User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:22:59

Sample: AE03958
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/19/02 00:09 Ended: 2/19/02 00:09 Analyst: BH
Result source: a:\0219b2.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.7
2	Surr - 4-BROMOFLUOROBENZ		4.4
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		0.85
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.83
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		0.87
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.2
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

— lab contamination

Reviewed by,
5/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:22:59

Sample: AE03958
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/19/02 00:09 Ended: 2/19/02 00:09 Analyst: BH
Result source: a:\0219b2.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\0219B2.D Vial: 2
Acq On : 19 Feb 2002 9:52 am Operator: 201-wb
Sample : lab blank 2 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 10:31 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 18 15:47:04 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

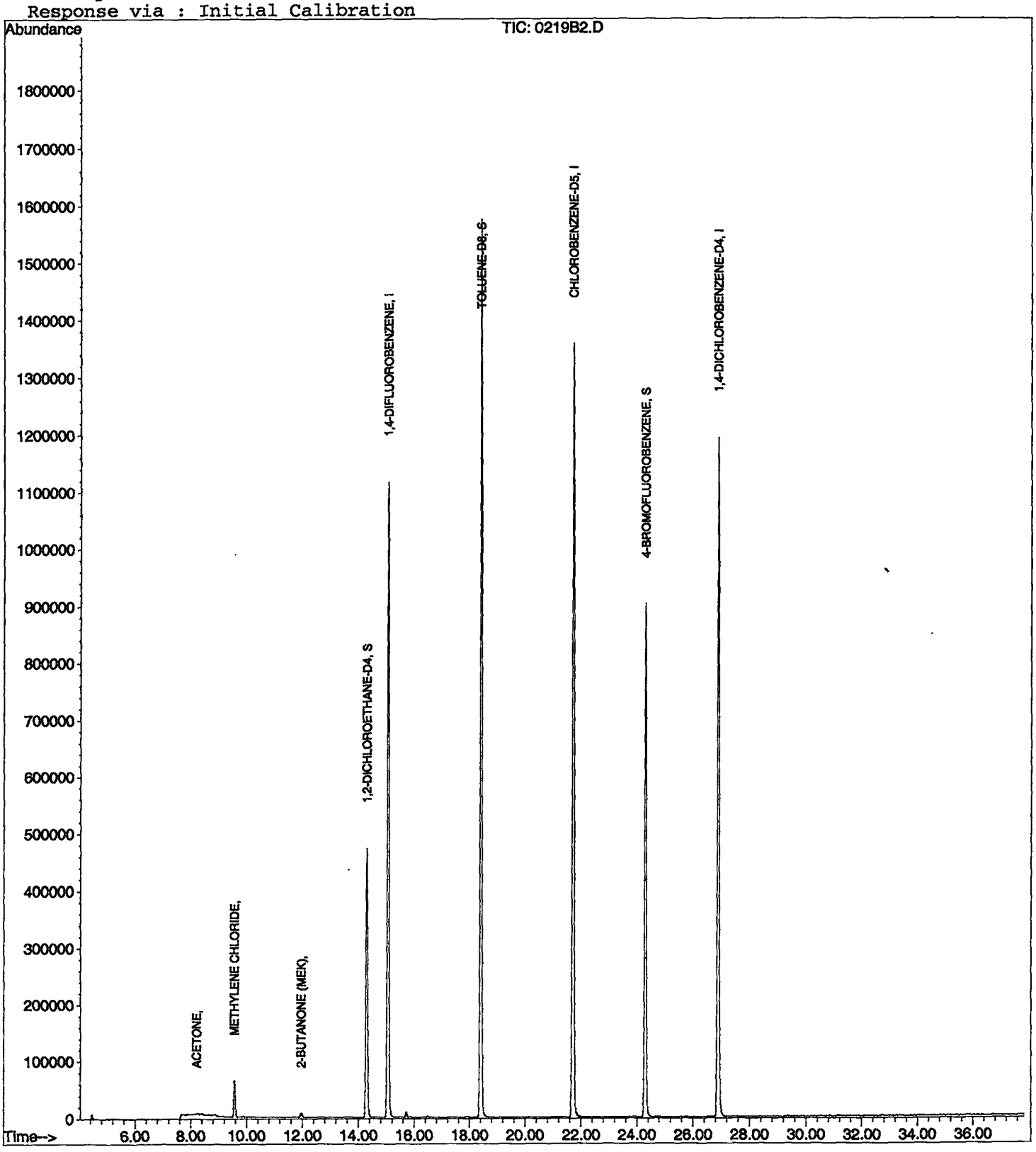
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	1769301	5.00	ug/L	-0.06
24) CHLOROBENZENE-D5	21.71	117	1706853	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.88	152	794391	5.00	ug/L	-0.06
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	639446	4.75	ug/L	-0.06
Spiked Amount 5.000			Recovery =	95.00%		
3) 4-BROMOFLUOROBENZENE	24.30	174	580992	4.37	ug/L	-0.06
Spiked Amount 5.000			Recovery =	87.40%		
25) TOLUENE-D8	18.41	98	2182036	5.15	ug/L	-0.07
Spiked Amount 5.000			Recovery =	103.00%		
Target Compounds						Qvalue
12) ACETONE	8.21	43	10301	0.85	ug/L	55
14) METHYLENE CHLORIDE	9.55	49	85185	0.83	ug/L	99
18) 2-BUTANONE (MEK)	11.95	43	24492	0.87	ug/L	97

(#) = qualifier out of range (m) = manual integration
0219B2.D HP021702.M Tue Feb 19 10:31:32 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\0219B2.D Vial: 2
Acq On : 19 Feb 2002 9:52 am Operator: 201-wb
Sample : lab blank 2 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 10:31 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\0219B2.D Vial: 2
Acq On : 19 Feb 2002 9:52 am Operator: 201-wb
Sample : lab blank 2 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

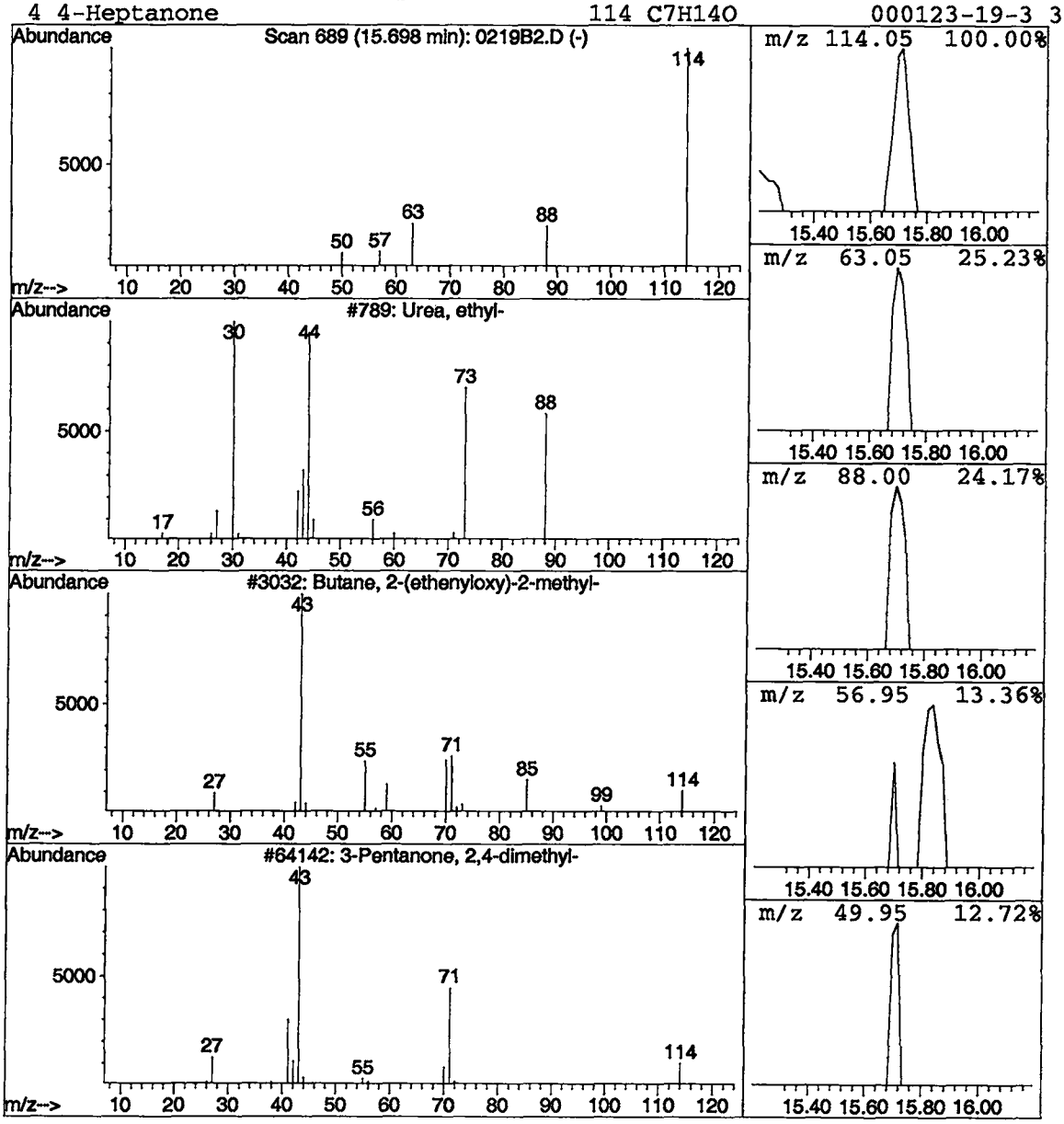
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	0.04 ug/L	33118	1,4-DIFLUOROBENZENE	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:23:41

Sample: AE03958
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/19/02 00:02 Ended: 2/19/02 00:02 Analyst: BH
Result source: a:\0219c10b.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.5		.5
2	Surr_4-BROMOFLUOROBENZE		4.4		.5
3	Dichlorodifluoromethane		7.1		.5
4	Chloromethane		9.7		.5
5	Vinyl chloride		11		.5
6	Bromomethane		9.7		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		9.9		.5
9	1,1-Dichloroethene		9.2		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		8.5		1.0
12	trans-1,2-dichloroethene		9.8		.5
13	1,1-dichloroethane		9.9		.5
14	2-butanone (MEK)		7.0		2.0
15	2,2-dichloropropane		9.3		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		9.8		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		9.1		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		10		.5
24	Benzene		11		.5
26	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		9.9		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		23		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		9.5		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:23:41

Sample: AE03958
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/19/02 00:02 Ended: 2/19/02 00:02 Analyst: BH
Result source: a:\0219c10b.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		8.6		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		240		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\0219C10B.D Vial: 6
Acq On : 19 Feb 2002 2:39 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 16:17 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1786728	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.72	117	1688049	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.90	152	800492	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	605949	4.45	ug/L	-0.04
Spiked Amount 5.000			Recovery =	89.00%		
3) 4-BROMOFLUOROBENZENE	24.31	174	596424	4.44	ug/L	-0.04
Spiked Amount 5.000			Recovery =	88.80%		
25) TOLUENE-D8	18.42	98	2181802	5.21	ug/L	-0.05
Spiked Amount 5.000			Recovery =	104.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	448777	7.13	ug/L	99
5) CHLOROMETHANE	5.47	50	466445	9.72	ug/L	99
6) VINYL CHLORIDE	5.59	62	259901	10.62	ug/L	98
7) BROMOMETHANE	6.56	94	281100	9.66	ug/L	99
8) CHLOROETHANE	6.71	64	292904	9.96	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.26	101	559116	9.90	ug/L	99
12) ACETONE	8.22	43	95670	7.79	ug/L	91
13) 1,1-DICHLOROETHENE	8.58	61	786668	9.16	ug/L	99
14) METHYLENE CHLORIDE	9.59	49	1035651	10.04	ug/L	98
15) METHYL TERT BUTYL ETHER	9.88	73	969670	8.50	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.25	61	1076561	9.80	ug/L	100
17) 1,1-DICHLOROETHANE	11.14	63	1290876	9.95	ug/L	97
18) 2-BUTANONE (MEK)	11.97	43	198631	6.98	ug/L	100
19) 2,2-DICHLOROPROPANE	12.34	77	973588	9.35	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.45	96	755089	10.18	ug/L	96
21) CHLOROFORM	12.79	83	1271781	9.75	ug/L	100
22) BROMOCHLOROMETHANE	13.16	49	626773	10.10	ug/L	97
23) 1,2-DICHLOROETHANE	14.51	62	794496	9.05	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.67	97	953935	10.13	ug/L	97
27) 1,1-DICHLOROPROPENE	14.00	75	1019236	10.85	ug/L	98
28) CARBON TETRACHLORIDE	14.25	117	794392	10.38	ug/L	97
29) BENZENE	14.59	78	2642390	10.84	ug/L	99
30) TRICHLOROETHENE	15.87	95	776221	10.65	ug/L	96
31) 1,2-DICHLOROPROPANE	16.23	63	752136	10.91	ug/L	97
32) DIBROMOMETHANE	16.91	174	329479	10.07	ug/L	94
33) BROMODICHLOROMETHANE	16.75	83	912157	10.34	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	247271	9.70	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.30	58	125145	9.92	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.84	75	1045080	10.75	ug/L	99
37) TOLUENE	18.59	91	2823031	11.08	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.86	75	733841	10.30	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.26	97	437231	10.59	ug/L	99
40) TETRACHLOROETHENE	20.04	166	768848	11.08	ug/L	96
41) 1,3-DICHLOROPROPANE	19.78	76	842187	10.41	ug/L	97
42) DIBROMOCHLOROMETHANE	20.48	129	521245	10.49	ug/L	98
43) 1,2-DIBROMOETHANE	20.92	107	450662	10.07	ug/L	94
44) CHLOROBENZENE	21.81	112	1857367	11.42	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	595763	10.93	ug/L	97
46) 2-HEXANONE	19.15	43	241224	9.52	ug/L	95
47) ETHYLBENZENE	21.84	91	3318590	11.30	ug/L	98
48) P & M-XYLENE	22.00	106	2268049	22.63	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\0219C10B.D Vial: 6
Acq On : 19 Feb 2002 2:39 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 16:17 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

