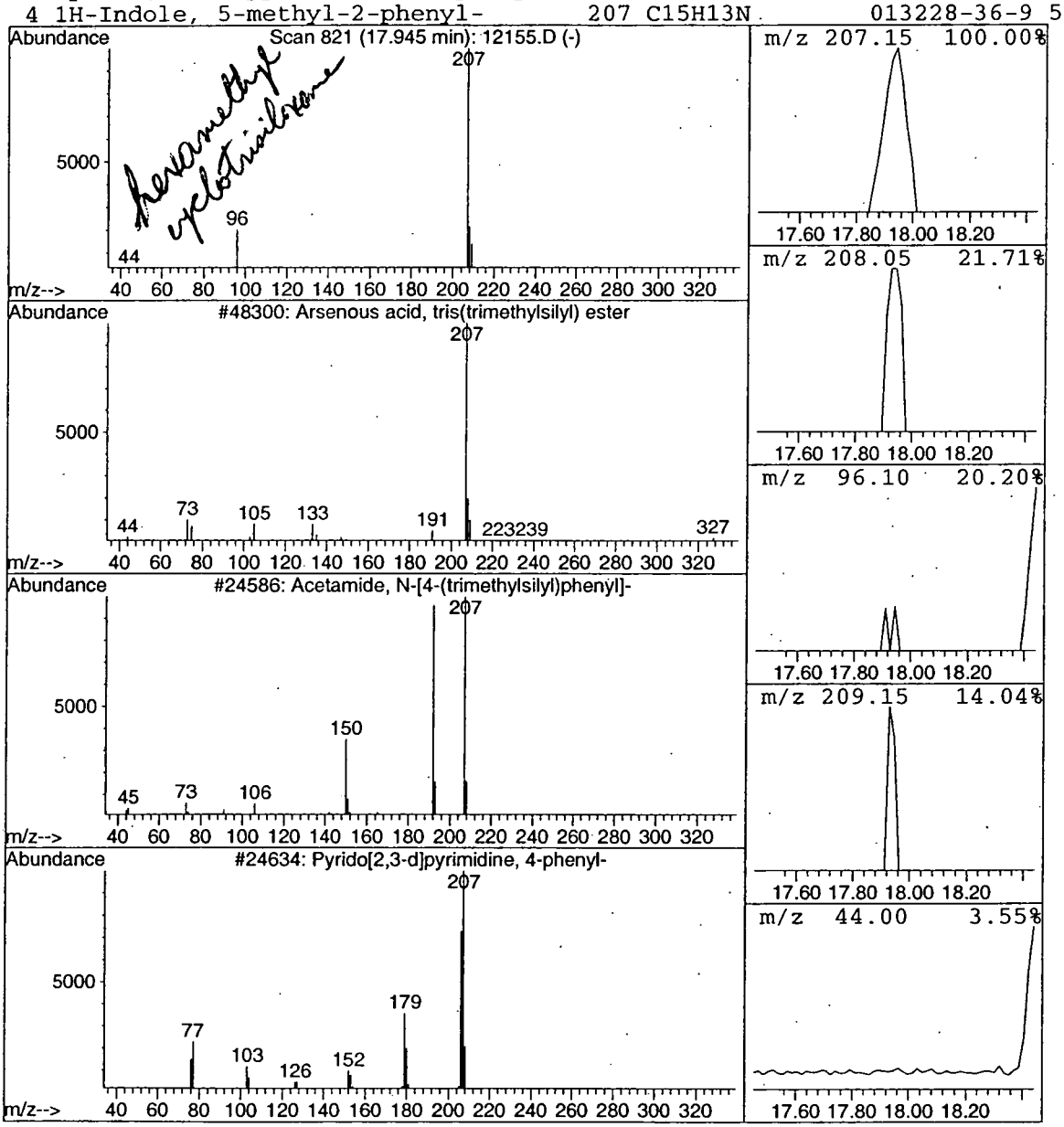
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Arsenous acid, tris(trimethyls Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	0.05 ug/L	38360	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsenous acid, tris(trimethylsilyl)	342	C9H27AsO3Si3	055429-29-3	9
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may23\12155.D Vial: 3
Acq On : 23 May 2002 5:41 pm Operator: 201-wb
Sample : nys Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

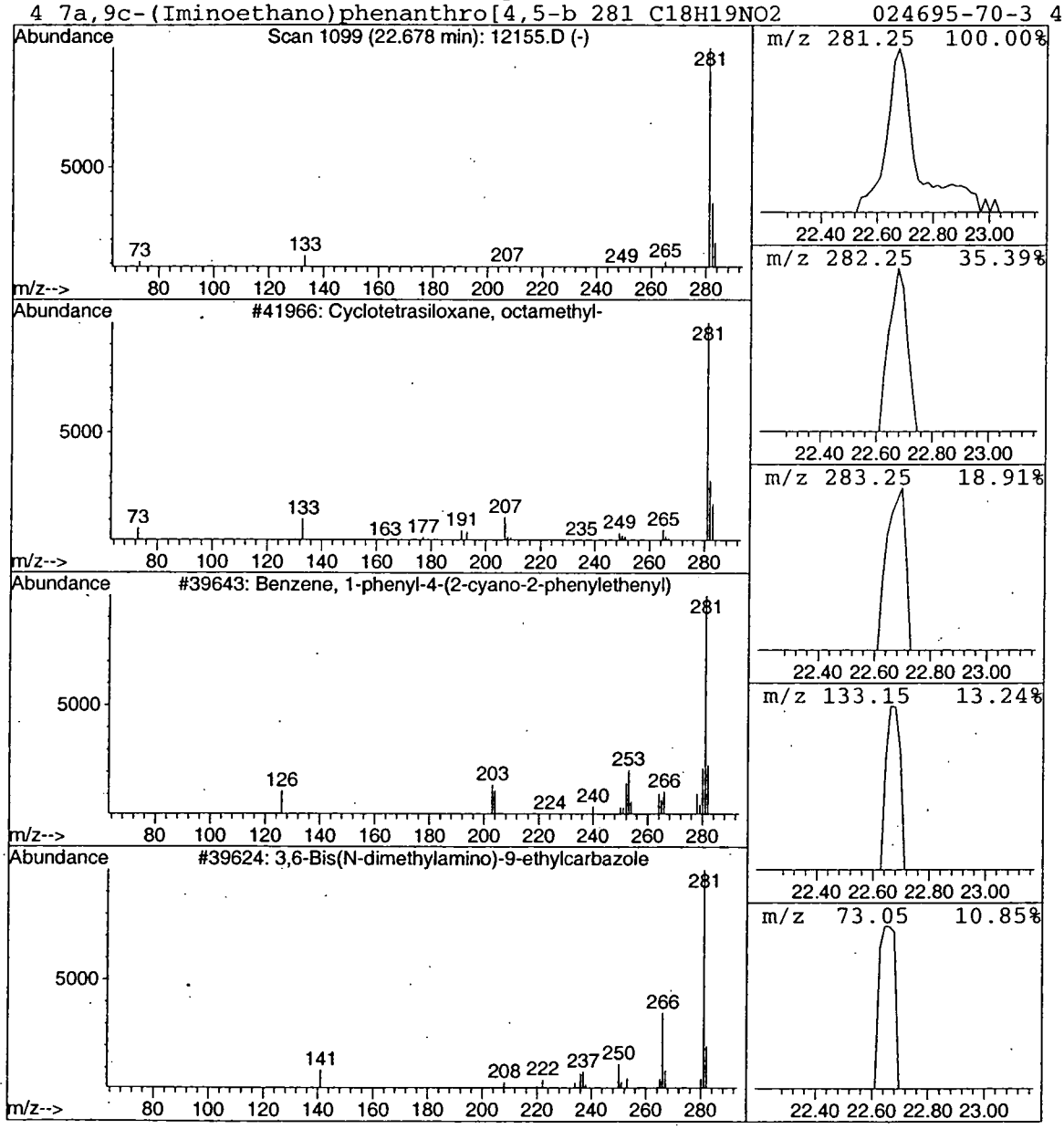
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	0.08 ug/L	70032	CHLOROBENZENE-D5	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	4
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	4
4	7a,9c-(Iminoethano)phenanthro[4,5-b	281	C18H19NO2	024695-70-3	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may23\12155.D Vial: 3
Acq On : 23 May 2002 5:41 pm Operator: 201-wb
Sample : nys Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

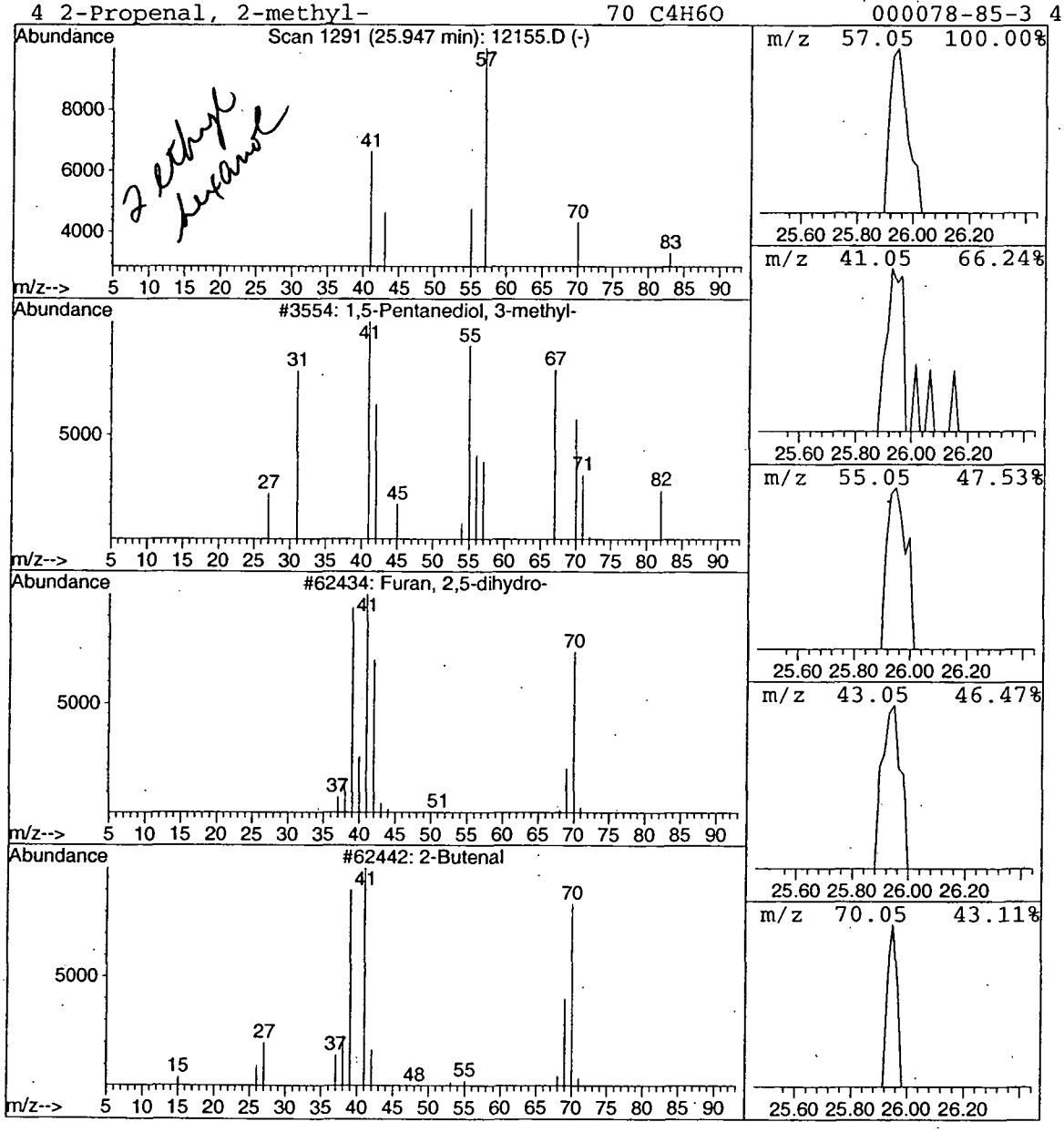
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,5-Pentanediol, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.95	0.04 ug/L	34755	1,4-DICHLOROBENZENE-D4	26.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	9
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	4
3	2-Butenal	70	C4H6O	004170-30-3	4
4	2-Propenal, 2-methyl-	70	C4H6O	000078-85-3	4



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:49:10

Sample: AE12156
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/23/2002 00:02 Ended: 5/23/2002 00:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.8	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		0.26-below MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		4.8	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

REVIEWED BY
DATE 5/30/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:49:10

Sample: AE12156
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/23/2002 00:02 Ended: 5/23/2002 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	0.5
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\02MAY22\12156.D Vial: 9
Acq On : 23 May 2002 2:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:24 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1023647	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.73	117	947092	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	418990	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	505906	5.06	ug/L	0.03
Spiked Amount 5.000			Recovery	= 101.20%		
3) 4-BROMOFLUOROBENZENE	24.31	174	346656	4.80	ug/L	0.02
Spiked Amount 5.000			Recovery	= 96.00%		
25) TOLUENE-D8	18.42	98	1253197	4.84	ug/L	0.02
Spiked Amount 5.000			Recovery	= 96.80%		
Target Compounds						Qvalue
12) ACETONE	8.23	43	23877	2.63	ug/L	99
21) CHLOROFORM	12.79	83	22500	~~0.26~~	~~ug/L~~	96
33) BROMODICHLOROMETHANE	16.75	83	4947	~~0.08~~	~~ug/L~~	99

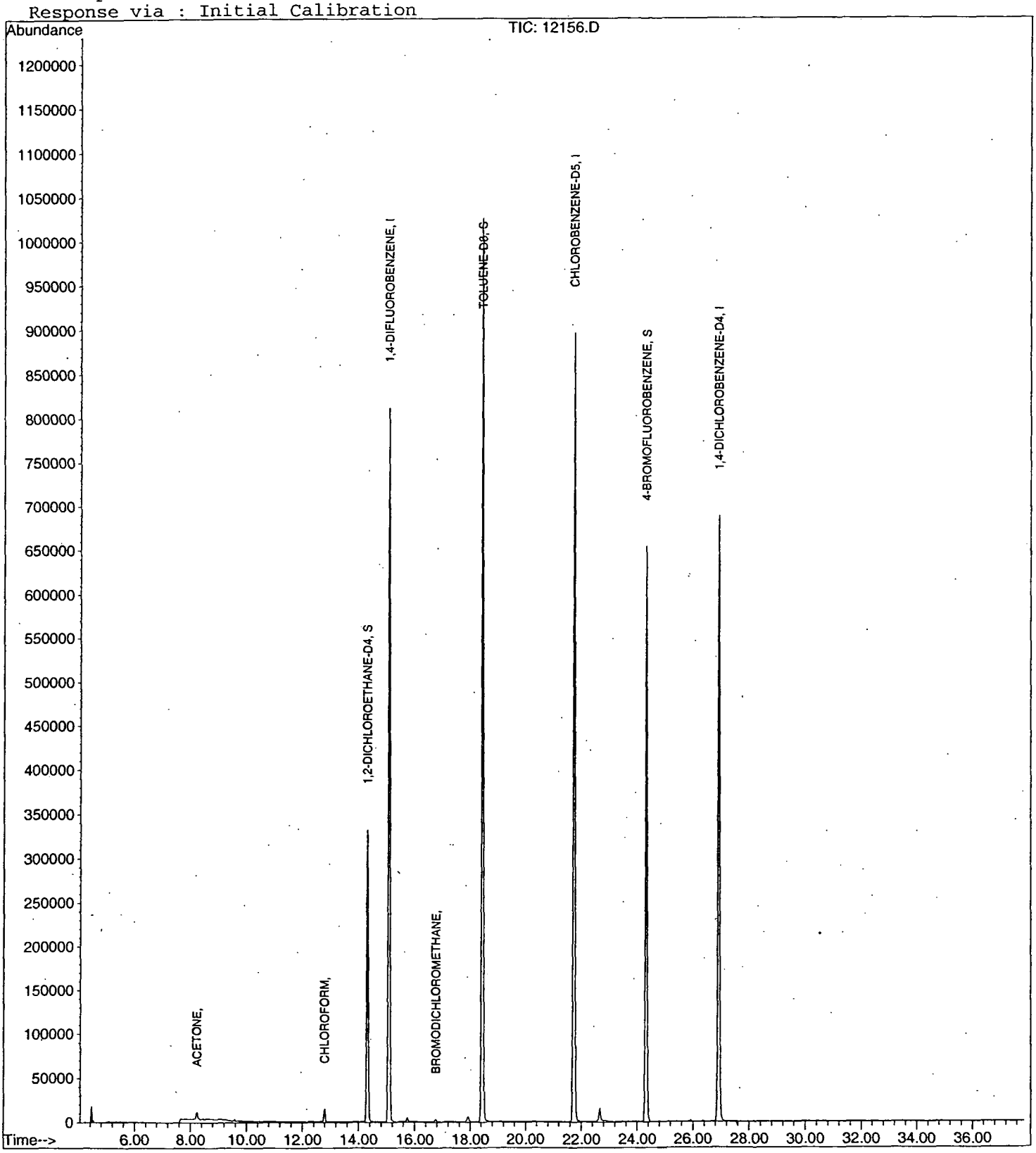
(#) = qualifier out of range (m) = manual integration
12156.D HP051702.M Thu May 23 10:24:23 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12156.D
Acq On : 23 May 2002 2:23 am
Sample : nyc
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 10:24 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12156.D Vial: 9
Acq On : 23 May 2002 2:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

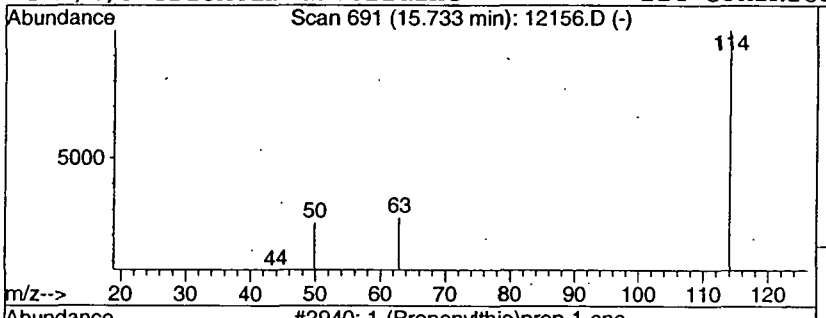
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

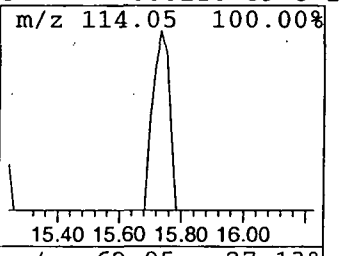
****

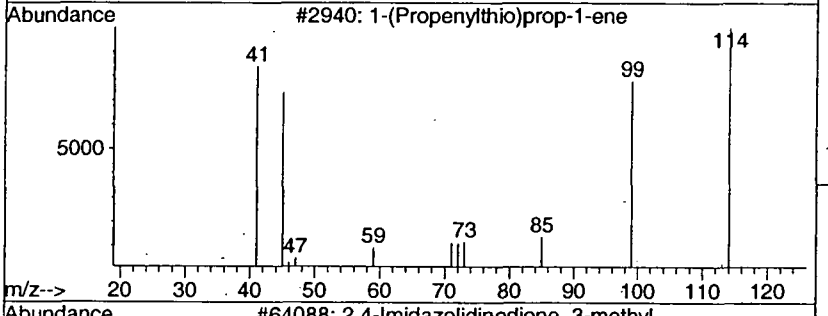
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 3

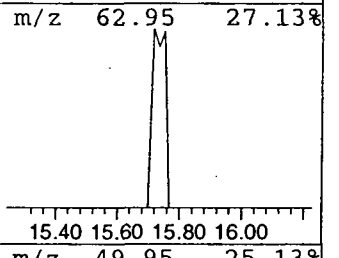
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	14539	1,4-DIFLUOROBENZENE	15.07

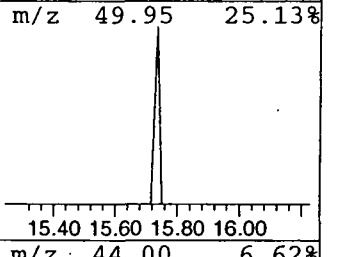
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

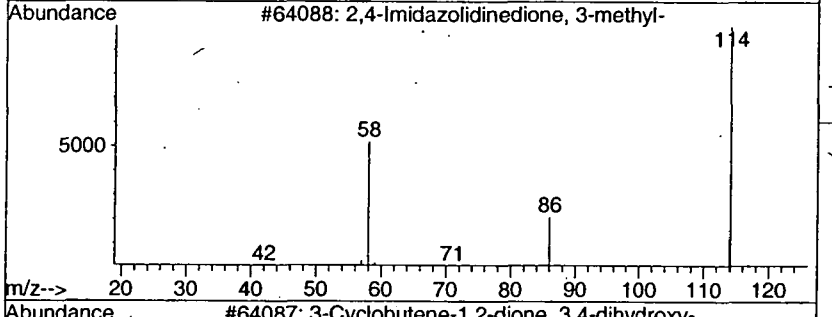


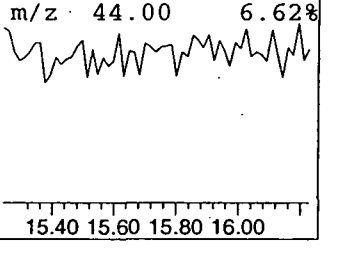


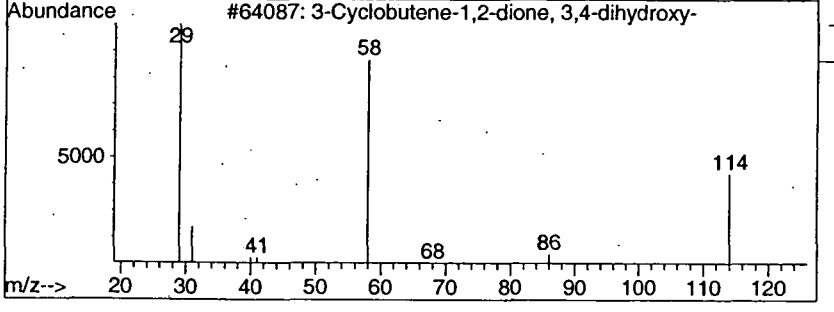












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12156.D Vial: 9
Acq On : 23 May 2002 2:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

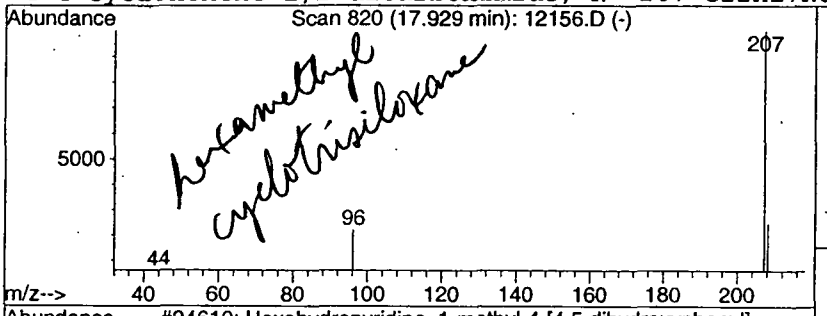
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

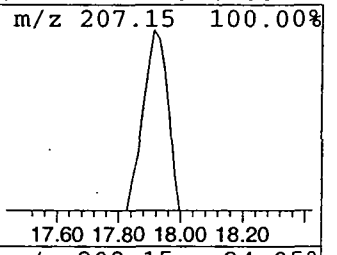
****

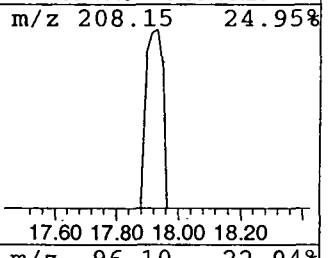
Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 2

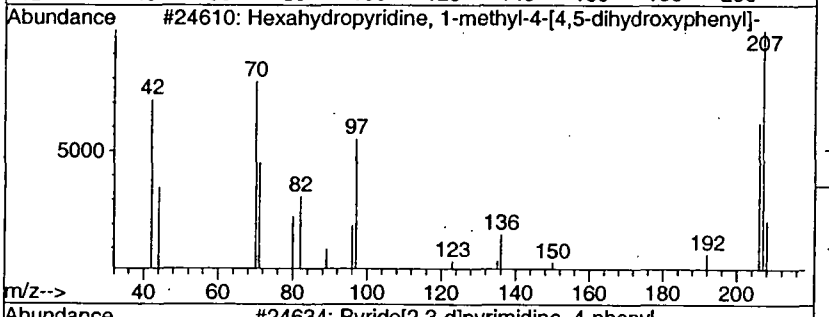
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	0.05 ug/L	27963	1,4-DIFLUOROBENZENE	15.07