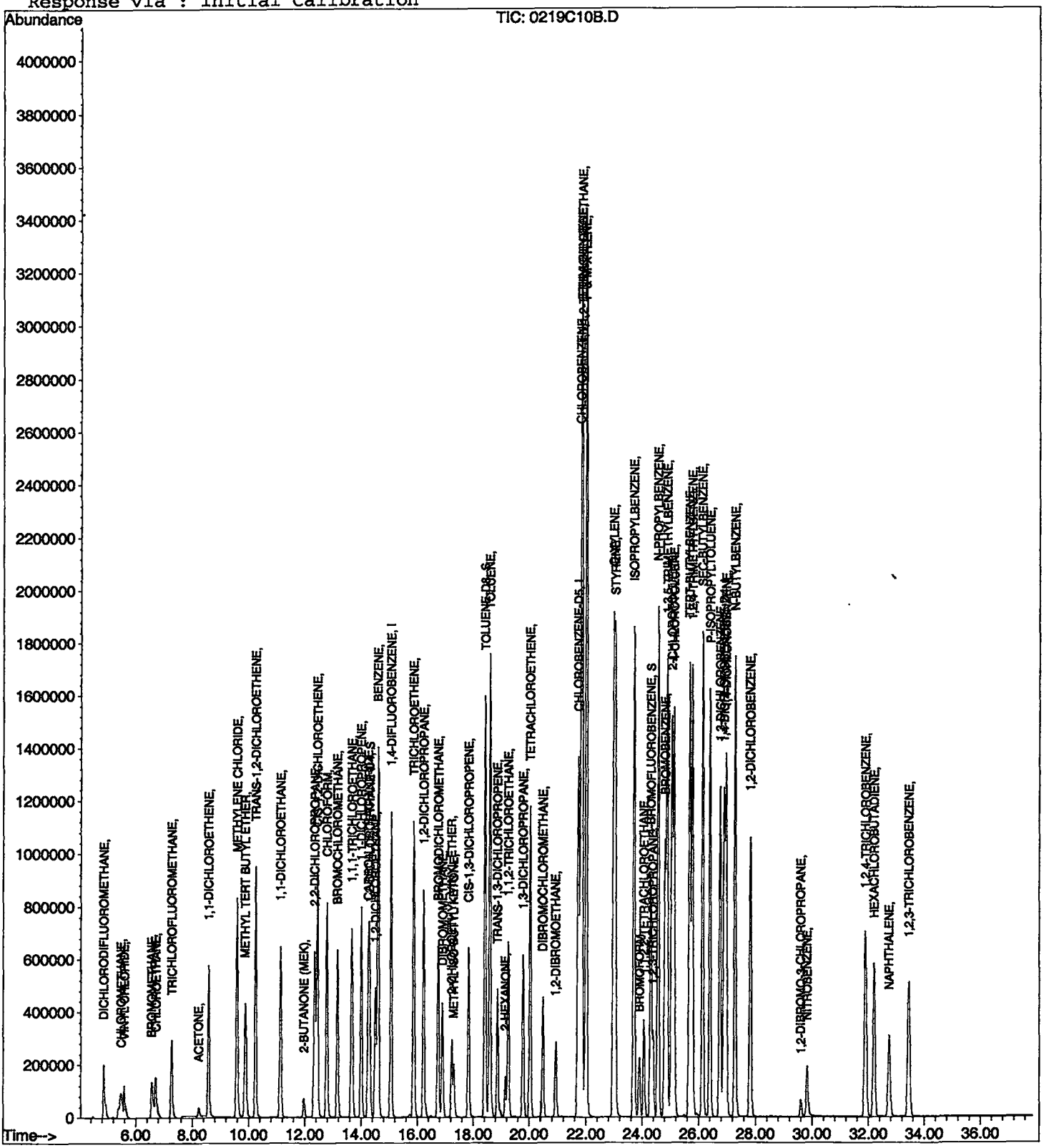
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	22.98	91	2544435	10.89 ug/L	95
50)	STYRENE	23.04	104	1888762	11.18 ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	509476	11.16 ug/L	99
53)	BROMOFORM	23.90	173	237349	9.51 ug/L	98
54)	ISOPROPYLBENZENE	23.70	105	2929124	11.29 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.38	110	131333	10.29 ug/L	94
56)	N-PROPYLBENZENE	24.57	91	3862567	11.31 ug/L	100
57)	BROMOBENZENE	24.82	156	699891	10.76 ug/L	94
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	2380094	10.73 ug/L	96
59)	2-CHLOROTOLUENE	25.06	91	2511742	11.38 ug/L	95
60)	4-CHLOROTOLUENE	25.13	91	2010890	10.20 ug/L	94
61)	TERT-BUTYLBENZENE	25.67	119	2239900	11.22 ug/L	96
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	2484112	10.69 ug/L	95
63)	SEC-BUTYLBENZENE	26.13	105	3243294	11.40 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.41	119	2409734	11.15 ug/L	96
65)	1,3-DICHLOROBENZENE	26.76	146	1331939	10.88 ug/L	94
66)	1,4-DICHLOROBENZENE	26.97	146	1346040	10.76 ug/L	99
67)	N-BUTYLBENZENE	27.29	91	2590820	11.14 ug/L	98
68)	1,2-DICHLOROBENZENE	27.82	146	1138341	10.77 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	61096	10.55 ug/L	99
70)	1,2,4-TRICHLOROBENZENE	31.91	180	697998	10.30 ug/L	97
71)	HEXACHLOROBUTADIENE	32.21	225	335580	10.18 ug/L	97
72)	NAPHTHALENE	32.74	128	784719	8.64 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.46	180	552798	10.19 ug/L	98
74)	NITROBENZENE	29.83	77	294535	237.25 ug/L	96

(#) = qualifier out of range (m) = manual integration
0219C10B.D HP021702.M Wed Feb 20 10:09:59 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\0219C10B.D Vial: 6
Acq On : 19 Feb 2002 2:39 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 16:17 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 09:40:23 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:41:15

Sample: AE03954
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:05 Ended: 2/19/02 00:05 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:41:15

Sample: AE03954
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:05 Ended: 2/19/02 00:05 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\03954.D Vial: 9
Acq On : 19 Feb 2002 5:10 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 17:49 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

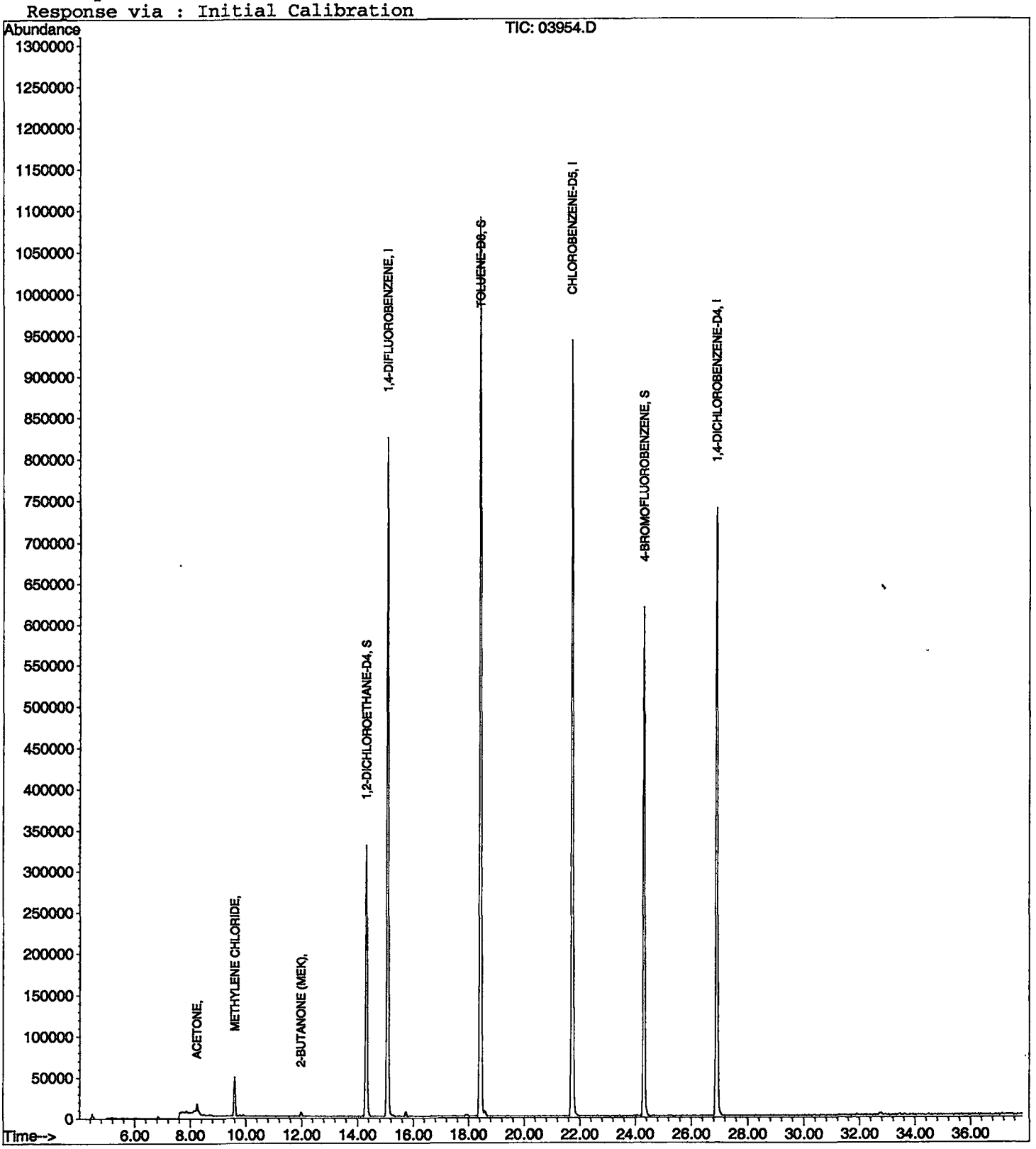
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1269061	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.73	117	1182085	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	520265	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	438705	4.54	ug/L	-0.03
Spiked Amount 5.000			Recovery = 90.80%			
3) 4-BROMOFLUOROBENZENE	24.31	174	389693	4.09	ug/L	-0.04
Spiked Amount 5.000			Recovery = 81.80%			
25) TOLUENE-D8	18.44	98	1555438	5.31	ug/L	-0.03
Spiked Amount 5.000			Recovery = 106.20%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	29663	3.40	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	61206	0.84	ug/L	96
18) 2-BUTANONE (MEK)	11.99	43	15008	0.74	ug/L	94

(#) = qualifier out of range (m) = manual integration
03954.D HP021702.M Wed Feb 20 10:07:47 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03954.D Vial: 9
Acq On : 19 Feb 2002 5:10 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 17:49 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 09:40:23 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03954.D Vial: 9
Acq On : 19 Feb 2002 5:10 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

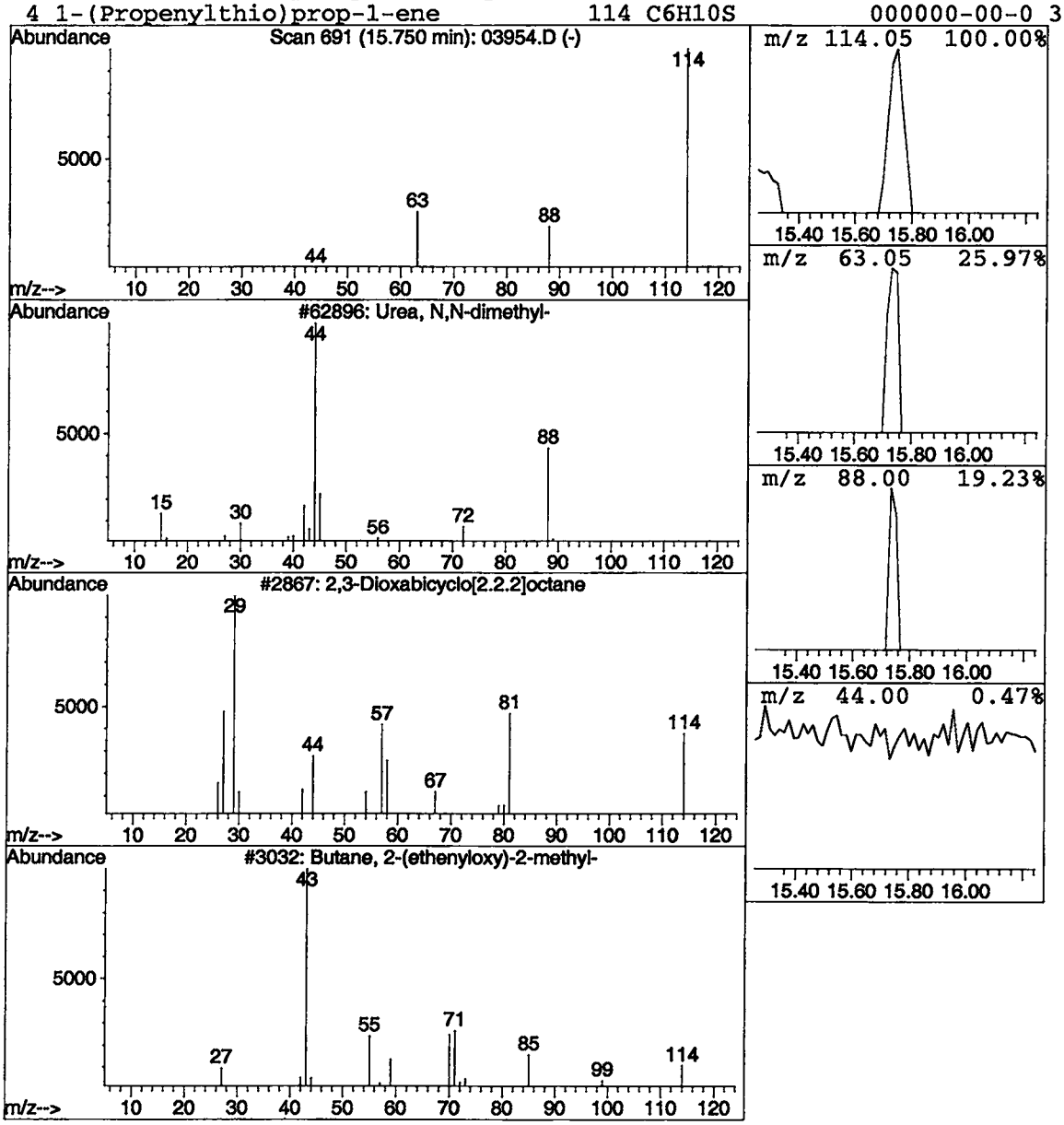
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	20779	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	4
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:36:56