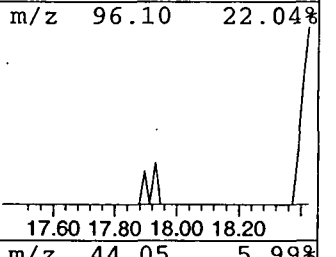
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	5
4	4-Cyclohexene-1,2-dicarboximide, N-	207	C12H17NO2	028916-00-9	5

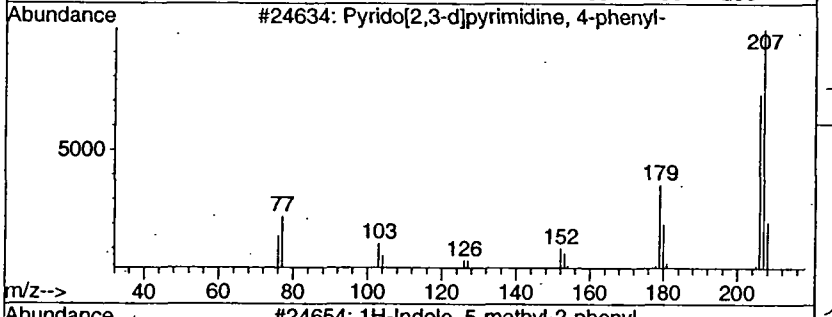


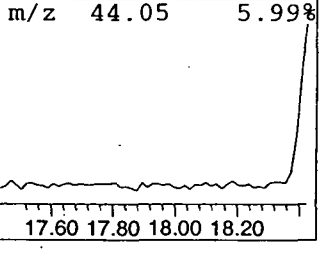


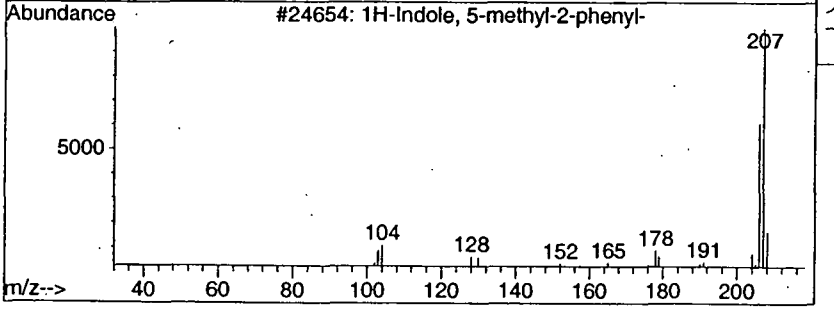












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12156.D Vial: 9
Acq On : 23 May 2002 2:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

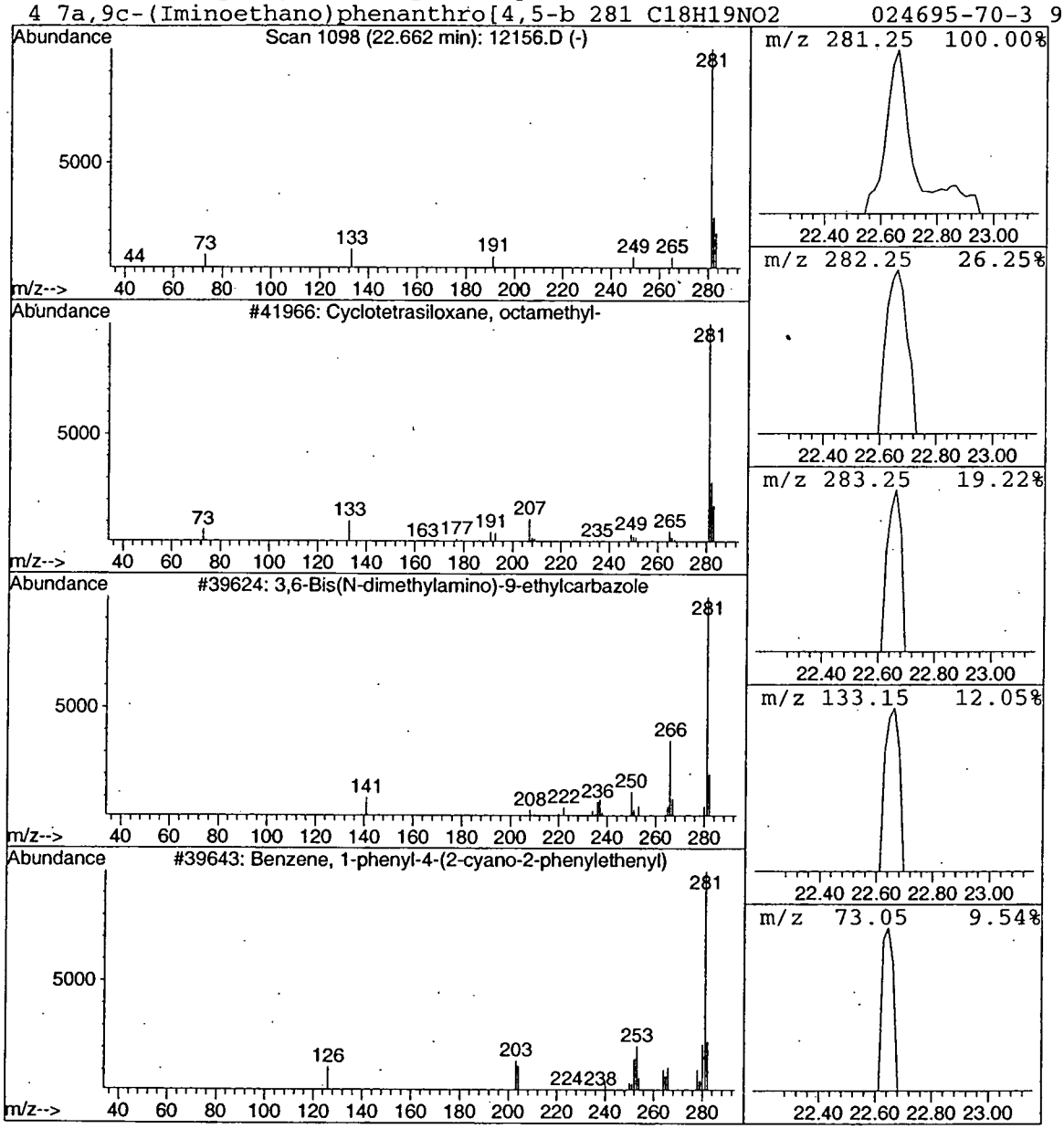
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	0.10 ug/L	68176	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	7a,9c-(Iminoethano)phenanthro[4,5-b	281	C18H19NO2	024695-70-3	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:16:42

Sample: AE12157
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/23/02 00:03 Ended: 5/23/02 00:03 Analyst: BH
Result source: a:\12157.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8	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		4.9	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 AV
DATE 5/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:16:42

Sample: AE12157
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/23/02 00:03 Ended: 5/23/02 00:03 Analyst: BH
Result source: a:\12157.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\02MAY22\12157.D Vial: 10
Acq On : 23 May 2002 3:06 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:25 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1040108	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.72	117	942873	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	385516	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	510933	5.03	ug/L	0.03
Spiked Amount 5.000			Recovery =	100.60%		
3) 4-BROMOFLUOROBENZENE	24.31	174	354402	4.83	ug/L	0.02
Spiked Amount 5.000			Recovery =	96.60%		
25) TOLUENE-D8	18.42	98	1259675	4.89	ug/L	0.02
Spiked Amount 5.000			Recovery =	97.80%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	12746	1.38	ug/L	93

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

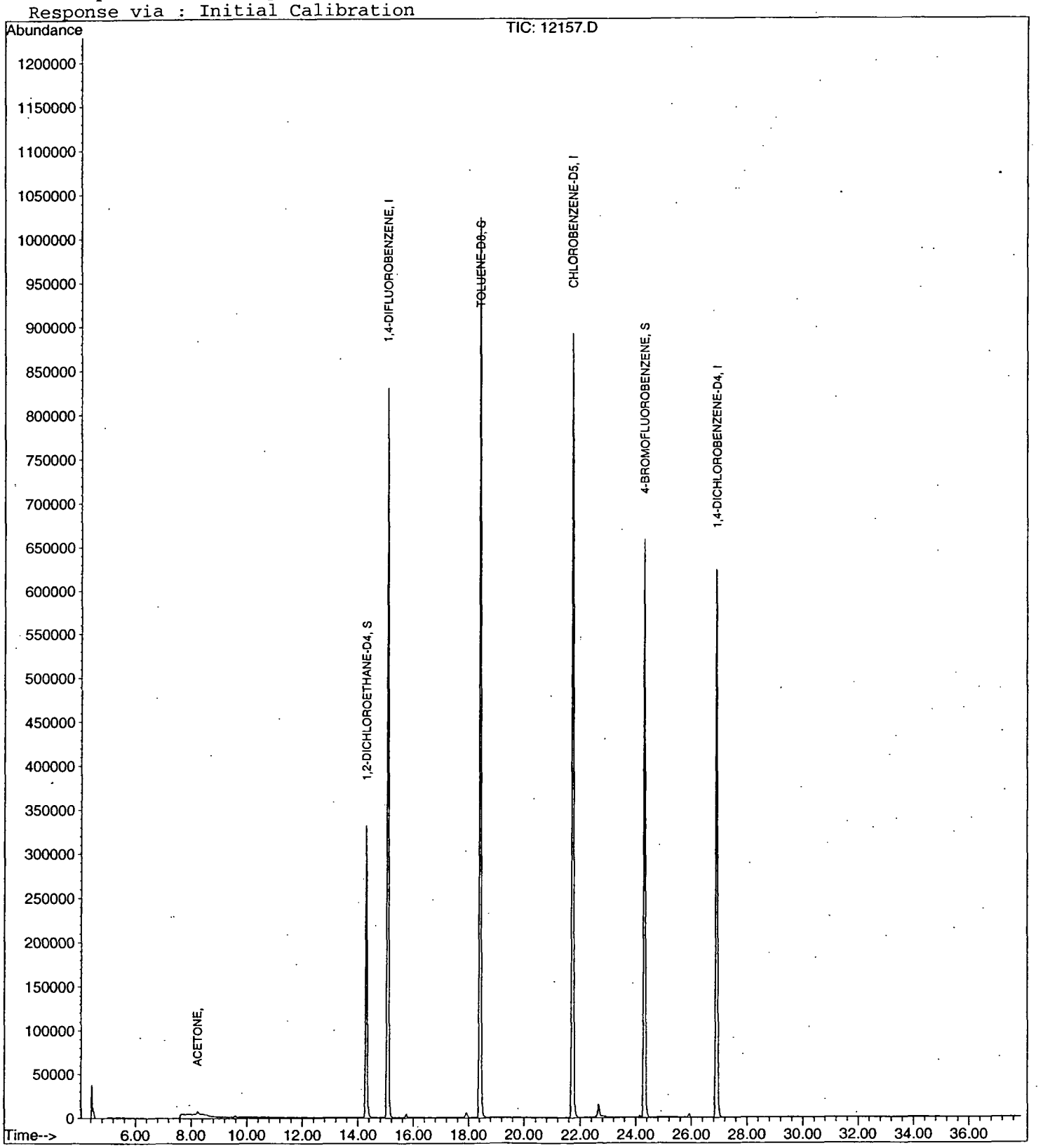
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12157.D
Acq On : 23 May 2002 3:06 am
Sample : nyc
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 10:25 2002

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

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12157.D Vial: 10
Acq On : 23 May 2002 3:06 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

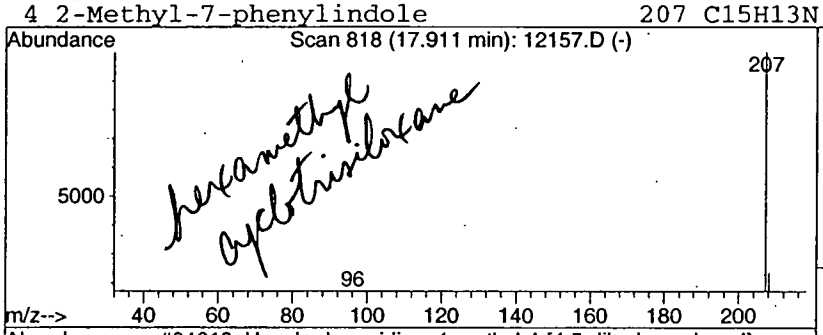
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

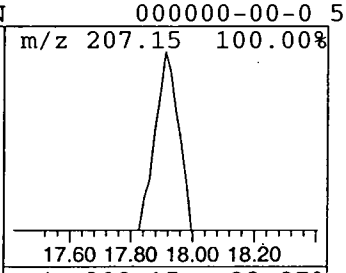
****

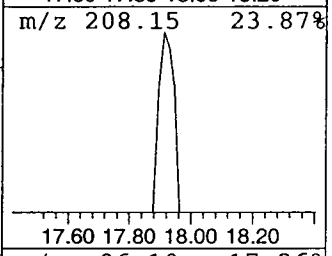
Peak Number 1 Hexahydropyridine, 1-methyl-4- . Concentration Rank 2

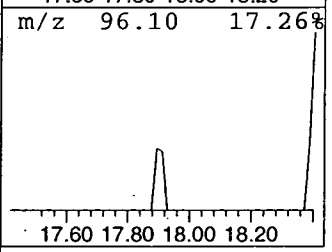
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.05 ug/L	29813	1,4-DIFLUOROBENZENE	15.07

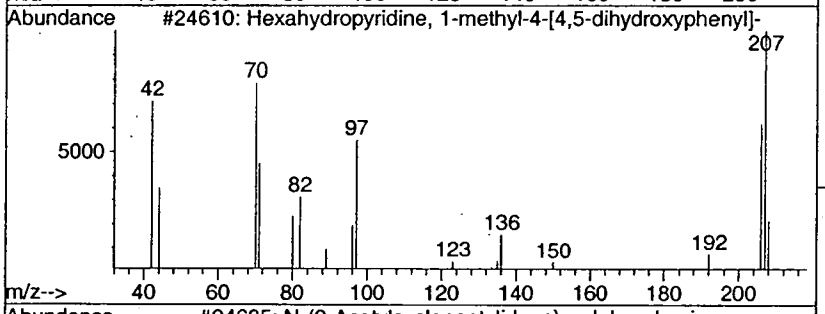
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	5

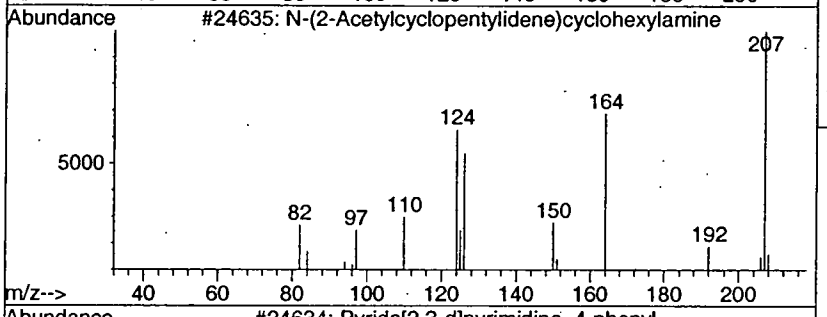


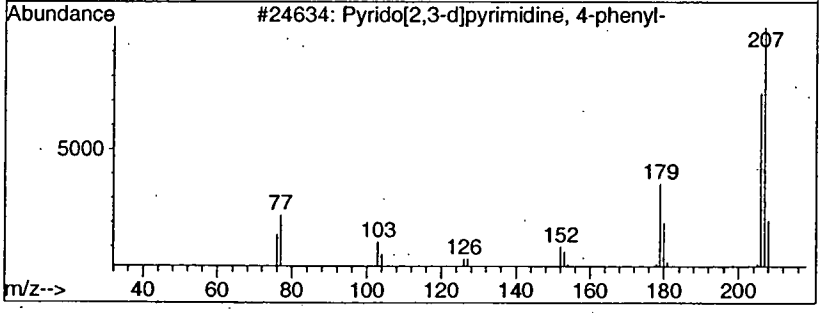












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12157.D Vial: 10
Acq On : 23 May 2002 3:06 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

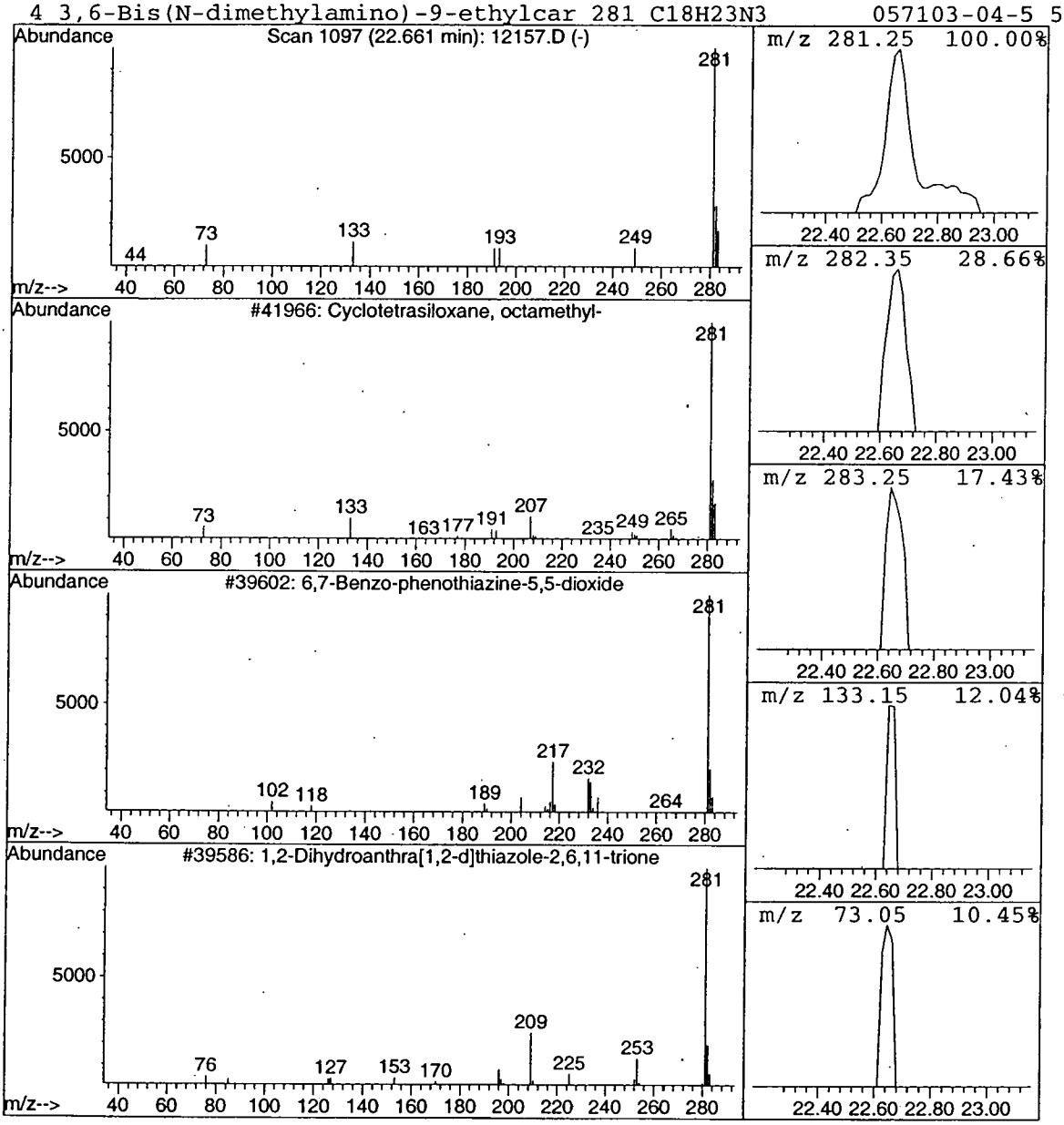
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	0.10 ug/L	70785	CHLOROBENZENE-D5	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5
4	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:17:36

Sample: AE11901
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/23/02 00:03 Ended: 5/23/02 00:03 Analyst: BH
Result source: a:\11901f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0	.5
2	Surr_4-BROMOFLUOROBENZE		4.8	.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		4.9	.5
21	1,1,1- trichloroethane		< MRL	.5
22	1,1-dichloropropene		< MRL	.5
23	Carbon tetrachloride		< MRL	.5
24	Benzene		< MRL	.5
25	Trichloroethene		< MRL	.5
26	1,2-dichloropropane		< MRL	.5
27	Dibromomethane		< MRL	.5
28	Bromodichloromethane		< MRL	.5
29	Methy iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	.5
31	Toluene		< MRL	.5
32	trans-1,3-dichloropropene		< MRL	.5
33	1,1,2-trichloroethane		< MRL	.5
34	Tetrachloroethene		< MRL	.5
35	1,3-dichloropropane		< MRL	.5
36	Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	.5
38	1,1,1,2-tetrachloroethane		< MRL	.5
39	Ethylbenzene		< MRL	.5
40	P & M-xylene		< MRL	.5
41	O-xylene		< MRL	.5
42	Styrene		< MRL	.5
43	1,1,2,2-tetrachloroethane		< MRL	.5
44	Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5
48	Bromobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:17:36

Sample: AE11901
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/23/02 00:03 Ended: 5/23/02 00:03 Analyst: BH
Result source: a:\11901f.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\02MAY22\11901F.D Vial: 11
Acq On : 23 May 2002 3:49 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:14 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

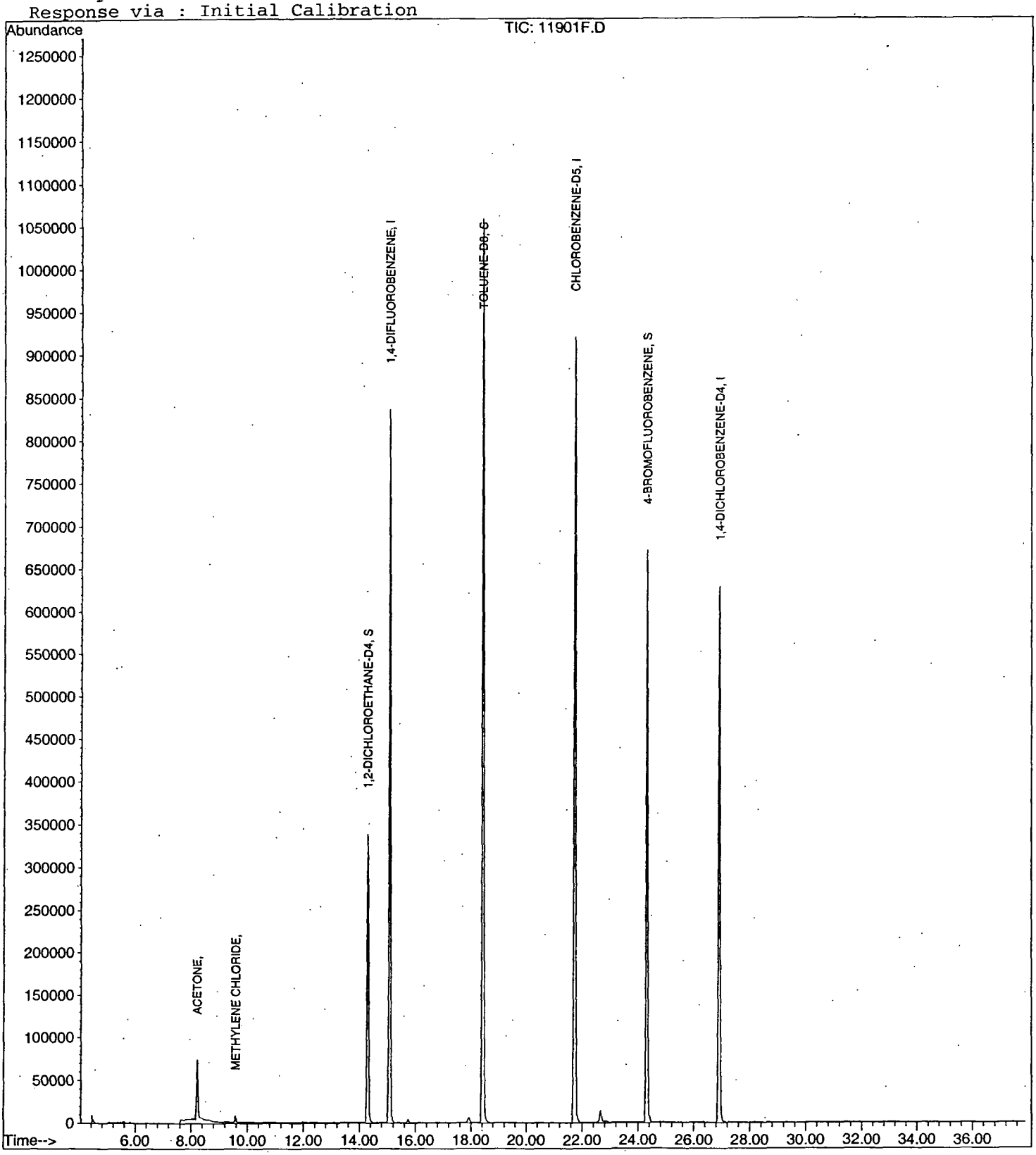
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1052912	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.72	117	969528	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	394502	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	517984	5.04	ug/L	0.03
Spiked Amount 5.000			Recovery = 100.80%			
3) 4-BROMOFLUOROBENZENE	24.31	174	354153	4.77	ug/L	0.02
Spiked Amount 5.000			Recovery = 95.40%			
25) TOLUENE-D8	18.42	98	1309096	4.94	ug/L	0.02
Spiked Amount 5.000			Recovery = 98.80%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	207446	22.25	ug/L	99
14) METHYLENE CHLORIDE	9.59	49	9281	0.13	ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11901F.D Vial: 11
Acq On : 23 May 2002 3:49 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 23 9:14 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11901F.D Vial: 11
Acq On : 23 May 2002 3:49 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