Sample: AE03958
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 2/19/02 00:05 Ended: 2/19/02 00:05 Analyst: BH
Result source: a:\0219r5a.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.4		
2	4-BROMOFLUOROBENZENE		4.4		
3	DICHLORODIFLUOROMETHAN		3.6		.5
4	CHLOROMETHANE		4.6		.5
5	VINYL CHLORIDE		5.1		.5
6	BROMOMETHANE		4.9		.5
7	CHLOROETHANE		4.6		.5
8	TRICHLOROFLUOROMETHAN		4.7		.5
9	ACETONE		3.7		.5
10	1,1-DICHLOROETHENE		3.7		.5
11	METHYLENE CHLORIDE		5.4		.5
12	METHYL TERT BUTYL ETHER		3.5		1
13	TRANS-1,2-DICHLOROETHEN		3.9		.5
14	1,1-DICHLOROETHANE		4.3		.5
15	2-BUTANONE (MEK)		3.6		.5
16	2,2-DICHLOROPROPANE		3.9		.5
17	CIS-1,2-DICHLOROETHENE		4.7		.5
18	CHLOROFORM		4.5		.5
19	BROMOCHLOROMETHANE		4.6		.5
20	1,2-DICHLOROETHANE		4.3		.5
21	TOLUENE-D8		5.3		
22	1,1,1-TRICHLOROETHANE		4.3		.5
23	1,1-DICHLOROPROPENE		4.6		.5
24	CARBON TETRACHLORIDE		4.3		.5
25	BENZENE		5.0		.5
26	TRICHLOROETHENE		5.0		.5
27	1,2-DICHLOROPROPANE		5.2		.5
28	DIBROMOMETHANE		4.6		.5
29	BROMODICHLOROMETHANE		4.8		.5
30	2-CHLOROETHYL VINYL ETHE		3.7		.5
31	METHYL ISO-BUTYL KETONE		4.1		1
32	CIS-1,3-DICHLOROPROPENE		4.9		.5
33	TOLUENE		5.3		.5
34	TRANS-1,3-DICHLOROPROPE		4.9		.5
35	1,1,2-TRICHLOROETHANE		5.2		.5
36	TETRACHLOROETHENE		5.2		.5
37	1,3-DICHLOROPROPANE		5.0		.5
38	DIBROMOCHLOROMETHANE		4.8		2
39	1,2-DIBROMOETHANE		4.7		.5
40	CHLOROBENZENE		5.5		.5
41	1,1,1,2-TETRACHLOROETHA		5.2		.5
42	2-HEXANONE		3.6		.5
43	ETHYLBENZENE		5.6		.5
44	P & M-XYLENE		11		.5
45	O-XYLENE		5.4		.5
46	STYRENE		5.4		.5
47	1,1,2,2-TETRACHLOROETHA		5.2		.5
48	BROMOFORM		4.0		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:36:56

Sample: AE03958
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 2/19/02 00:05 Ended: 2/19/02 00:05 Analyst: BH
Result source: a:\0219r5a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		5.4		.5
50	1,2,3-TRICHLOROPROPANE		4.6		.5
51	N-PROPYLBENZENE		5.5		.5
52	BROMOBENZENE		5.2		.5
53	1,3,5-TRIMETHYLBENZENE		5.4		.5
54	2-CHLOROTOLUENE		5.3		.5
55	4-CHLOROTOLUENE		5.6		.5
56	TERT-BUTYLBENZENE		5.6		.5
57	1,2,4-TRIMETHYLBENZENE		5.3		.5
58	SEC-BUTYLBENZENE		5.7		.5
59	P-ISOPROPYLTOLUENE		5.8		.5
60	1,3-DICHLOROBENZENE		5.5		.5
61	1,4-DICHLOROBENZENE		5.3		.5
62	N-BUTYLBENZENE		5.8		.5
63	1,2-DICHLOROBENZENE		5.3		.5
64	1,2-DIBROMO-3-CHLOROPRO		4.6		.5
65	1,2,4-TRICHLOROBENZENE		4.9		.5
66	HEXACHLOROBUTADIENE		5.1		.5
67	NAPHTHALENE		4.1		.5
68	1,2,3-TRICHLOROBENZENE		4.8		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		84		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:37:44

Sample: AE03958
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/21/02 11:37 Ended: 2/21/02 11:37 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.4		.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		.5
3	Dichlorodifluoromethane		72		.5
4	Chloromethane		92		.5
5	Vinyl chloride		102		.5
6	Bromomethane		98		.5
7	Chloroethane		92		.5
8	Trichlorofluoromethane		94		.5
9	1,1-Dichloroethene		74		.5
10	Methylene Chloride		108		.5
11	Methyl tert butyl ether		70		1.0
12	trans-1,2-dichloroethene		78		.5
13	1,1-dichloroethane		86		.5
14	2-butanone (MEK)		72		2.0
15	2,2-dichloropropane		78		.5
16	cis-1,2-dichloroethene		94		.5
17	Chloroform		90		.5
18	Bromochloromethane		92		.5
19	1,2-dichloroethane		86		.5
20	Surr - TOLUENE-D8		5.3		.5
21	1,1,1-trichloroethane		86		.5
22	1,1-dichloropropene		92		.5
23	Carbon tetrachloride		86		.5
24	Benzene		100		.5
25	Trichloroethene		100		.5
26	1,2-dichloropropane		104		.5
27	Dibromomethane		92		.5
28	Bromodichloromethane		96		.5
29	Methyl iso-butyl ketone		82		1.0
30	cis-1,3-dichloropropene		98		.5
31	Toluene		106		.5
32	trans-1,3-dichloropropene		98		.5
33	1,1,2-trichloroethane		104		.5
34	Tetrachloroethene		104		.5
35	1,3-dichloropropane		100		.5
36	Dibromochloromethane		96		2.0
37	Chlorobenzene		110		.5
38	1,1,1,2-tetrachloroethane		104		.5
39	Ethylbenzene		112		.5
40	P & M-xylene		110		.5
41	O-xylene		108		.5
42	Styrene		108		.5
43	1,1,2,2-tetrachloroethane		104		.5
44	Bromoform		80		2.0
45	Isopropylbenzene		108		.5
46	1,2,3-trichloropropane		92		.5
47	N-propylbenzene		110		.5
48	Bromobenzene		104		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:37:44

Sample: AE03958
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/21/02 11:37 Ended: 2/21/02 11:37 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		108		.5
50	2-chlorotoluene		106		.5
51	4-chlorotoluene		112		.5
52	TERT-butylbenzene		112		.5
53	1,2,4-trimethylbenzene		106		.5
54	SEC-butylbenzene		114		.5
55	P-isopropyltoluene		116		.5
56	1,3-dichlorobenzene		110		.5
57	1,4-dichlorobenzene		106		.5
58	N-butylbenzene		116		.5
59	1,2-dichlorobenzene		106		.5
60	1,2,4-trichlorobenzene		98		.5
61	Hexachlorobutadiene		102		.5
62	Naphthalene		82		.5
63	1,2,3-trichlorobenzene		96		.5
64	Ethanol				
65	Nitrobenzene		84		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\0219R5A.D Vial: 1
Acq On : 19 Feb 2002 5:55 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 8:33 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 08:33:37 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1753097	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.73	117	1662755	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	796147	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	591200	4.43	ug/L	-0.03
Spiked Amount 5.000			Recovery = 88.60%			
3) 4-BROMOFLUOROBENZENE	24.31	174	582969	4.42	ug/L	-0.04
Spiked Amount 5.000			Recovery = 88.40%			
25) TOLUENE-D8	18.44	98	2168504	5.26	ug/L	-0.03
Spiked Amount 5.000			Recovery = 105.20%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	219481	3.55	ug/L	99
5) CHLOROMETHANE	5.50	50	237871	4.61	ug/L	99
6) VINYL CHLORIDE	5.60	62	162146	5.13	ug/L	97
7) BROMOMETHANE	6.57	94	140467	4.92	ug/L	98
8) CHLOROETHANE	6.71	64	132516	4.59	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.28	101	259465	4.68	ug/L	100
12) ACETONE	8.24	43	40209	3.66	ug/L	94
13) 1,1-DICHLOROETHENE	8.60	61	315533	3.74	ug/L	96
14) METHYLENE CHLORIDE	9.60	49	542131	5.35	ug/L	98
15) METHYL TERT BUTYL ETHER	9.91	73	371217	3.54	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.27	61	424832	3.94	ug/L	100
17) 1,1-DICHLOROETHANE	11.15	63	547356	4.30	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	92157	3.63	ug/L	97
19) 2,2-DICHLOROPROPANE	12.36	77	400099	3.91	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.46	96	338296	4.65	ug/L	99
21) CHLOROFORM	12.80	83	580815	4.54	ug/L	97
22) BROMOCHLOROMETHANE	13.18	49	281747	4.63	ug/L	96
23) 1,2-DICHLOROETHANE	14.52	62	368661	4.28	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.69	97	402253	4.34	ug/L	98
27) 1,1-DICHLOROPROPENE	14.01	75	429044	4.64	ug/L	97
28) CARBON TETRACHLORIDE	14.27	117	324516	4.31	ug/L	98
29) BENZENE	14.61	78	1191137	4.96	ug/L	99
30) TRICHLOROETHENE	15.89	95	358281	4.99	ug/L	94
31) 1,2-DICHLOROPROPANE	16.24	63	355345	5.23	ug/L	96
32) DIBROMOMETHANE	16.91	174	147506	4.58	ug/L	91
33) BROMODICHLOROMETHANE	16.75	83	413641	4.76	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	93684	3.73	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.32	58	50930	4.10	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.84	75	468942	4.90	ug/L	98
37) TOLUENE	18.61	91	1337540	5.33	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	344815	4.91	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.27	97	212201	5.22	ug/L	99
40) TETRACHLOROETHENE	20.06	166	352617	5.16	ug/L	98
41) 1,3-DICHLOROPROPANE	19.80	76	395442	4.96	ug/L	99
42) DIBROMOCHLOROMETHANE	20.48	129	235583	4.81	ug/L	100
43) 1,2-DIBROMOETHANE	20.94	107	208156	4.72	ug/L	98
44) CHLOROBENZENE	21.81	112	888121	5.54	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	281142	5.24	ug/L	96
46) 2-HEXANONE	19.17	43	91031	3.65	ug/L	97
47) ETHYLBENZENE	21.86	91	1610821	5.57	ug/L	98
48) P & M-XYLENE	22.02	106	1117560	11.32	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\0219R5A.D Vial: 1
Acq On : 19 Feb 2002 5:55 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 8:33 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 08:33:37 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

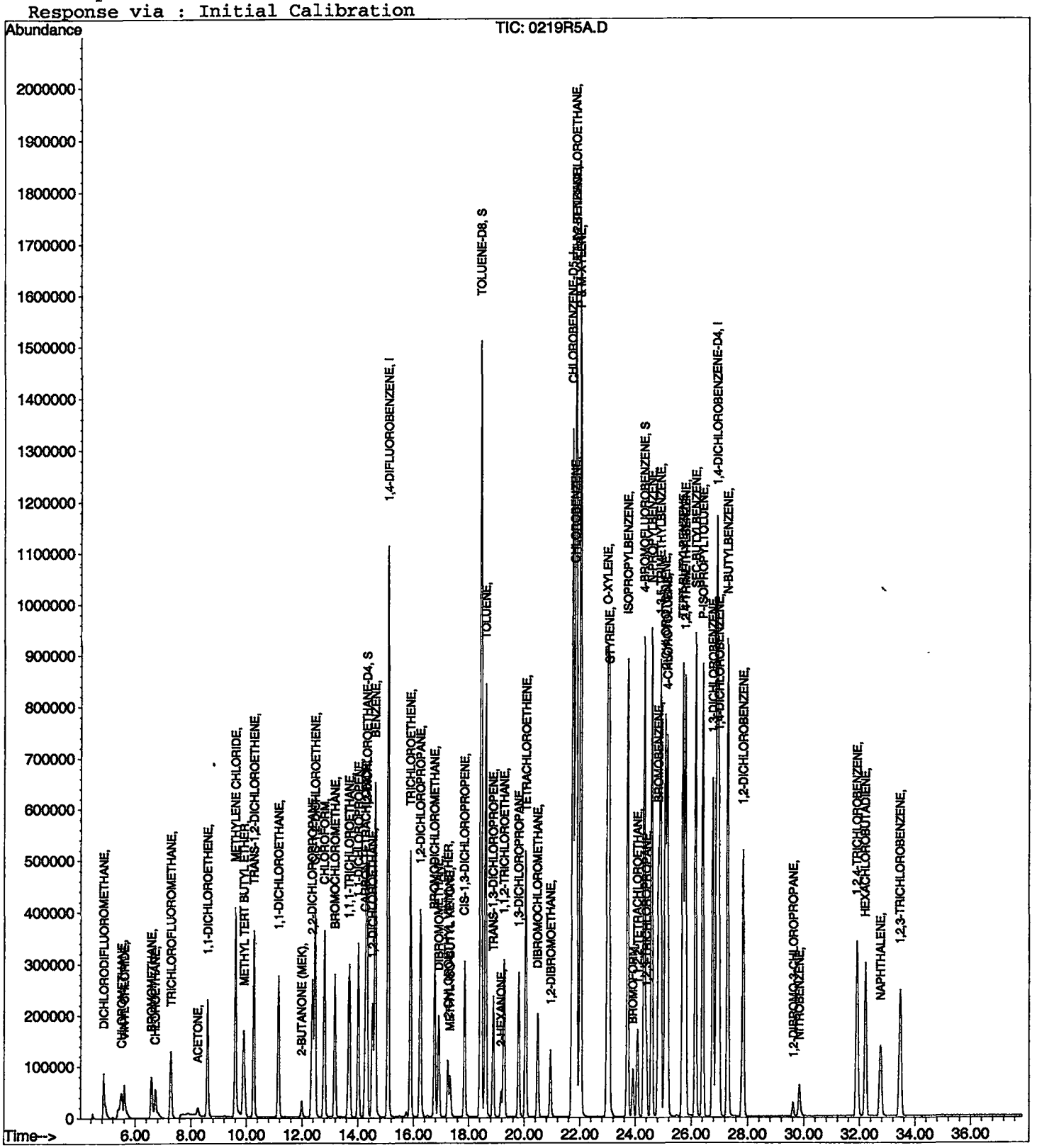
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	22.99	91	1252812	5.44 ug/L	96
50)	STYRENE	23.05	104	896342	5.38 ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.08	83	232219	5.16 ug/L	100
53)	BROMOFORM	23.90	173	99898	4.03 ug/L	97
54)	ISOPROPYLBENZENE	23.72	105	1404849	5.44 ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.40	110	58908	4.64 ug/L	88
56)	N-PROPYLBENZENE	24.59	91	1859798	5.48 ug/L	98
57)	BROMOBENZENE	24.82	156	334796	5.17 ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	1190280	5.40 ug/L	96
59)	2-CHLOROTOLUENE	25.06	91	1158958	5.28 ug/L	98
60)	4-CHLOROTOLUENE	25.13	91	1093343	5.57 ug/L	97
61)	TERT-BUTYLBENZENE	25.69	119	1115230	5.62 ug/L	94
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	1236460	5.35 ug/L	96
63)	SEC-BUTYLBENZENE	26.15	105	1606174	5.67 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.41	119	1246220	5.80 ug/L	97
65)	1,3-DICHLOROBENZENE	26.76	146	672165	5.52 ug/L	97
66)	1,4-DICHLOROBENZENE	26.99	146	657121	5.28 ug/L	98
67)	N-BUTYLBENZENE	27.29	91	1334774	5.77 ug/L	98
68)	1,2-DICHLOROBENZENE	27.84	146	561532	5.34 ug/L	95
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.63	157	26550	4.61 ug/L	95
70)	1,2,4-TRICHLOROBENZENE	31.91	180	331456	4.92 ug/L	95
71)	HEXACHLOROBUTADIENE	32.21	225	168235	5.13 ug/L	96
72)	NAPHTHALENE	32.76	128	368228	4.08 ug/L	97
73)	1,2,3-TRICHLOROBENZENE	33.46	180	259459	4.81 ug/L	99
74)	NITROBENZENE	29.83	77	103634	83.94 ug/L	97