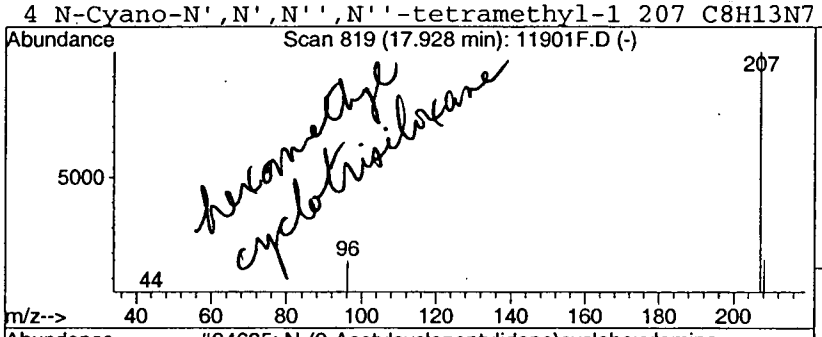
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

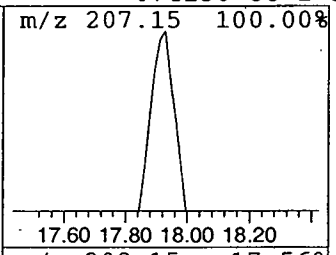
****

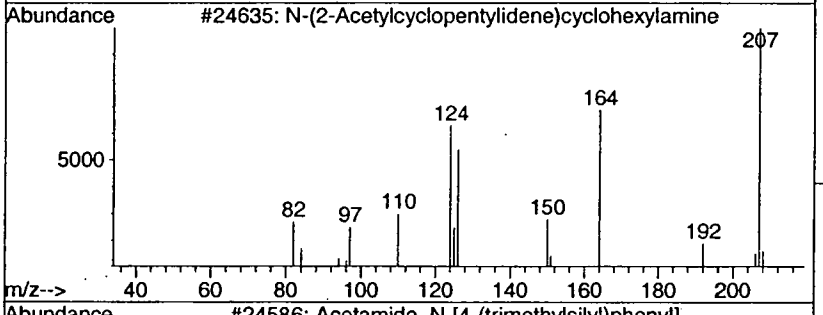
Peak Number 1 N-(2-Acetylcyclopentylidene)cy Concentration Rank 2

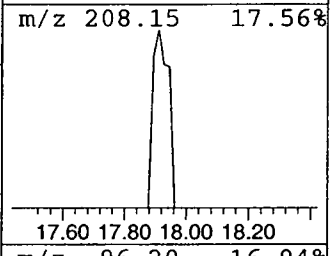
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	0.05 ug/L	27752	1,4-DIFLUOROBENZENE	15.07

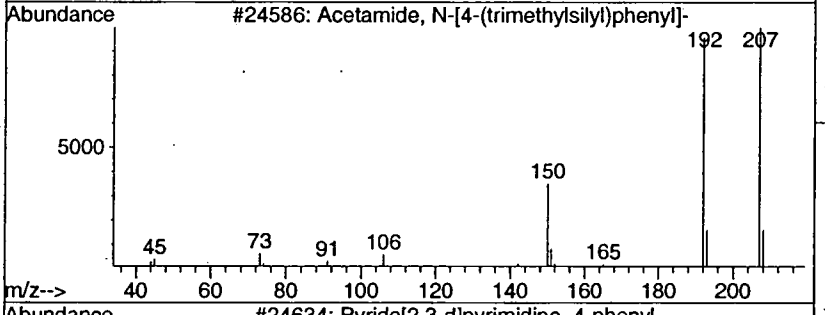
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	N-Cyano-N',N',N'',N''-tetramethyl-1	207	C8H13N7	074150-88-2	5

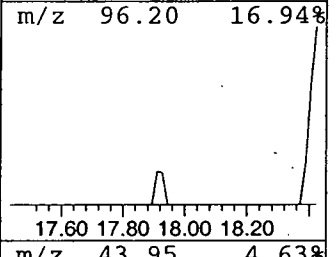


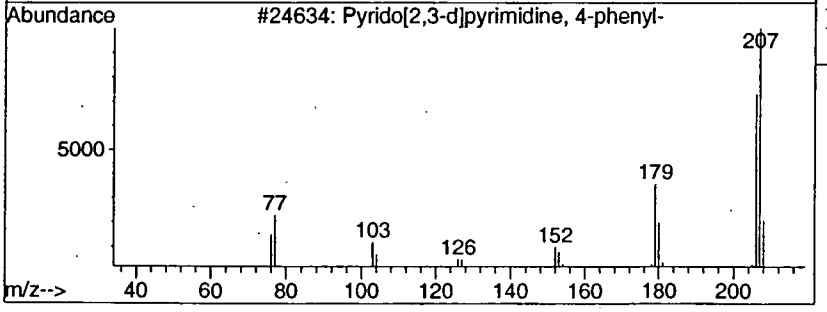


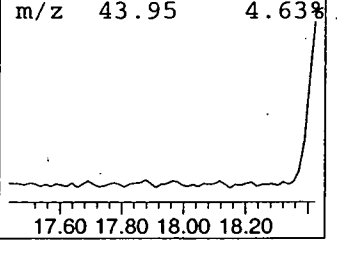












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\11901F.D Vial: 11
Acq On : 23 May 2002 3:49 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

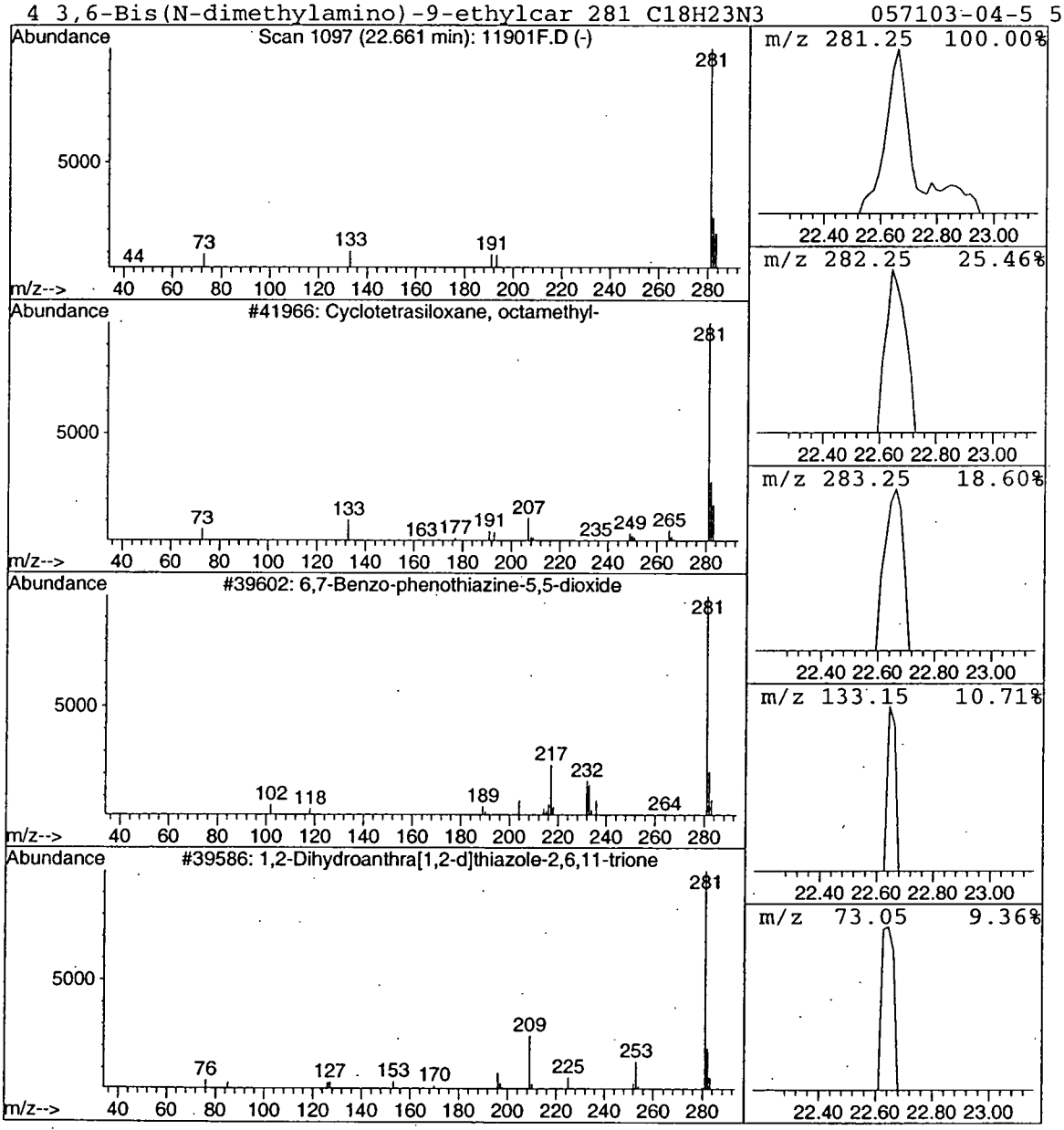
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22:66	0.10 ug/L	68712	CHLOROBENZENE-D5	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
3	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5
4	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:17:59

Sample: AE12151
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/23/02 00:04 Ended: 5/23/02 00:04 Analyst: BH
Result source: a:\12151f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.4	.5
2	Surr_4-BROMOFLUOROBENZE		4.3	.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		5.5	.5
21	1,1,1- trichloroethane		< MRL	.5
22	1,1-dichloropropene		< MRL	.5
23	Carbon tetrachloride		< MRL	.5
24	Benzene		< MRL	.5
25	Trichloroethene		< MRL	.5
26	1,2-dichloropropane		< MRL	.5
27	Dibromomethane		< MRL	.5
28	Bromodichloromethane		< MRL	.5
29	Methy iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	.5
31	Toluene		< MRL	.5
32	trans-1,3-dichloropropene		< MRL	.5
33	1,1,2-trichloroethane		< MRL	.5
34	Tetrachloroethene		< MRL	.5
35	1,3-dichloropropane		< MRL	.5
36	Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	.5
38	1,1,1,2-tetrachloroethane		< MRL	.5
39	Ethylbenzene		< MRL	.5
40	P & M-xylene		< MRL	.5
41	O-xylene		< MRL	.5
42	Styrene		< MRL	.5
43	1,1,2,2-tetrachloroethane		< MRL	.5
44	Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5
48	Bromobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:17:59

Sample: AE12151
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/23/02 00:04 Ended: 5/23/02 00:04 Analyst: BH
Result source: a:\12151f.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\02MAY22\12151F.D Vial: 12
Acq On : 23 May 2002 4:33 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:16 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	948082	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.73	117	758235	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	334977	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	497695	5.38	ug/L	0.03
Spiked Amount 5.000			Recovery = 107.60%			
3) 4-BROMOFLUOROBENZENE	24.31	174	290061	4.34	ug/L	0.02
Spiked Amount 5.000			Recovery = 86.80%			
25) TOLUENE-D8	18.42	98	1138165	5.50	ug/L	0.02
Spiked Amount 5.000			Recovery = 110.00%			
Target Compounds						Qvalue
12) ACETONE	8.23	43	45256	5.39	ug/L	96
14) METHYLENE CHLORIDE 43	9.59	49	27023	0.43	ug/L	92

1 lab cont

(#) = qualifier out of range (m) = manual integration
12151F.D HP051702.M Thu May 23 10:16:11 2002 Page 1

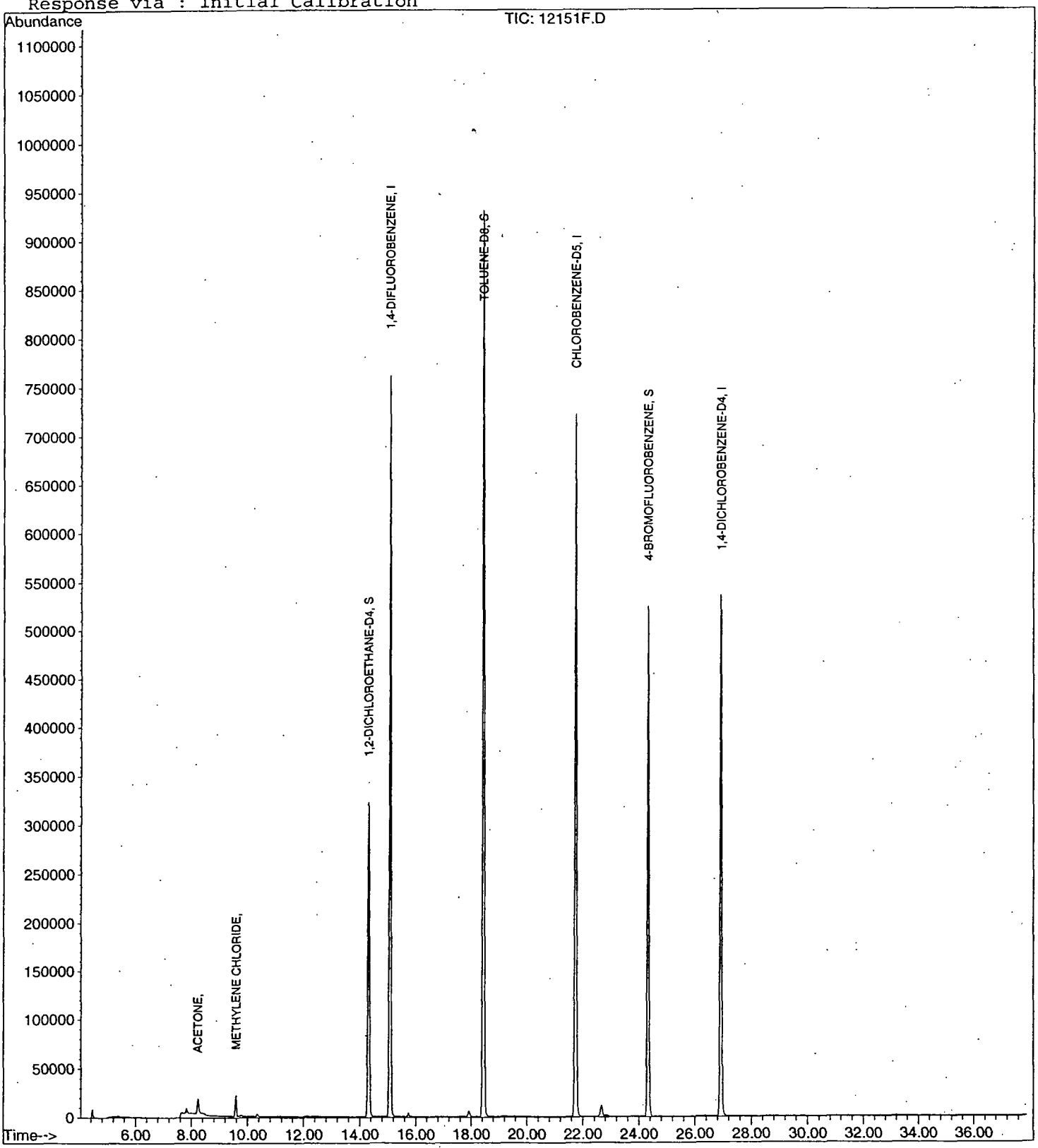
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151F.D
Acq On : 23 May 2002 4:33 am
Sample : nyc; fb
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 10:16 2002

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151F.D Vial: 12
Acq On : 23 May 2002 4:33 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

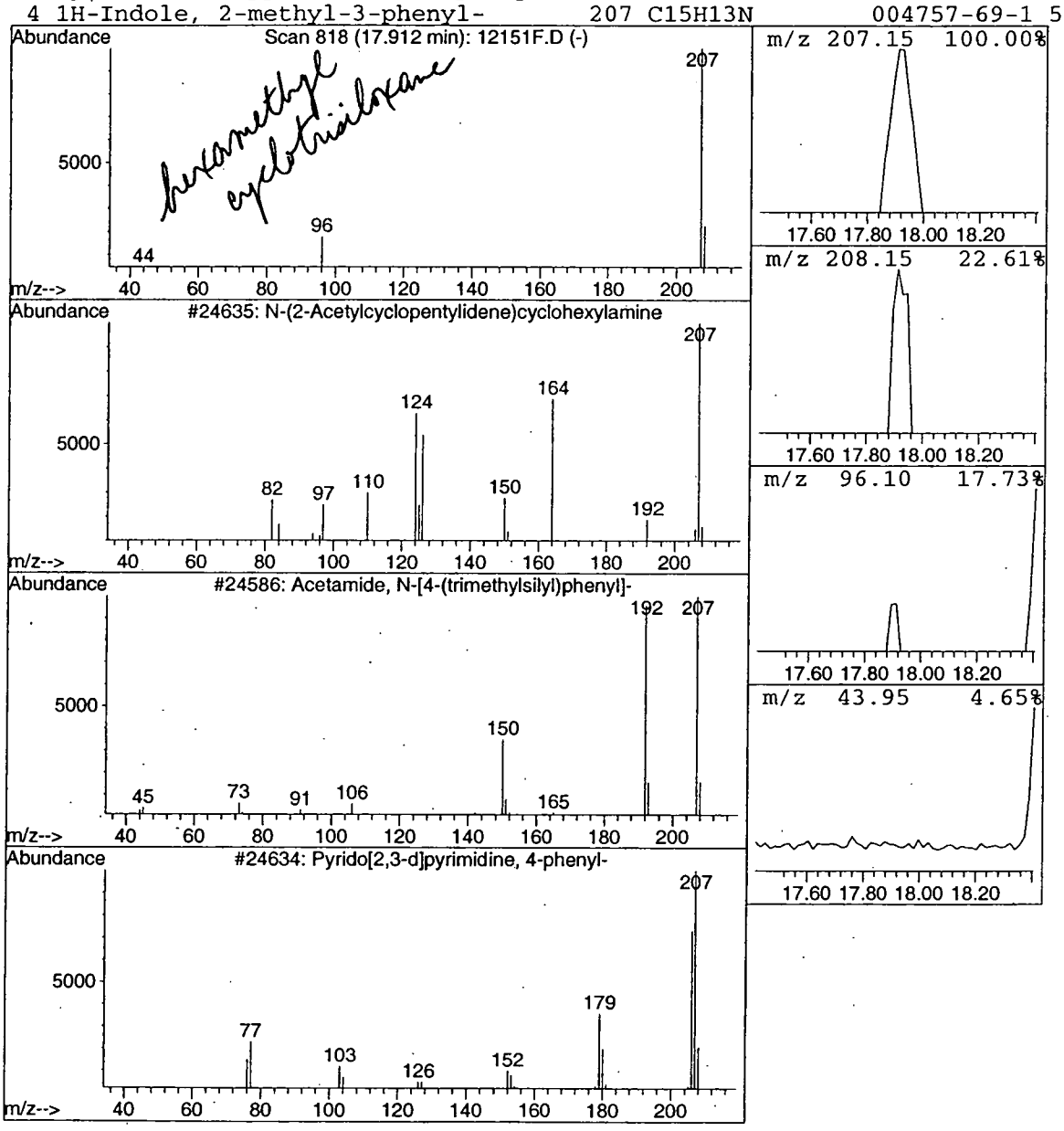
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-(2-Acetylcyclopentylidene)cy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.05 ug/L	27396	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12151F.D Vial: 12
Acq On : 23 May 2002 4:33 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

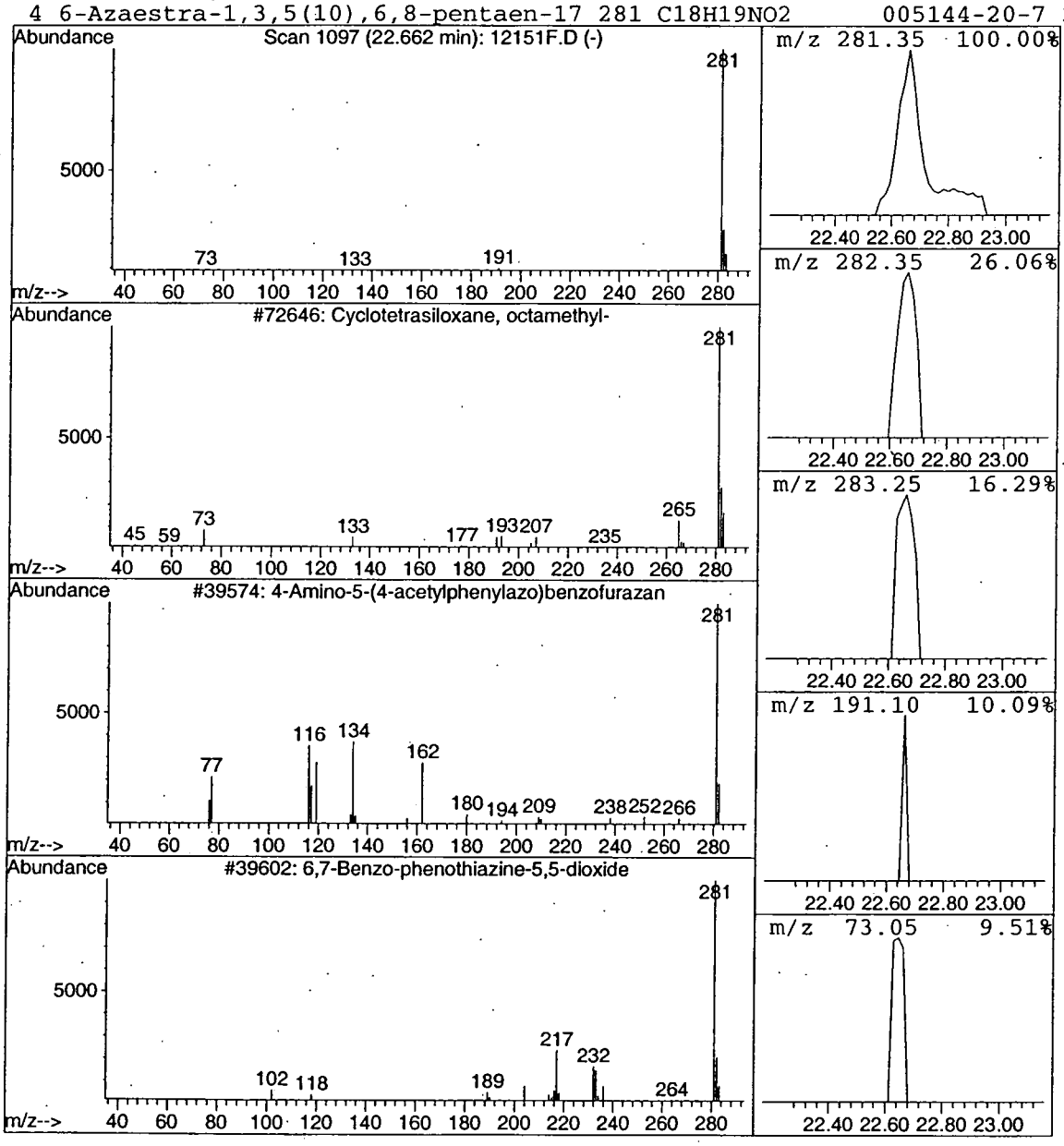
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	0.10 ug/L	57062	CHLOROBENZENE-D5	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	4-Amino-5-(4-acetylphenylazo)benzof	281	C14H11N5O2	000000-00-0	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
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: 05/24/2002 Time: 12:18:24

Sample: AE12155
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/23/02 00:05 Ended: 5/23/02 00:05 Analyst: BH
Result source: a:\12155f.rr
Page: 1