(#) = qualifier out of range (m) = manual integration
0219R5A.D HP021702.M Wed Feb 20 10:12:16 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\0219R5A.D Vial: 1
Acq On : 19 Feb 2002 5:55 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 8:33 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 09:40:23 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:42:34

Sample: AE03955
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:06 Ended: 2/19/02 00:06 Analyst: BH
Result source: a:\03955.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		20		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		6.9		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:42:34

Sample: AE03955
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:06 Ended: 2/19/02 00:06 Analyst: BH
Result source: a:\03955.rr
Page: 2

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

Comments for Sample AE03955 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 15:13:24

Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.07ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03955.D Vial: 2
Acq On : 19 Feb 2002 6:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 19:16 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1675462	5.00 ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	1561142	5.00 ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	693549	5.00 ug/L	-0.03
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.32	65	571424	4.48 ug/L	-0.03
Spiked Amount 5.000			Recovery =	89.60%	
3) 4-BROMOFLUOROBENZENE	24.31	174	521483	4.14 ug/L	-0.04
Spiked Amount 5.000			Recovery =	82.80%	
25) TOLUENE-D8	18.44	98	2044273	5.28 ug/L	-0.03
Spiked Amount 5.000			Recovery =	105.60%	
Target Compounds					Qvalue
12) ACETONE	8.26	43	27834	2.42 ug/L	98
14) METHYLENE CHLORIDE	9.60	49	81815	0.85 ug/L	94
18) 2-BUTANONE (MEK)	11.99	43	22517	0.84 ug/L	93
21) CHLOROFORM	12.80	83	2404955	19.66 ug/L	100
33) BROMODICHLOROMETHANE	16.75	83	565073	6.93 ug/L	99
42) DIBROMOCHLOROMETHANE	20.48	129	40752	0.89 ug/L	96
72) NAPHTHALENE	32.76	128	28314	0.36 ug/L	93

20
6.9

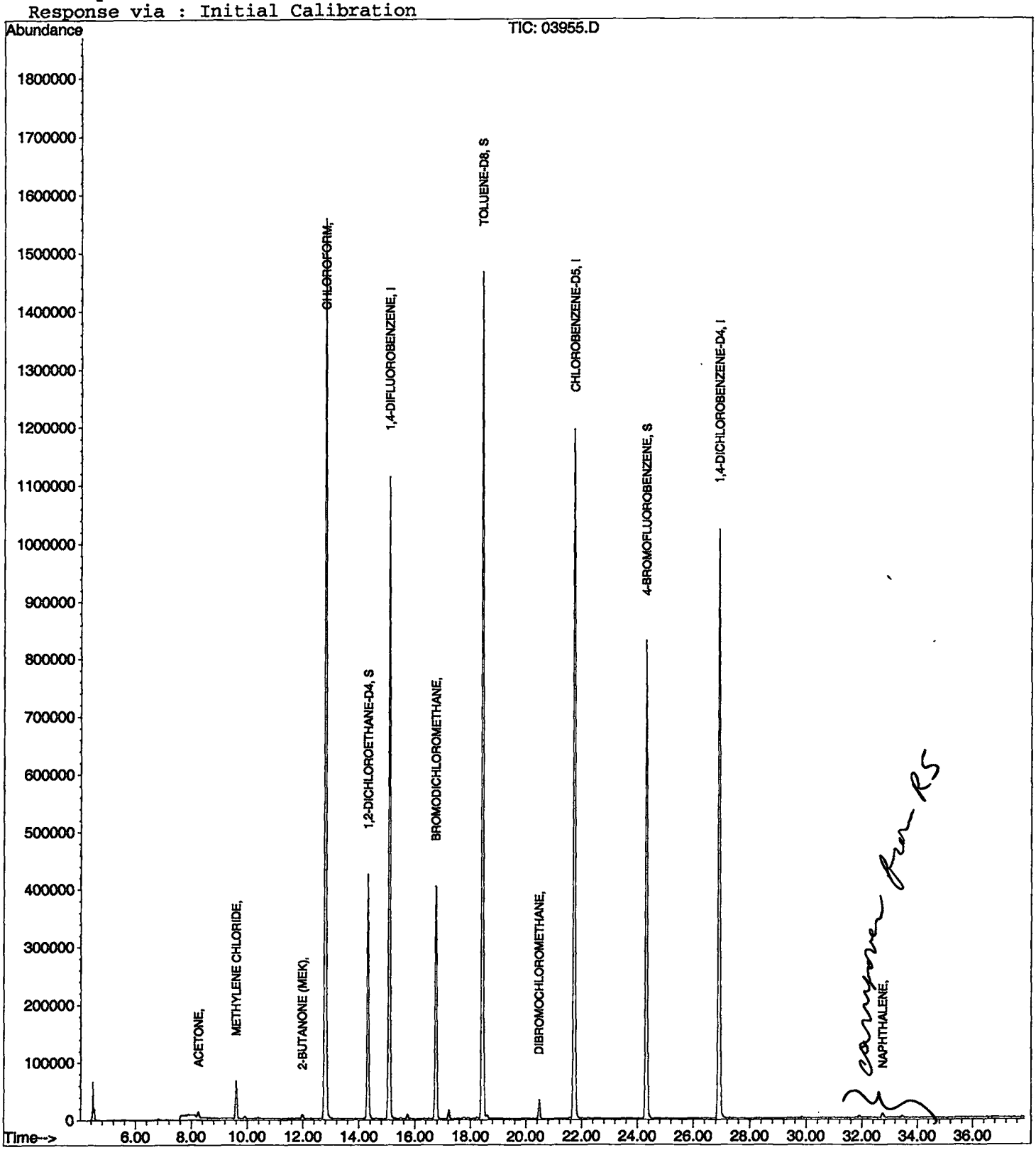
Carryover from RS

(#) = qualifier out of range (m) = manual integration
03955.D HP021702.M Tue Feb 19 19:16:46 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03955.D Vial: 2
Acq On : 19 Feb 2002 6:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 19:16 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



03955.D HP021702.M Tue Feb 19 19:16:51 2002 Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03955.D Vial: 2
Acq On : 19 Feb 2002 6:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

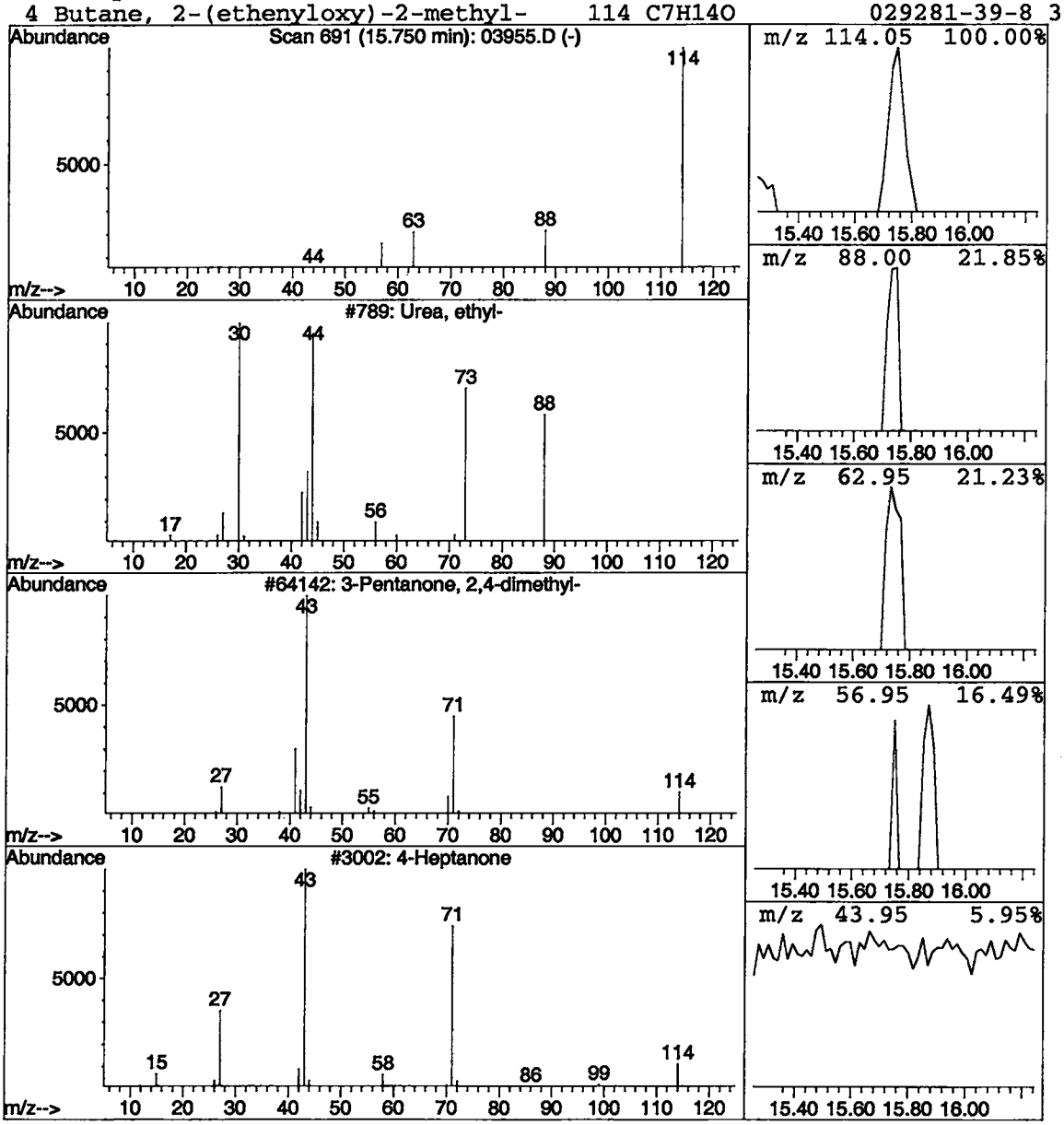
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.04 ug/L	33540	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03955.D Vial: 2
Acq On : 19 Feb 2002 6:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

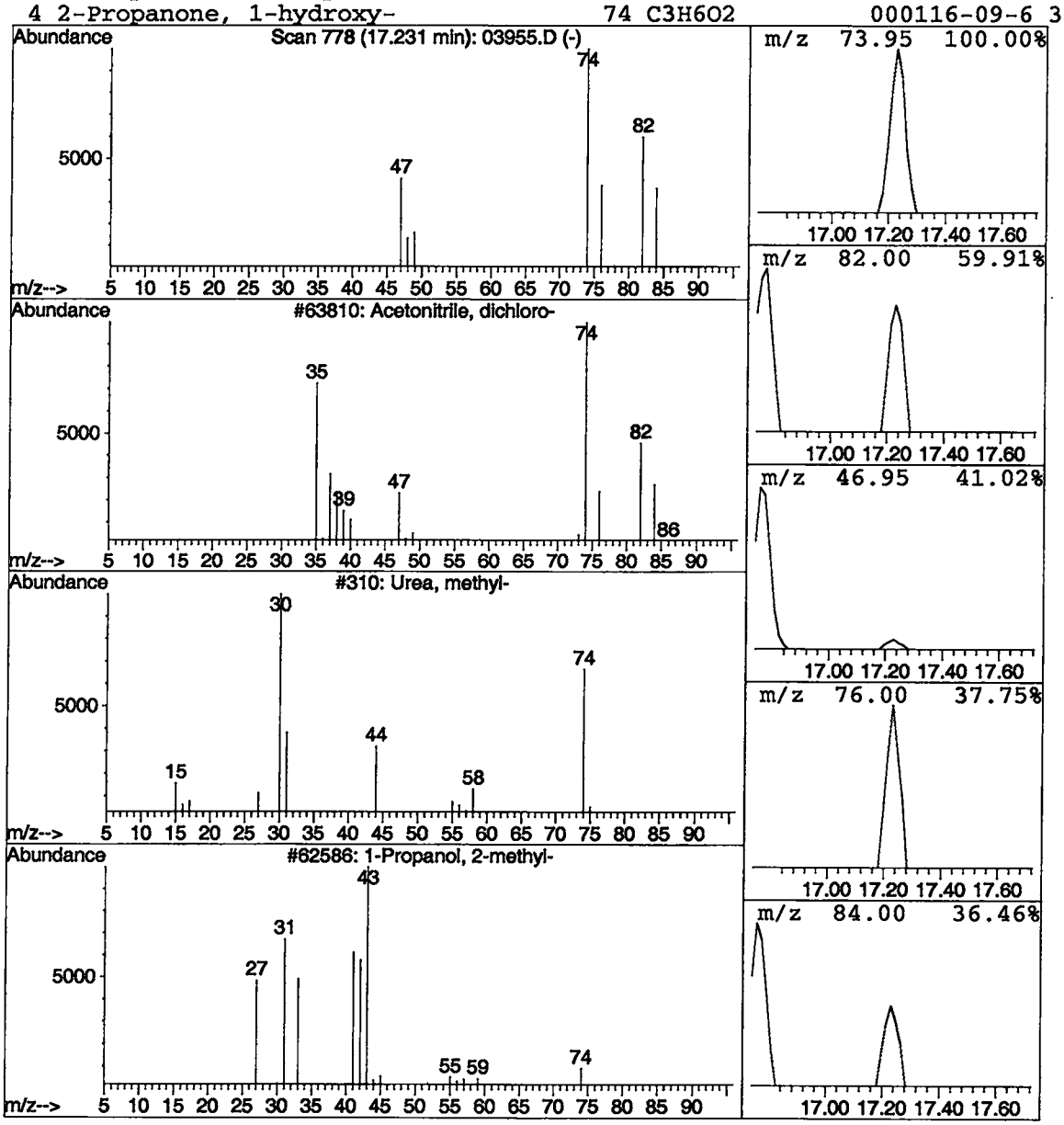
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.07 ug/L	56476	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	23
2	Urea, methyl-	74	C2H6N2O	000598-50-5	4
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	3
4	2-Propanone, 1-hydroxy-	74	C3H6O2	000116-09-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:45:20

Sample: AE03956
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:07 Ended: 2/19/02 00:07 Analyst: BH
Result source: a:\03956.rr
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		36 —		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		13 —		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:45:20

Sample: AE03956
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:07 Ended: 2/19/02 00:07 Analyst: BH
Result source: a:\03956.rr
Page: 2

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

Comments for Sample AE03956 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 15:13:45