	Component_Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0	.5
2	Surr_4-BROMOFLUOROBENZE		4.5	.5
3	Dichlorodifluoromethane		< MRL	.5
4	Chloromethane		< MRL	.5
5	Vinyl chloride		< MRL	.5
6	Bromomethane		< MRL	.5
7	Chloroethane		< MRL	.5
8	Trichlorofluoromethane		< MRL	.5
9	1,1-Dichloroethene		< MRL	.5
10	Methylene Chloride		< MRL	.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	.5
13	1,1-dichloroethane		< MRL	.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	.5
16	cis-1,2-dichloroethene		< MRL	.5
17	Chloroform		< MRL	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL	.5
20	Surr_TOLUENE-D8		5.5	.5
21	1,1,1- trichloroethane		< MRL	.5
22	1,1-dichloropropene		< MRL	.5
23	Carbon tetrachloride		< MRL	.5
24	Benzene		< MRL	.5
25	Trichloroethene		< MRL	.5
26	1,2-dichloropropane		< MRL	.5
27	Dibromomethane		< MRL	.5
28	Bromodichloromethane		< MRL	.5
29	Methy iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	.5
31	Toluene		< MRL	.5
32	trans-1,3-dichloropropene		< MRL	.5
33	1,1,2-trichloroethane		< MRL	.5
34	Tetrachloroethene		< MRL	.5
35	1,3-dichloropropane		< MRL	.5
36	Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	.5
38	1,1,1,2-tetrachloroethane		< MRL	.5
39	Ethylbenzene		< MRL	.5
40	P & M-xylene		< MRL	.5
41	O-xylene		< MRL	.5
42	Styrene		< MRL	.5
43	1,1,2,2-tetrachloroethane		< MRL	.5
44	Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5
48	Bromobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:18:24

Sample: AE12155
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/23/02 00:05 Ended: 5/23/02 00:05 Analyst: BH
Result source: a:\12155f.rr

	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\02MAY22\12155F.D Vial: 13
Acq On : 23 May 2002 5:16 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:22 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1068991	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.72	117	881836	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	389934	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	522110	5.00	ug/L	0.03
Spiked Amount 5.000			Recovery =	100.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	340303	4.51	ug/L	0.02
Spiked Amount 5.000			Recovery =	90.20%		
25) TOLUENE-D8	18.42	98	1319163	5.48	ug/L	0.02
Spiked Amount 5.000			Recovery =	109.60%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	57093	6.03	ug/L	98
14) METHYLENE CHLORIDE .33	9.59	49	23076	0.33	ug/L	98

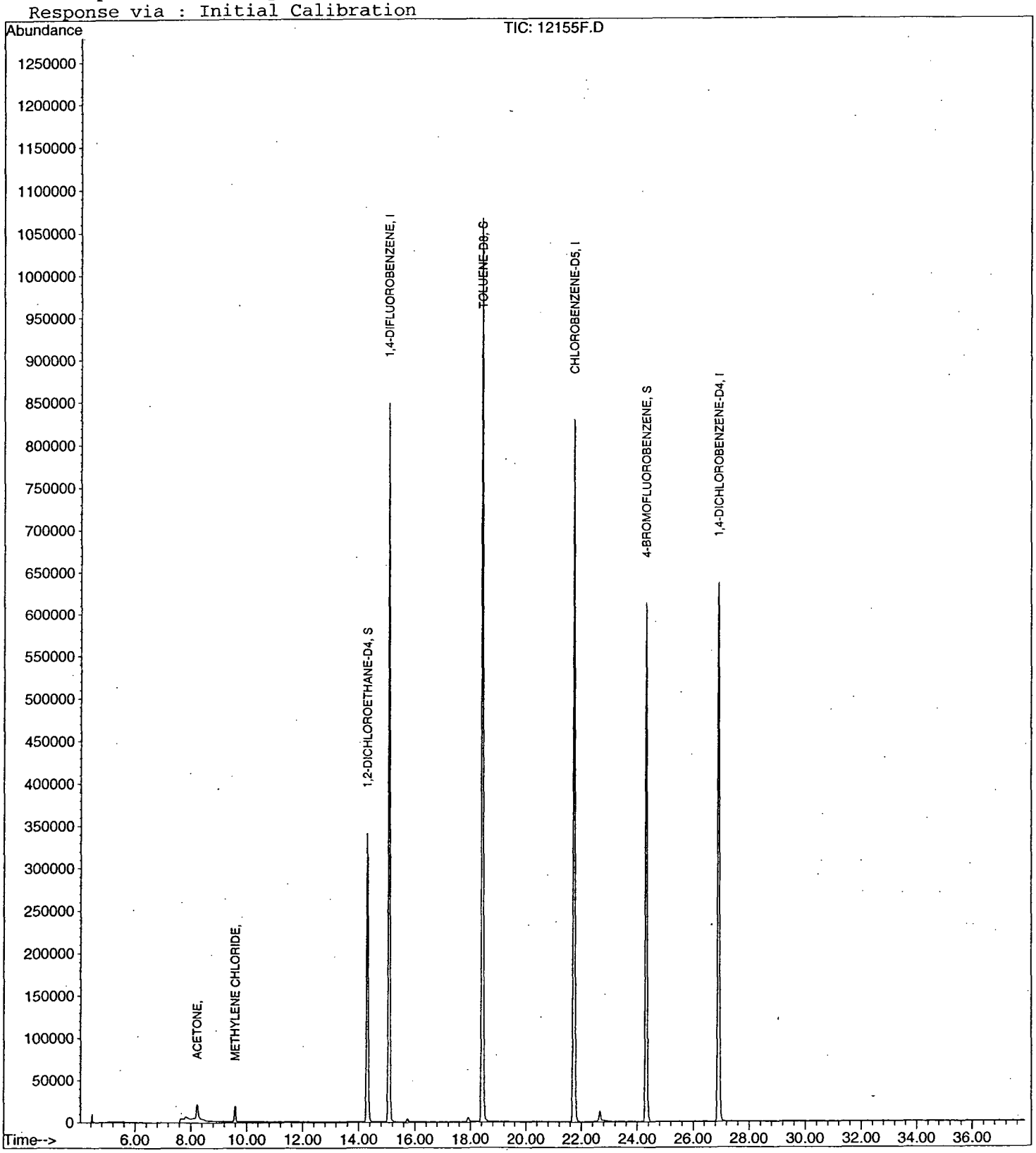
lab out

(#) = qualifier out of range (m) = manual integration
12155F.D HP051702.M Thu May 23 10:22:54 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12155F.D Vial: 13
Acq On : 23 May 2002 5:16 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 10:22 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12155F.D Vial: 13
Acq On : 23 May 2002 5:16 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

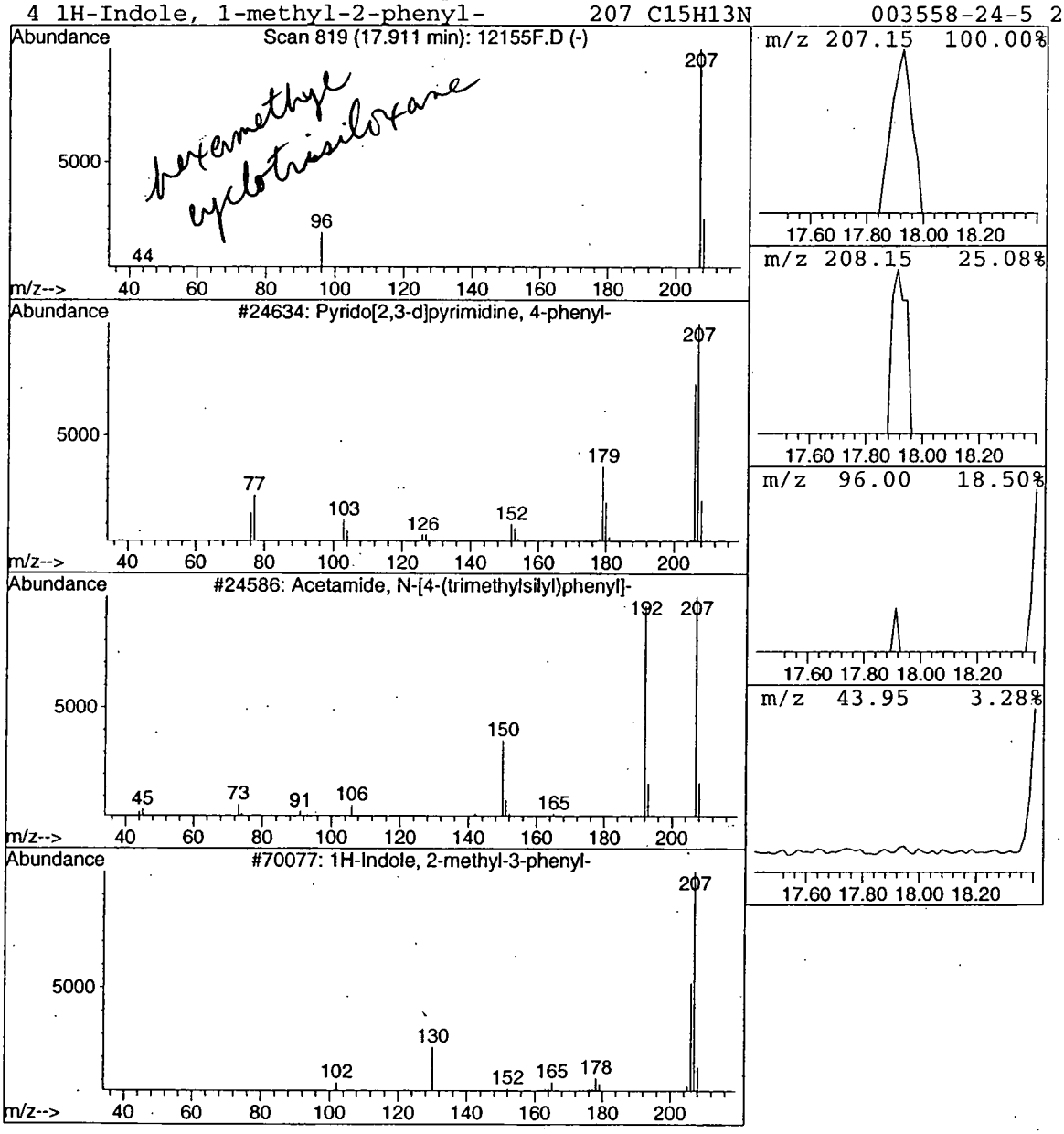
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	0.04 ug/L	26522	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	3
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	2
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY22\12155F.D Vial: 13
Acq On : 23 May 2002 5:16 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

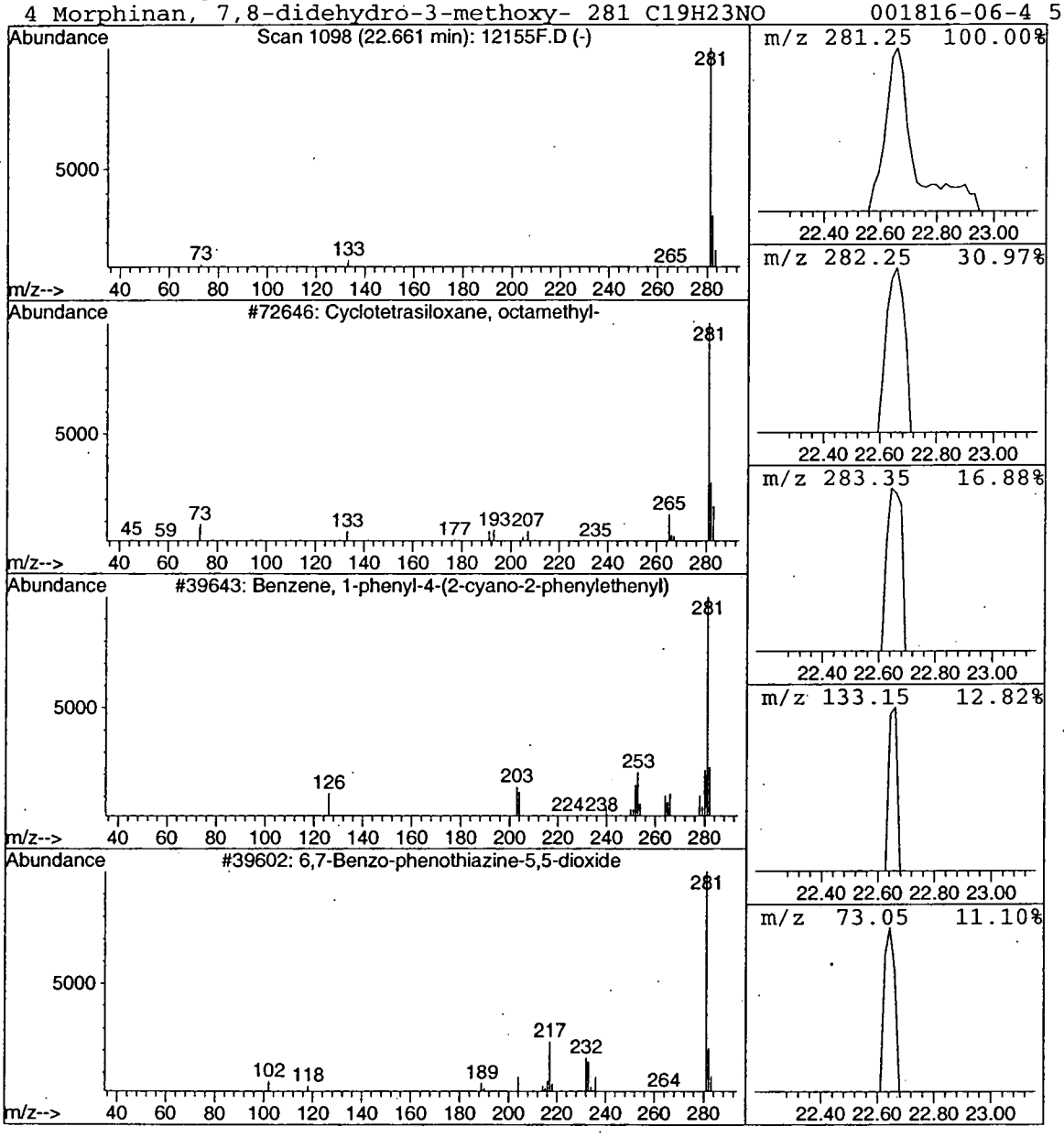
Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	0.09 ug/L	58502	CHLOROBENZENE-D5	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:19:23