The abundances of the internal standards in this sample were 50% lower that the abundances of the internal standards in the CCV. Therefore the reported concentration of the analytes present in this sample is probably higher than the actual concentration.
Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.12ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\03956.D Vial: 3
Acq On : 19 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 20:00 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

area 50% of CCV

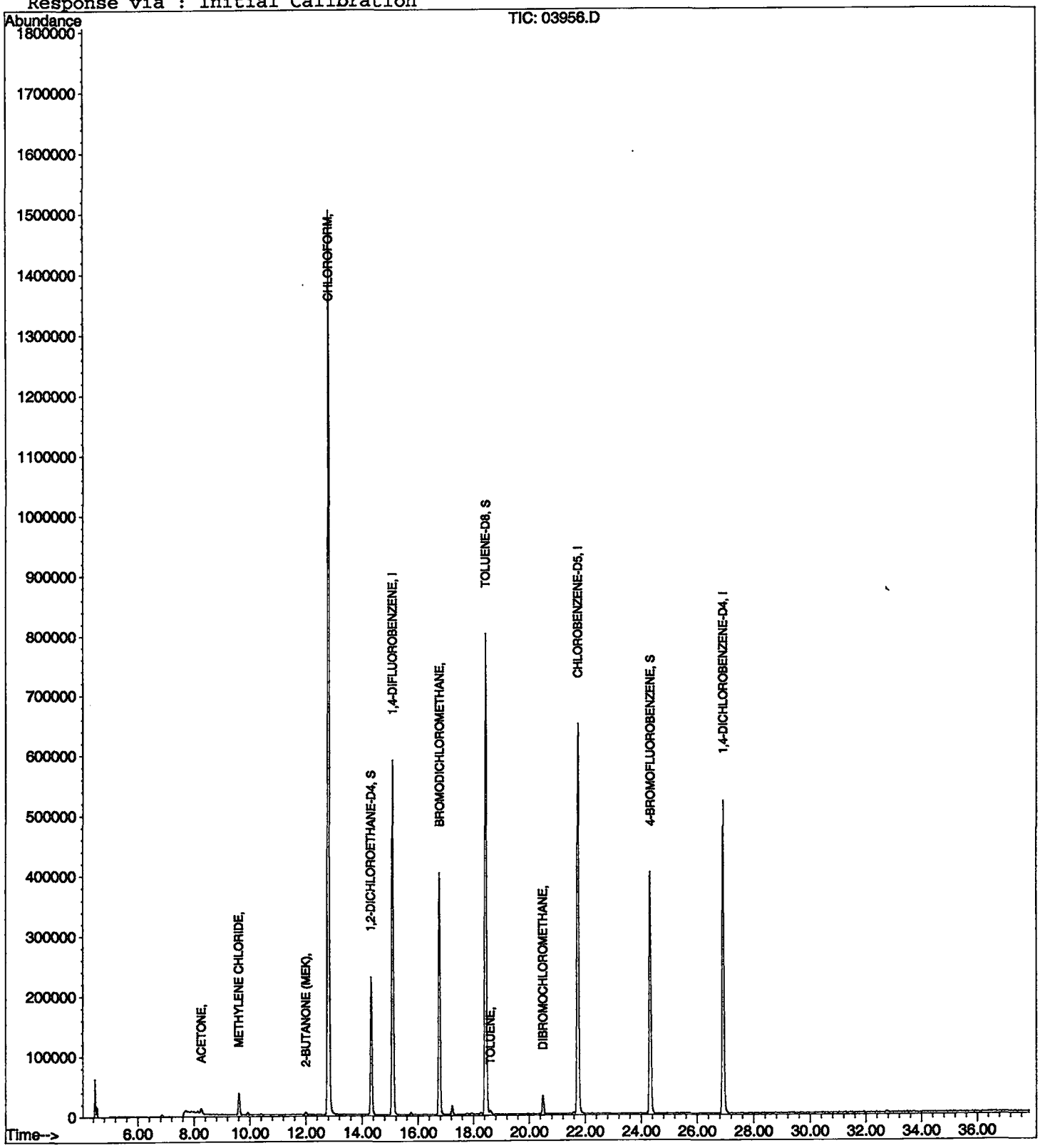
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	885790	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	831416	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	351737	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	314512	4.66	ug/L	-0.03
Spiked Amount 5.000			Recovery =	93.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	263048	3.95	ug/L	-0.03
Spiked Amount 5.000			Recovery =	79.00%		
25) TOLUENE-D8	18.44	98	1096792	5.32	ug/L	-0.03
Spiked Amount 5.000			Recovery =	106.40%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	26256	4.31	ug/L	93
14) METHYLENE CHLORIDE	9.60	49	45990	~~0.90 ug/L~~		95
18) 2-BUTANONE (MEK)	12.00	43	11610	0.82	ug/L	91
21) CHLOROFORM 36	12.80	83	2334524	36.10	ug/L	99
33) BROMODICHLOROMETHANE 12	16.77	83	544620	12.54	ug/L	98
37) TOLUENE	18.61	91	10986	~~0.09 ug/L~~		99
42) DIBROMOCHLOROMETHANE 1.6	20.50	129	39176	1.60	ug/L	99

(#) = qualifier out of range (m) = manual integration
03956.D HP021102.M Thu Feb 21 11:45:40 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03956.D Vial: 3
Acq On : 19 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 20:00 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 17:25:54 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03956.D Vial: 3
Acq On : 19 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

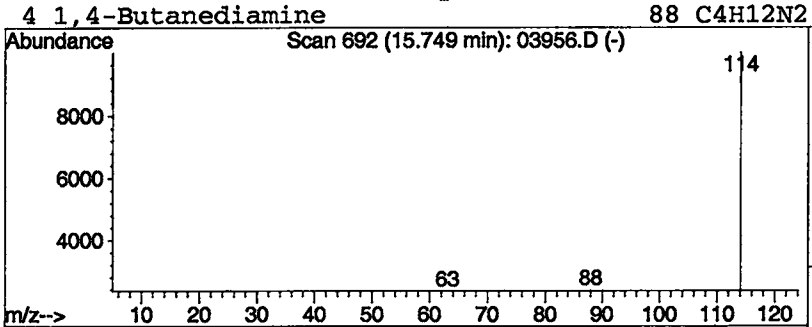
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

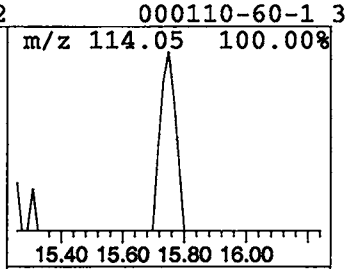
****

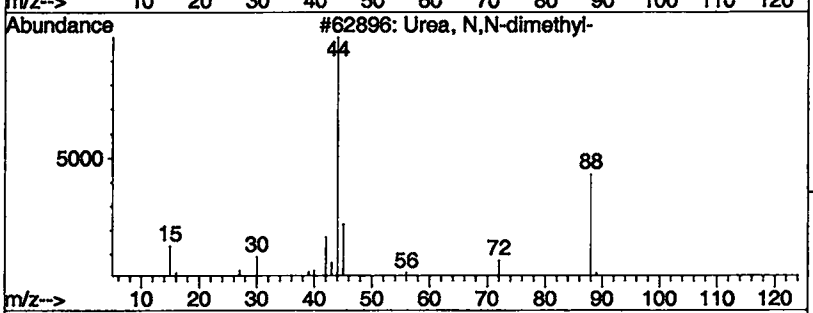
Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 6

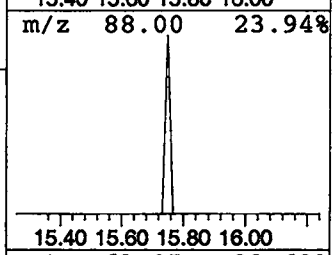
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	13345	1,4-DIFLUOROBENZENE	15.08

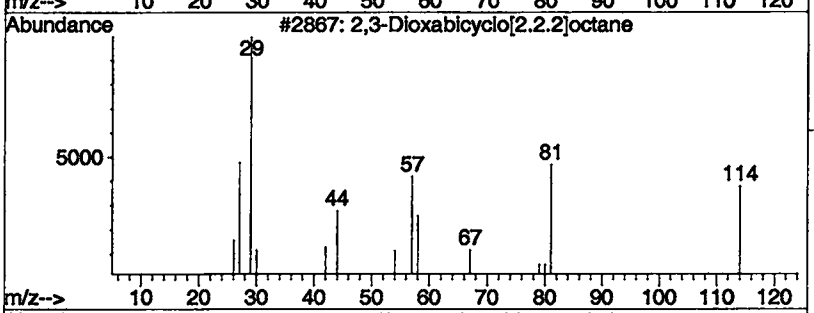
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	4
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	3

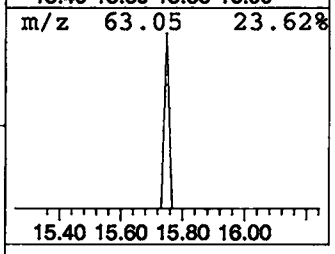


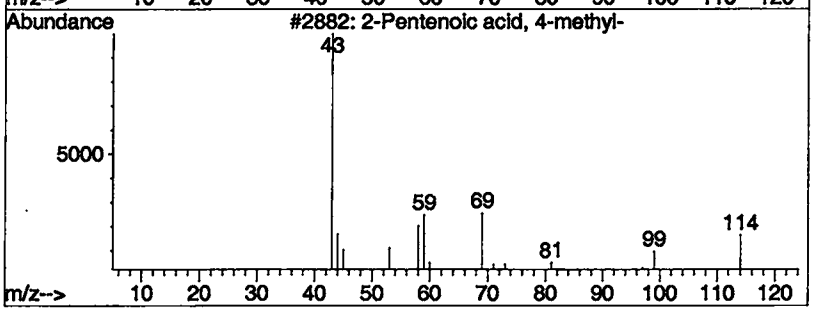












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03956.D Vial: 3
Acq On : 19 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

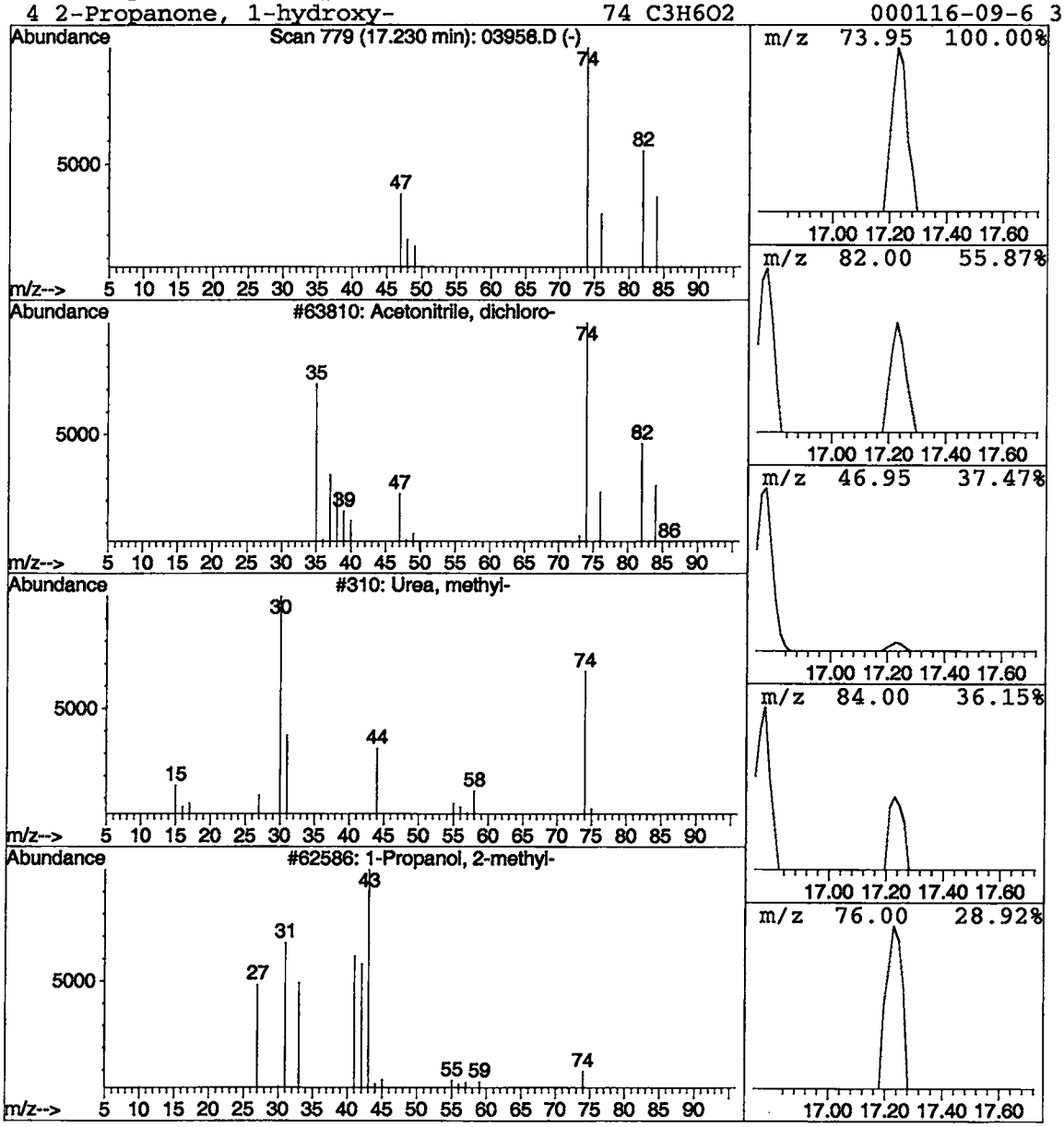
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.12 ug/L	51180	1,4-DIFLUOROBENZENE	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
2	Urea, methyl-	74	C2H6N2O	000598-50-5	4
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	3
4	2-Propanone, 1-hydroxy-	74	C3H6O2	000116-09-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:47:32

Sample: AE03957
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:08 Ended: 2/19/02 00:08 Analyst: BH
Result source: a:\03957.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		23		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		4.9		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:47:32

Sample: AE03957
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:08 Ended: 2/19/02 00:08 Analyst: BH
Result source: a:\03957.rr
Page: 2

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

Comments for Sample AE03957 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 15:13:59

Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.05ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03957.D Vial: 4
Acq On : 19 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 20:43 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