Sample: AE11905
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/23/02 00:05 Ended: 5/23/02 00:05 Analyst: BH
Result source: a:\0522c10c.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.2	.5
2	Surr_4-BROMOFLUOROBENZE		5.2	.5
3	Dichlorodifluoromethane		7.3	.5
4	Chloromethane		9.4	.5
5	Vinyl chloride		7.7	.5
6	Bromomethane		7.7	.5
7	Chloroethane		9.1	.5
8	Trichlorofluoromethane		8.6	.5
9	1,1-Dichloroethene		11	.5
10	Methylene Chloride		11	.5
11	Methyl tert-butyl ether		10	1.0
12	trans-1,2-dichloroethene		11	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		44	2.0
15	2,2-dichloropropane		8.3	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		11	.5
18	Bromochloromethane		12	.5
19	1,2-dichloroethane		12	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		10	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		10	.5
24	Benzene		12	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		12	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		52	1.0
30	cis-1,3-dichloropropene		11	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		10	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		22	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		12	.5
44	Bromoform		12	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		10	.5
48	Bromobenzene		11	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/24/2002 Time: 12:19:23

Sample: AE11905
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/23/02 00:05 Ended: 5/23/02 00:05 Analyst: BH
Result source: a:\0522c10c.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		10	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		10	.5
61	Hexachlobutadiene		9.7	.5
62	Naphthalene		8.4	.5
63	1,2,3-trichlorobenzene		11	.5
64	Nitrobenzene		210	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10C.D Vial: 3
Acq On : 23 May 2002 5:59 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:26 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1205032	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.73	117	1042440	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	536178	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	609905	5.18	ug/L	0.03
Spiked Amount 5.000			Recovery =	103.60%		
3) 4-BROMOFLUOROBENZENE	24.31	174	443951	5.22	ug/L	0.02
Spiked Amount 5.000			Recovery =	104.40%		
25) TOLUENE-D8	18.42	98	1510117	5.30	ug/L	0.02
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	315226	7.25	ug/L	98
5) CHLOROMETHANE	5.34	50	678075	9.40	ug/L	97
6) VINYL CHLORIDE	5.56	62	285317	7.67	ug/L	100
7) BROMOMETHANE	6.55	94	142089	7.73	ug/L	98
8) CHLOROETHANE	6.68	64	327799	9.10	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.25	101	580384	8.61	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.14	101	327803	8.51	ug/L	100
12) ACETONE	8.22	43	307492	28.81	ug/L	96
13) 1,1-DICHLOROETHENE	8.57	61	970832	11.21	ug/L	96
14) METHYLENE CHLORIDE	9.57	49	869638	11.01	ug/L	96
15) METHYL TERT BUTYL ETHER	9.88	73	630920	10.31	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.23	61	999347	11.38	ug/L	90
17) 1,1-DICHLOROETHANE	11.14	63	1082158	11.38	ug/L	99
18) 2-BUTANONE (MEK)	11.97	43	355814	44.40	ug/L	94
19) 2,2-DICHLOROPROPANE	12.34	77	643722	8.34	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.45	96	587842	11.39	ug/L	98
21) CHLOROFORM	12.79	83	1130971	11.11	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	479699	11.99	ug/L	99
23) 1,2-DICHLOROETHANE	14.51	62	889876	11.70	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.67	97	876997	10.35	ug/L	99
27) 1,1-DICHLOROPROPENE	14.00	75	878065	11.12	ug/L	99
28) CARBON TETRACHLORIDE	14.27	117	730385	10.47	ug/L	99
29) BENZENE	14.61	78	1989095	11.67	ug/L	100
30) TRICHLOROETHENE	15.87	95	640017	11.27	ug/L	94
31) 1,2-DICHLOROPROPANE	16.23	63	560500	12.19	ug/L	97
32) DIBROMOMETHANE	16.91	174	252963	11.35	ug/L	99
33) BROMODICHLOROMETHANE	16.75	83	766695	11.46	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	152733	17.22	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.32	58	298172	51.75	ug/L	91
36) CIS-1,3-DICHLOROPROPENE	17.84	75	741477	11.45	ug/L	99
37) TOLUENE	18.61	91	2035124	11.70	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	542229	10.06	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.26	97	298242	11.13	ug/L	99
40) TETRACHLOROETHENE	20.04	166	536835	10.47	ug/L	96
41) 1,3-DICHLOROPROPANE	19.80	76	589169	11.32	ug/L	98
42) DIBROMOCHLOROMETHANE	20.48	129	356542	11.00	ug/L	96
43) 1,2-DIBROMOETHANE	20.94	107	300393	10.77	ug/L	98
44) CHLOROBENZENE	21.81	112	1148327	10.90	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	435496	10.70	ug/L	97
46) 2-HEXANONE	19.15	43	523112	47.43	ug/L	95
47) ETHYLBENZENE	21.86	91	2196555	10.72	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10C.D Vial: 3
Acq On : 23 May 2002 5:59 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:26 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 11:43:42 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

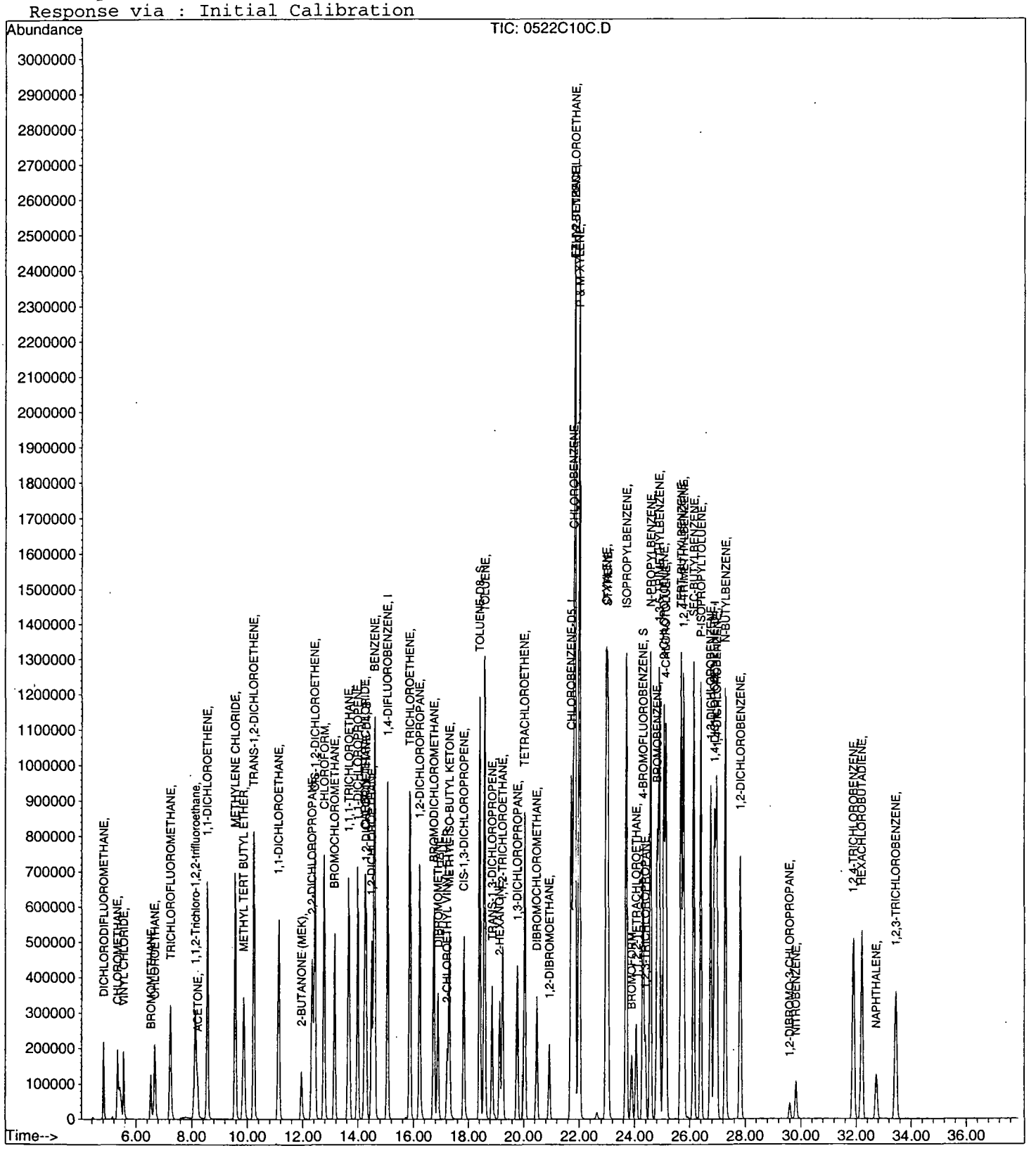
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	22.01	106	1416187	21.54	ug/L	96
49)	O-XYLENE	22.99	91	1764394	11.05	ug/L	99
50)	STYRENE	23.04	104	1154667	11.35	ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.07	83	308024	11.72	ug/L	98
53)	BROMOFORM	23.90	173	170884	12.39	ug/L	97
54)	ISOPROPYLBENZENE	23.72	105	1905025	10.72	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.40	110	97018	11.33	ug/L	92
56)	N-PROPYLBENZENE	24.59	91	2389443	10.22	ug/L	99
57)	BROMOBENZENE	24.82	156	474050	10.93	ug/L	89
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	1651803	10.34	ug/L	97
59)	2-CHLOROTOLUENE	25.06	91	1667449	10.24	ug/L	98
60)	4-CHLOROTOLUENE	25.13	91	1558256	9.57	ug/L	96
61)	TERT-BUTYLBENZENE	25.69	119	1484468	10.47	ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	1735616	10.54	ug/L	99
63)	SEC-BUTYLBENZENE	26.15	105	2008300	10.30	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.41	119	1535998	10.01	ug/L	99
65)	1,3-DICHLOROBENZENE	26.76	146	864509	10.65	ug/L	97
66)	1,4-DICHLOROBENZENE	26.99	146	866699	10.54	ug/L	98
67)	N-BUTYLBENZENE	27.29	91	1603824	10.08	ug/L	100
68)	1,2-DICHLOROBENZENE	27.84	146	719174	10.70	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	37713	11.47	ug/L	96
70)	1,2,4-TRICHLOROBENZENE	31.91	180	462886	10.42	ug/L	99
71)	HEXACHLOROBUTADIENE	32.21	225	333892	9.75	ug/L	97
72)	NAPHTHALENE	32.74	128	297308	8.35	ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.46	180	359883	10.54	ug/L	98
74)	NITROBENZENE	29.83	77	151686	207.73	ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY22\0522C10C.D Vial: 3
Acq On : 23 May 2002 5:59 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 14:26 2002 Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may22\0522B4.D Vial: 4
Acq On : 23 May 2002 6:43 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 23 7:21 2002 Quant Results File: HP052102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 22 11:53:20 2002
Response via : Initial Calibration
DataAcq Meth : HP052102

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
0522B4.D HP052102.M Thu May 23 07:21:33 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may22\0522B4.D
Acq On : 23 May 2002 6:43 am
Sample : cal 10
Misc :
MS Integration Params: GAS6.P
Quant Time: May 23 7:21 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP052102.RES

Method : C:\HPCHEM\1\METHODS\HP052102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 22 11:18:19 2002
Response via : Initial Calibration