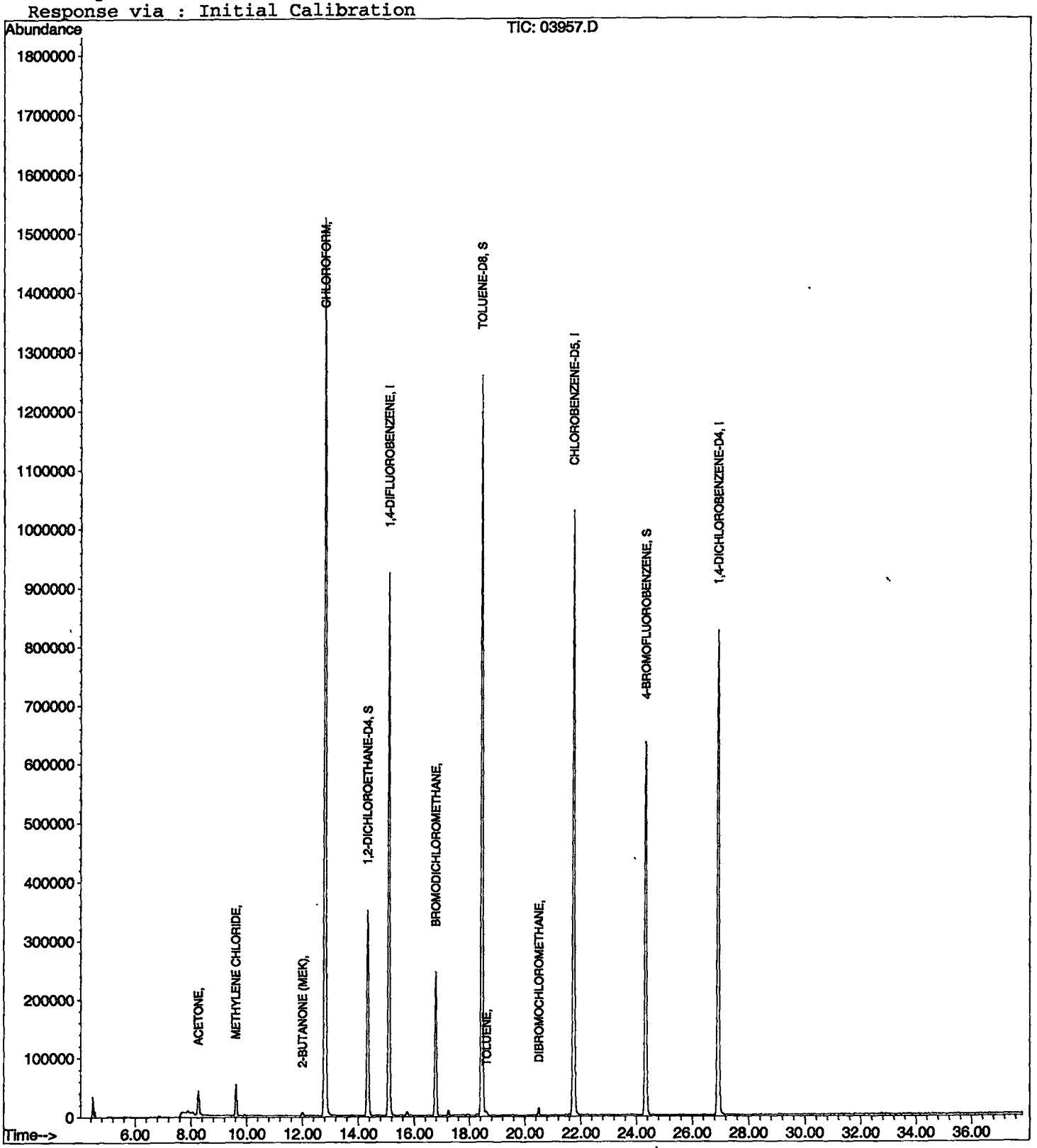
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1379732	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	1307979	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	552025	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	486155	4.63	ug/L	-0.03
Spiked Amount 5.000			Recovery =	92.60%		
3) 4-BROMOFLUOROBENZENE	24.33	174	415499	4.01	ug/L	-0.03
Spiked Amount 5.000			Recovery =	80.20%		
25) TOLUENE-D8	18.44	98	1707575	5.26	ug/L	-0.03
Spiked Amount 5.000			Recovery =	105.20%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	116516	12.28	ug/L	91
14) METHYLENE CHLORIDE	9.60	49	70243	~~0.88~~	ug/L	92
18) 2-BUTANONE (MEK)	12.00	43	18340	0.83	ug/L	99
21) CHLOROFORM	12.80	83	2354456	23.38	ug/L	98
33) BROMODICHLOROMETHANE	16.77	83	334393	4.89	ug/L	100
37) TOLUENE	18.61	91	11376	0.06	ug/L	93
42) DIBROMOCHLOROMETHANE	20.50	129	16895	0.44	ug/L	94

(#) = qualifier out of range (m) = manual integration
03957.D HP021702.M Tue Feb 19 20:43:20 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03957.D Vial: 4
Acq On : 19 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 20:43 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03957.D Vial: 4
Acq On : 19 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

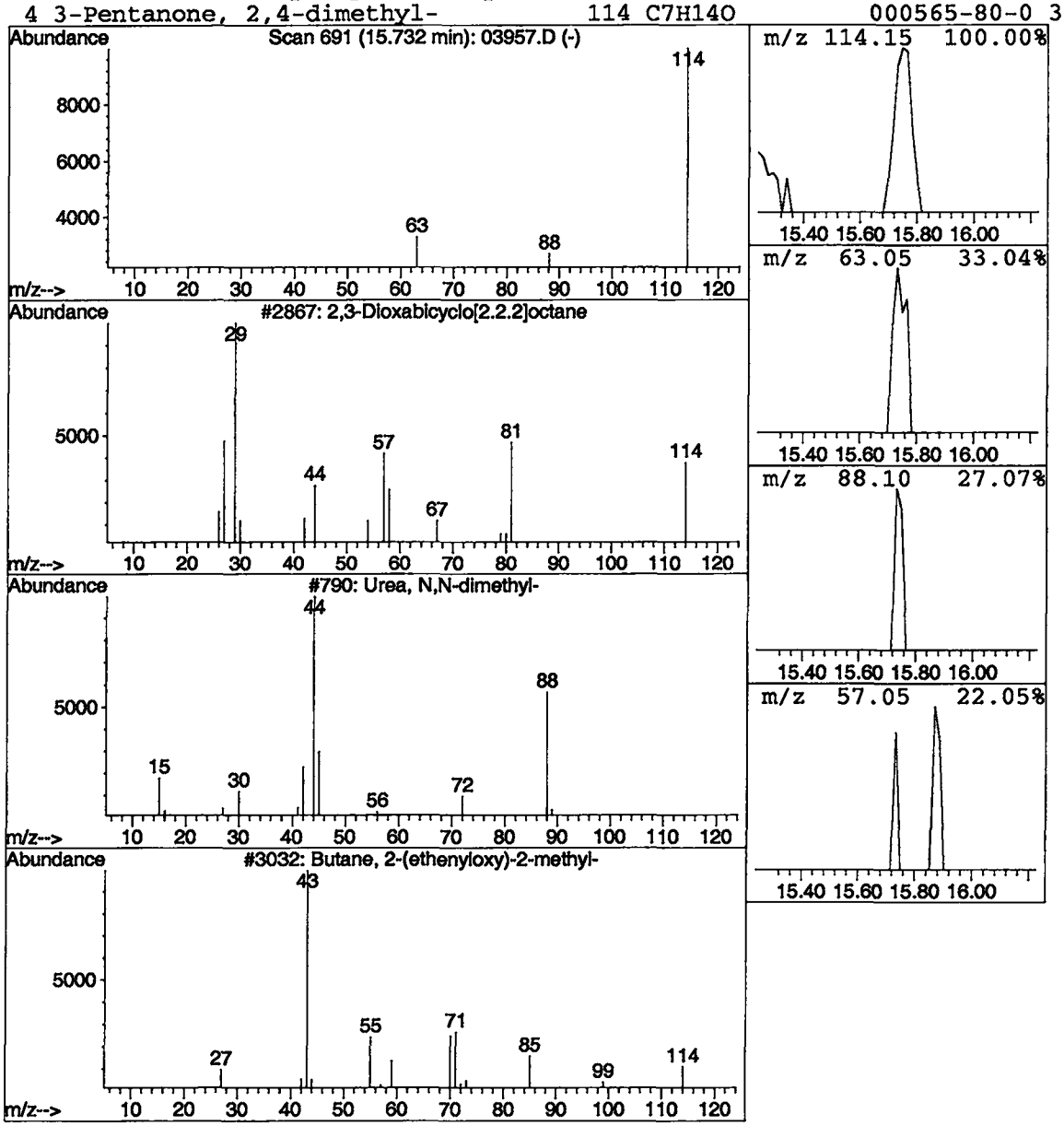
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	23841	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03957.D Vial: 4
Acq On : 19 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

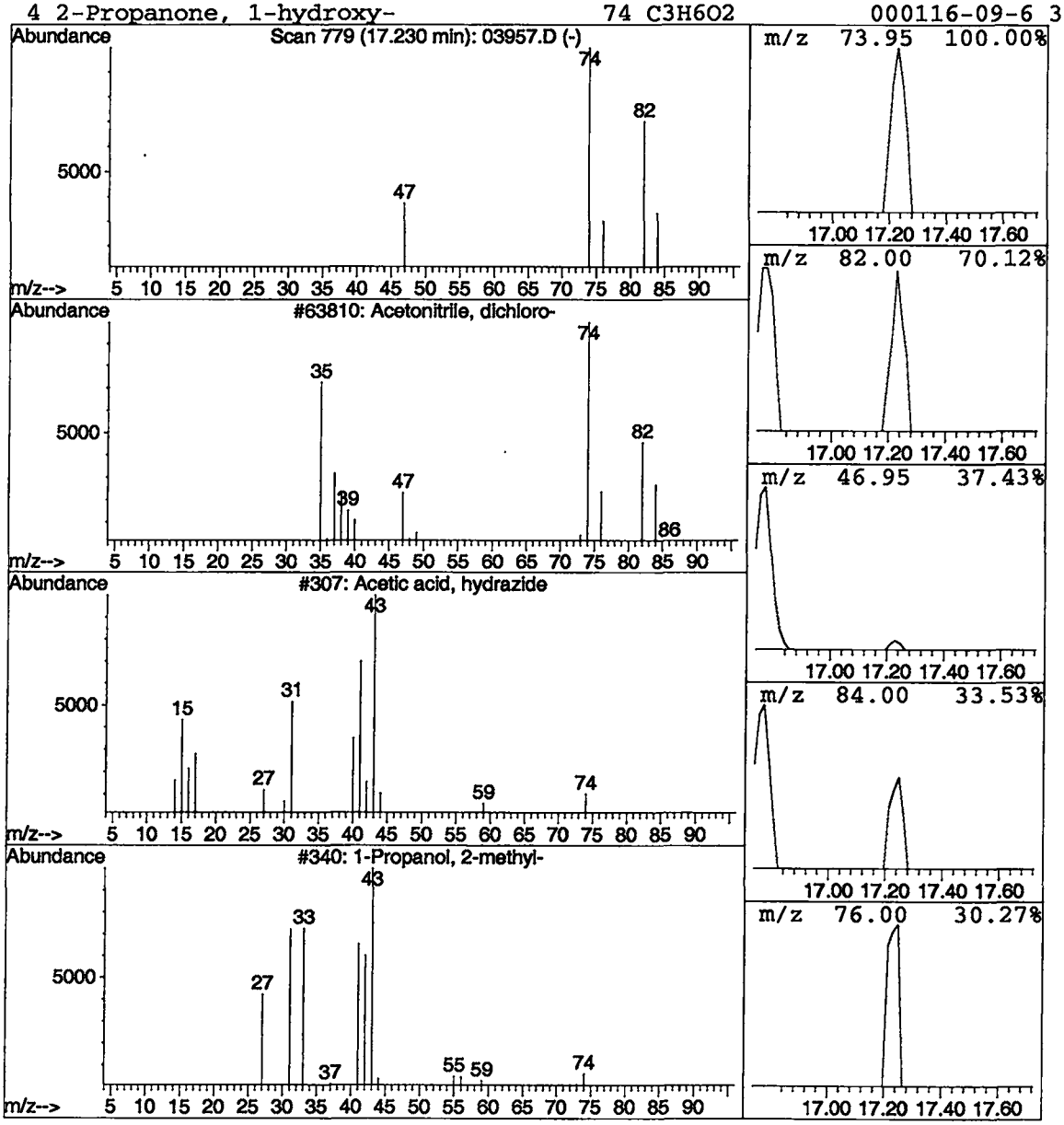
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.05 ug/L	32046	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	7
2	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	3
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	3
4	2-Propanone, 1-hydroxy-	74	C3H6O2	000116-09-6	3



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:50:07

Sample: AE03958
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/19/02 00:08 Ended: 02/19/02 00:08 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.0	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		13	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		3.0	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 3/4/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:50:07

Sample: AE03958
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/19/02 00:08 Ended: 02/19/02 00:08 Analyst: BH
Result source: manual entry
Page: 2

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

Comments for Sample AE03958 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 15:14:10

Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.02ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03958.D Vial: 5
Acq On : 19 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 21:25 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

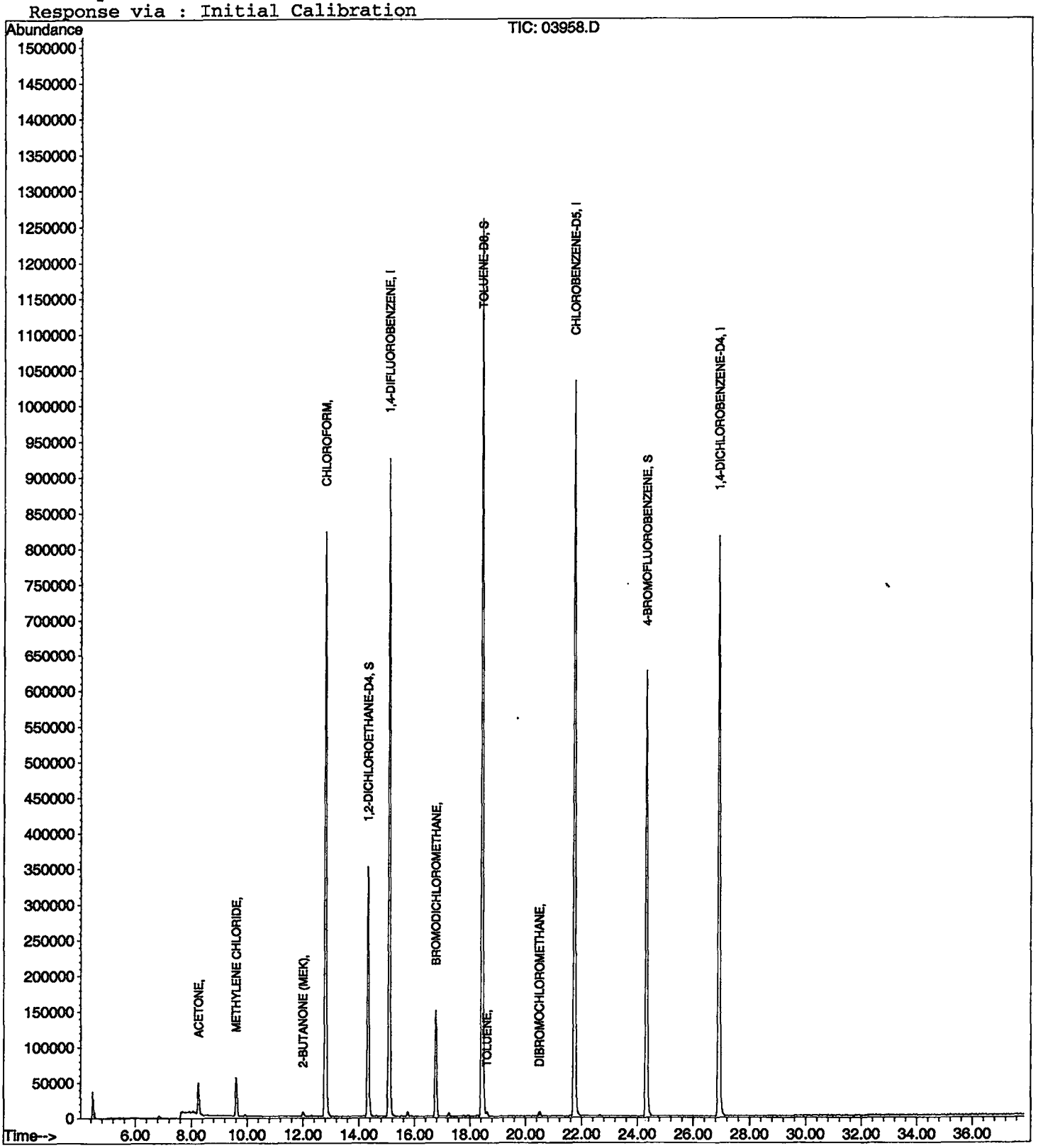
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1379219	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	1286140	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	541748	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	491822	4.68	ug/L	-0.03
Spiked Amount 5.000			Recovery = 93.60%			
3) 4-BROMOFLUOROBENZENE	24.33	174	412019	3.97	ug/L	-0.02
Spiked Amount 5.000			Recovery = 79.40%			
25) TOLUENE-D8	18.44	98	1690634	5.30	ug/L	-0.03
Spiked Amount 5.000			Recovery = 106.00%			
Target Compounds						Qvalue
12) ACETONE 14	8.26	43	127998	13.50	ug/L	91
14) METHYLENE CHLORIDE	9.60	49	68571	0.86	ug/L	93
18) 2-BUTANONE (MEK)	12.00	43	19272	0.88	ug/L	97
21) CHLOROFORM 13	12.80	83	1259086	12.51	ug/L	98
33) BROMODICHLOROMETHANE 3.0	16.77	83	199803	2.97	ug/L	98
37) TOLUENE	18.61	91	10423	0.05	ug/L	89
42) DIBROMOCHLOROMETHANE	20.50	129	10170	0.27	ug/L	88

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03958.D Vial: 5
Acq On : 19 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 21:25 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03958.D Vial: 5
Acq On : 19 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

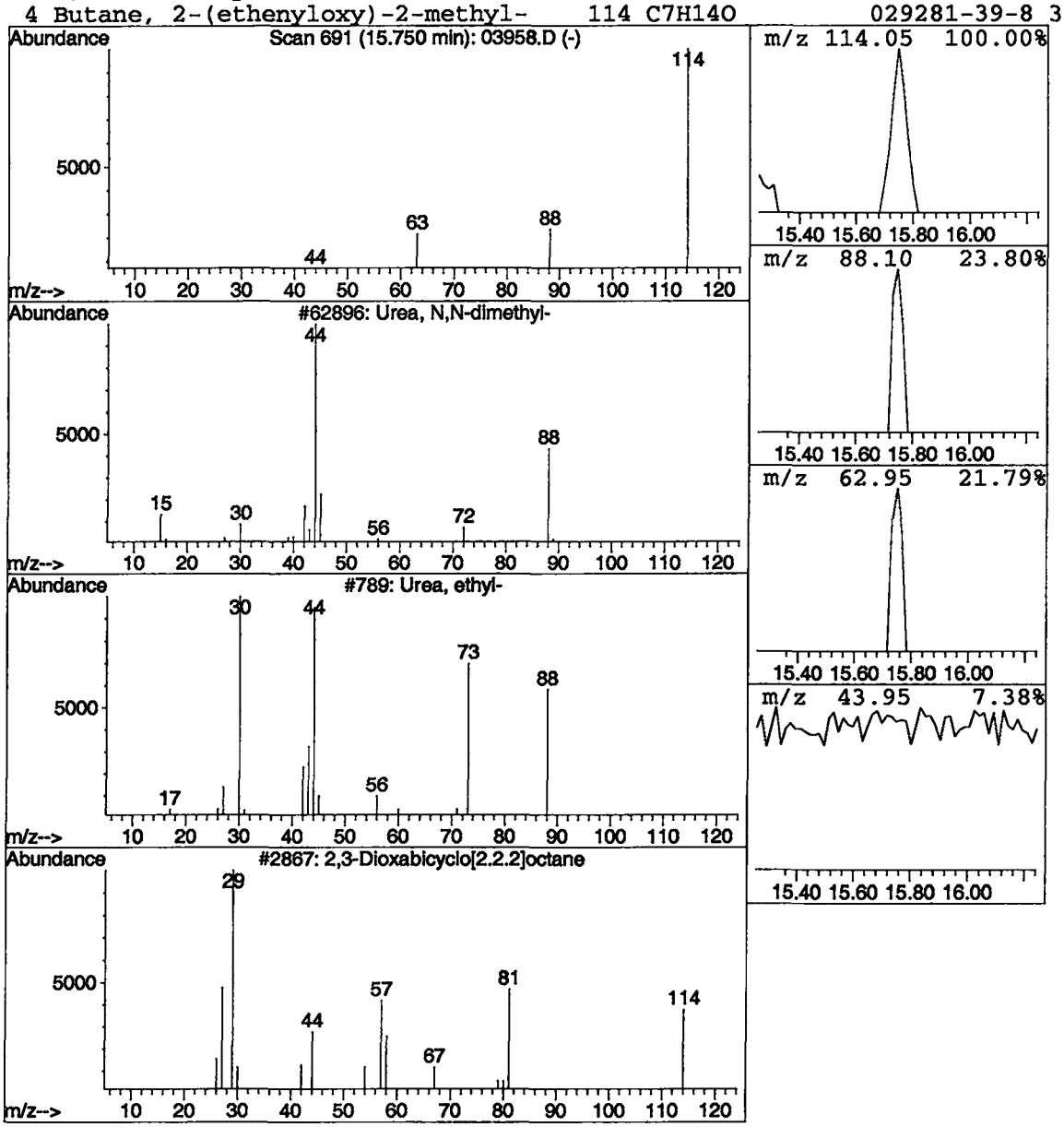
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.04 ug/L	26073	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03958.D Vial: 5
Acq On : 19 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

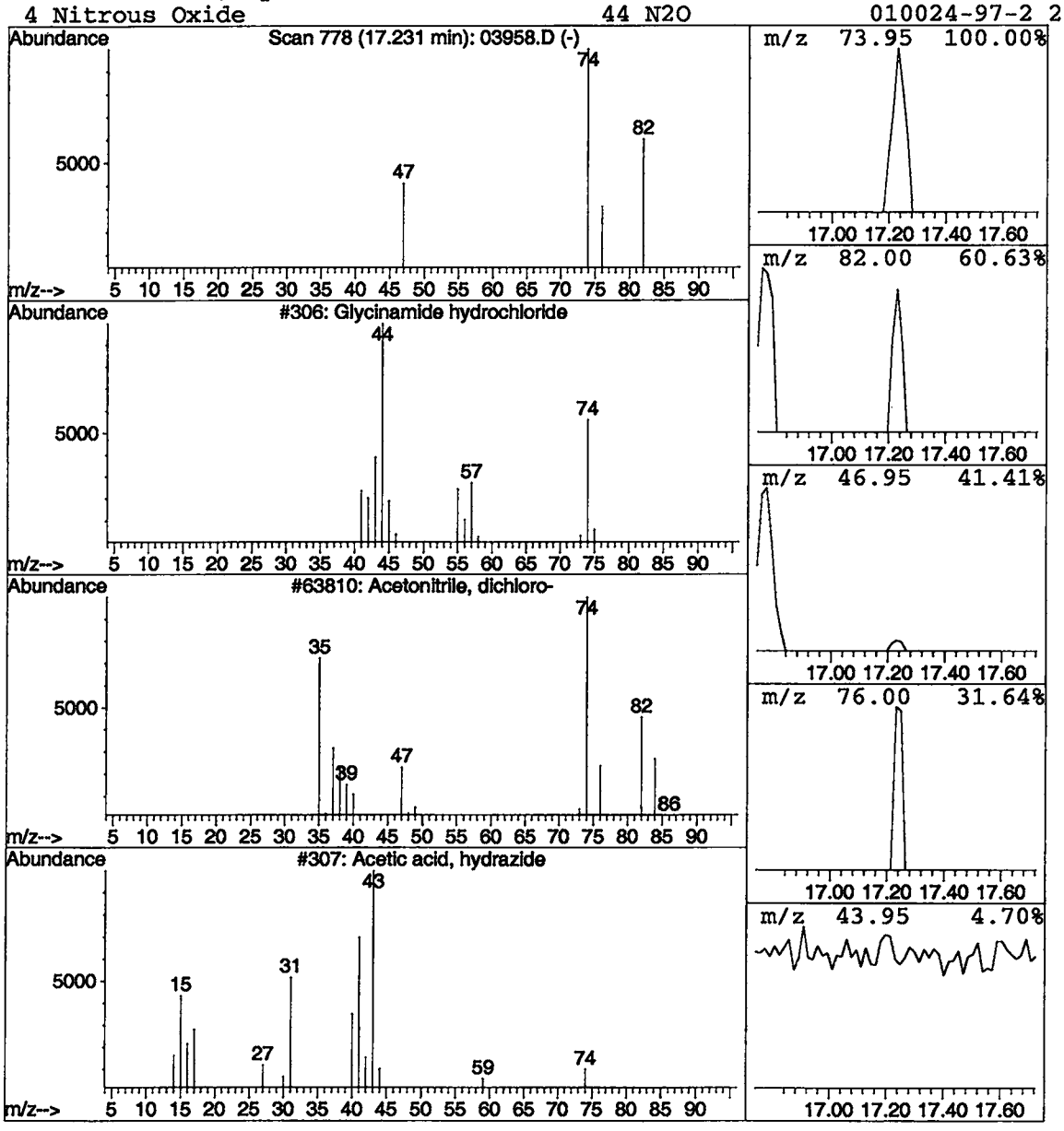
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Glycinamide hydrochloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	0.02 ug/L	16752	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycinamide hydrochloride	74	C2H6N2O	001668-10-6	4
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4
3	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	3
4	Nitrous Oxide	44	N2O	010024-97-2	2



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:50:16

Sample: AE03958 Raw diff
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 02/19/02 00:08 Ended: 02/19/02 00:08 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.20
2	Surr - 4-BROMOFLUOROBENZE		0.30
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		2.0/1.4 14%
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.10
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETH/		0.40/3.2 12%
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETH/		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:50:16

Sample: AE03958
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 02/19/02 00:08 Ended: 02/19/02 00:08 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
48	1,2,3-TRICHLOROPROPANE		< MDL
49	N-PROPYLBENZENE		< MDL
50	BROMOBENZENE		< MDL
51	1,3,5-TRIMETHYLBENZENE		< MDL
52	2-CHLOROTOLUENE		< MDL
53	4-CHLOROTOLUENE		< MDL
54	TERT-BUTYLBENZENE		< MDL
55	1,2,4-TRIMETHYLBENZENE		< MDL
56	SEC-BUTYLBENZENE		< MDL
57	P-ISOPROPYLTOLUENE		< MDL
58	1,3-DICHLOROBENZENE		< MDL
59	1,4-DICHLOROBENZENE		< MDL
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPROPA		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:01:21

Sample: AE03958
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 2/20/02 00:03 Ended: 2/20/02 00:03 Analyst: BH
Result source: a:\03958d.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		15		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		3.4		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:01:21

Sample: AE03958
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 2/20/02 00:03 Ended: 2/20/02 00:03 Analyst: BH
Result source: a:\03958d.rr
Page: 2

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

Comments for Sample AE03958 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 15:14:24

Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.03ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03958D.D Vial: 9
Acq On : 20 Feb 2002 3:29 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 16:07 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

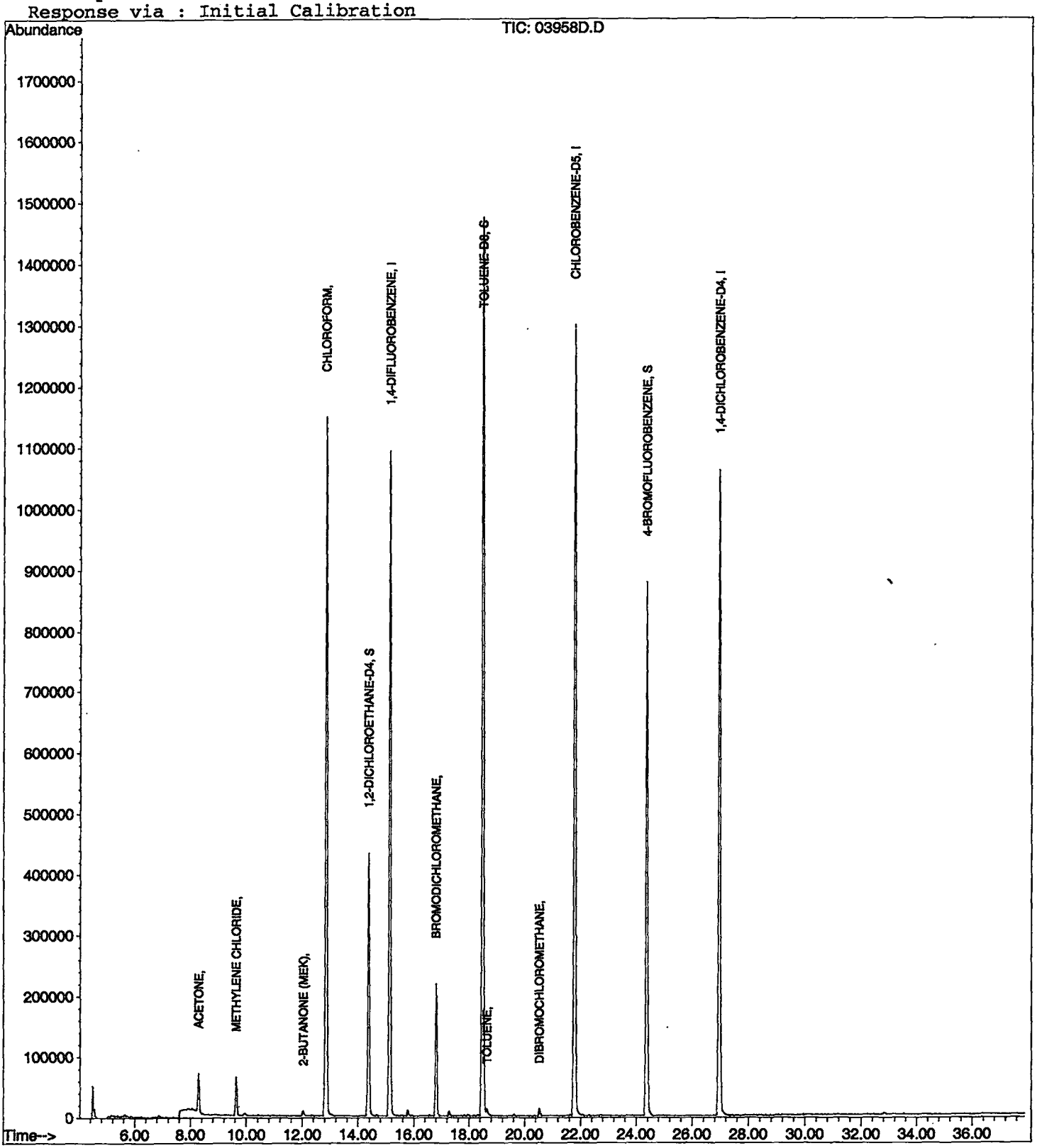
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1727200	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1656243	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	752583	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	590663	4.49	ug/L	0.02
Spiked Amount 5.000			Recovery	=	89.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	557688	4.30	ug/L	0.00
Spiked Amount 5.000			Recovery	=	86.00%	
25) TOLUENE-D8	18.49	98	2128117	5.18	ug/L	0.02
Spiked Amount 5.000			Recovery	=	103.60%	
Target Compounds						Qvalue
12) ACETONE 15	8.29	43	183071	15.42	ug/L	93
14) METHYLENE CHLORIDE	9.64	49	82763	~~0.83~~	~~ug/L~~	92
18) 2-BUTANONE (MEK)	12.04	43	23593	~~0.86~~	~~ug/L~~	92
21) CHLOROFORM 15	12.84	83	1848160	14.66	ug/L	98
33) BROMODICHLOROMETHANE 3.4	16.81	83	296089	3.42	ug/L	100
37) TOLUENE	18.64	91	17305	0.07	ug/L	100
42) DIBROMOCHLOROMETHANE .52	20.53	129	15704	0.32	ug/L	98

(#) = qualifier out of range (m) = manual integration
03958D.D HP021702.M Wed Feb 20 16:08:03 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03958D.D Vial: 9
Acq On : 20 Feb 2002 3:29 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 16:07 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03958D.D Vial: 9
Acq On : 20 Feb 2002 3:29 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

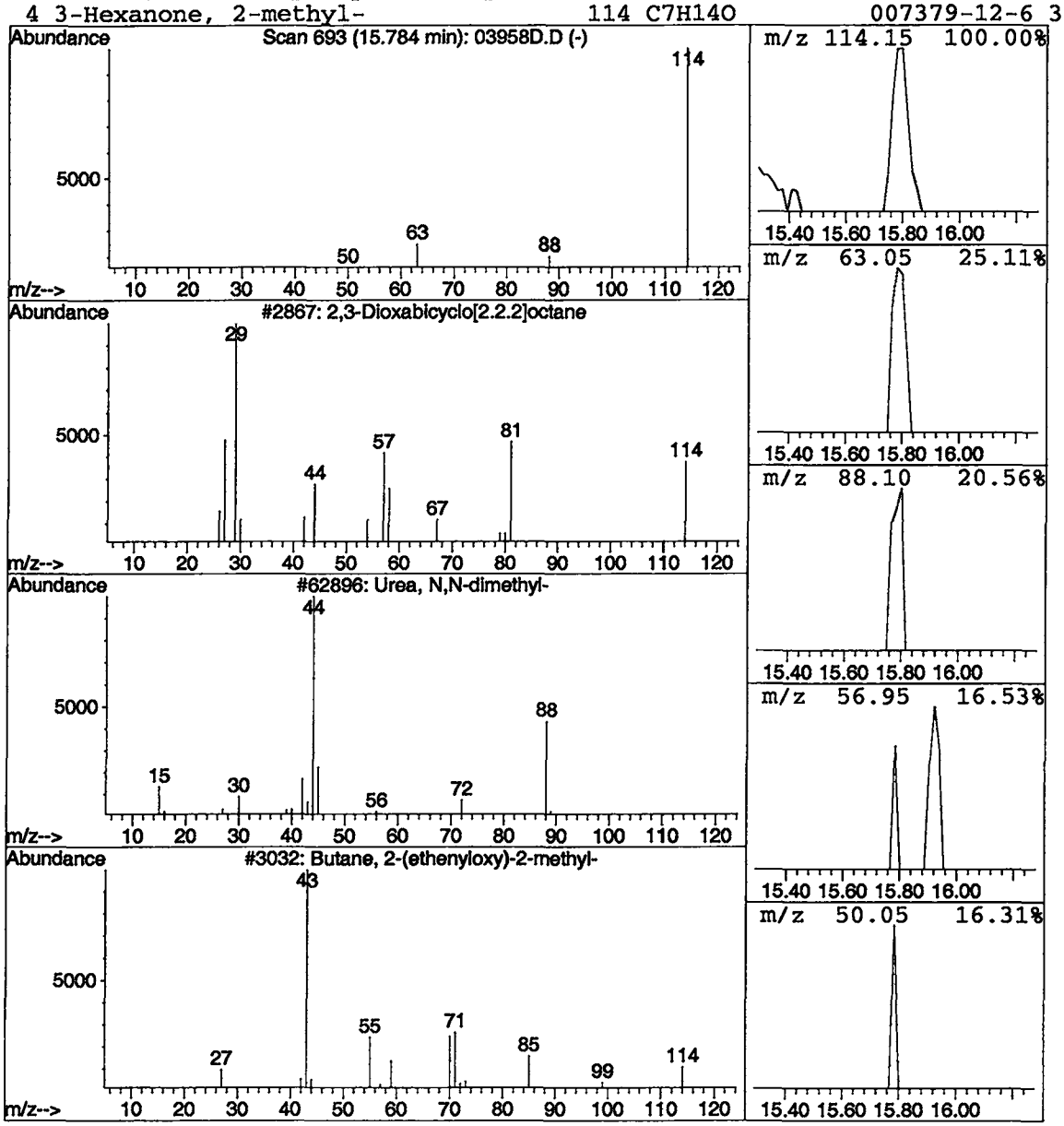
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.04 ug/L	31629	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03958D.D Vial: 9
Acq On : 20 Feb 2002 3:29 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

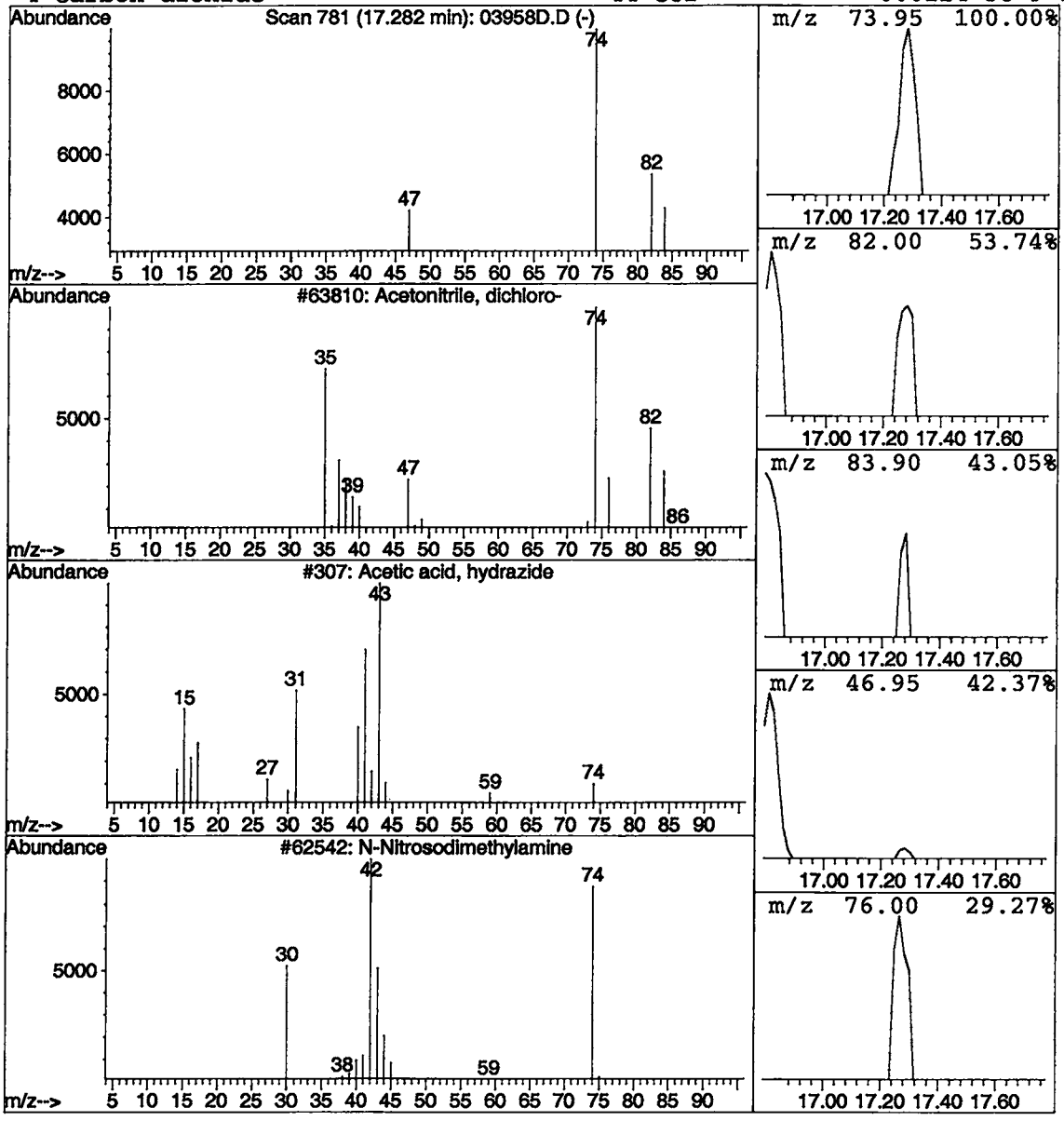
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	0.03 ug/L	27167	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4
2	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	3
3	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2
4	Carbon dioxide	44	CO2	000124-38-9	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:51:55

Sample: AE03960
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:00 Ended: 2/19/02 00:00 Analyst: BH
Result source: a:\03960.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		24		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		8.2		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:51:55

Sample: AE03960
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:00 Ended: 2/19/02 00:00 Analyst: BH
Result source: a:\03960.rr
Page: 2

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

Comments for Sample AE03960 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 15:14:35

Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.07ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03960.D Vial: 7
Acq On : 19 Feb 2002 10:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 22:52 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1372942	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	1305281	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	555820	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	495478	4.74	ug/L	-0.03
Spiked Amount 5.000			Recovery = 94.80%			
3) 4-BROMOFLUOROBENZENE	24.33	174	425576	4.12	ug/L	-0.02
Spiked Amount 5.000			Recovery = 82.40%			
25) TOLUENE-D8	18,44	98	1690482	5.22	ug/L	-0.03
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	37735	4.00	ug/L	95
14) METHYLENE CHLORIDE	9.60	49	68037	0.86	ug/L	95
18) 2-BUTANONE (MEK)	12.00	43	18134	0.83	ug/L	95
21) CHLOROFORM	12.80	83	2412941	24.08	ug/L	97
33) BROMODICHLOROMETHANE	16.77	83	560202	8.22	ug/L	99
42) DIBROMOCHLOROMETHANE	20.50	129	38141	0.99	ug/L	96

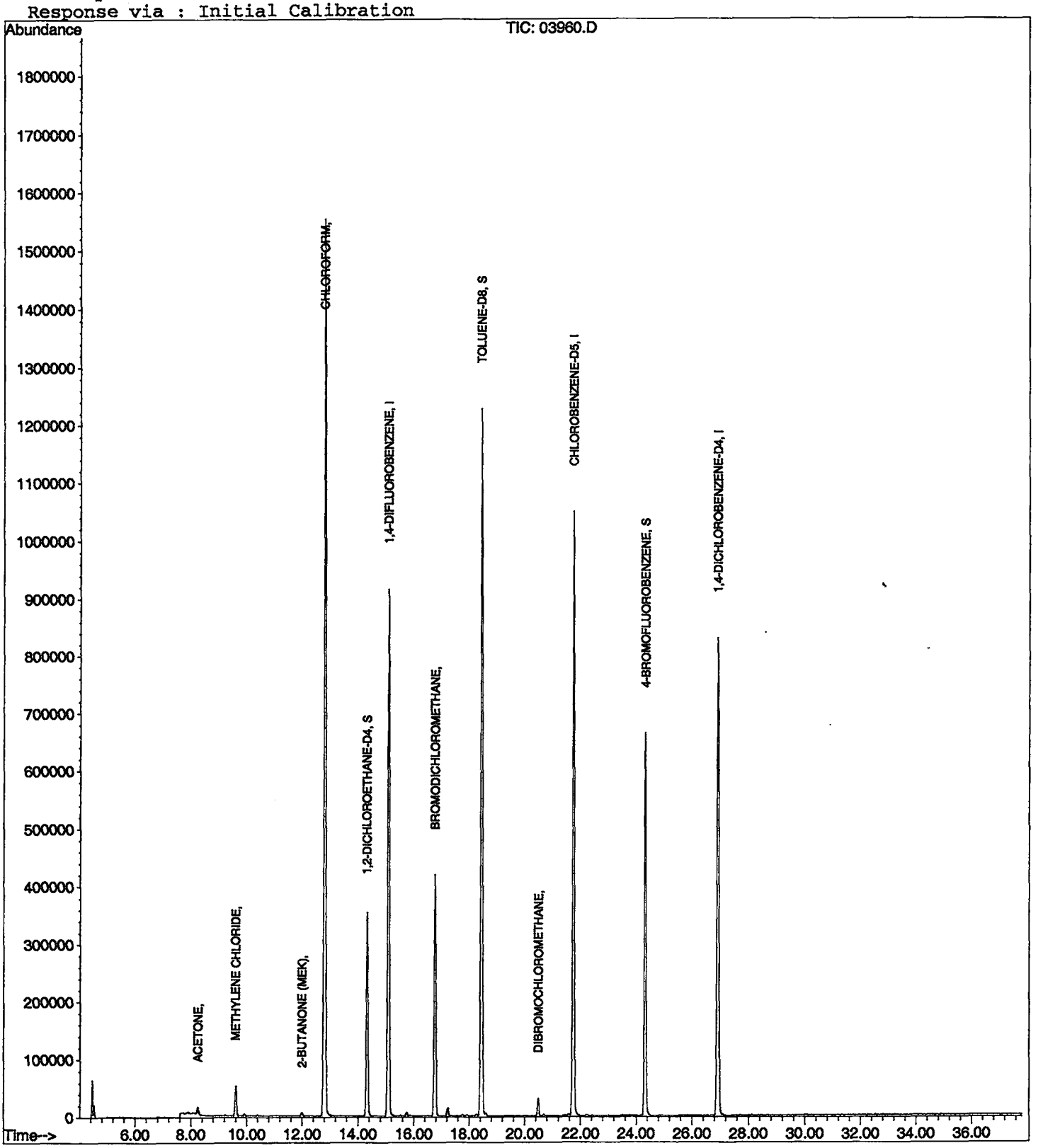
24
8.2

(#) = qualifier out of range (m) = manual integration
03960.D HP021702.M Tue Feb 19 22:52:29 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03960.D Vial: 7
Acq On : 19 Feb 2002 10:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 22:52 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03960.D Vial: 7
Acq On : 19 Feb 2002 10:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

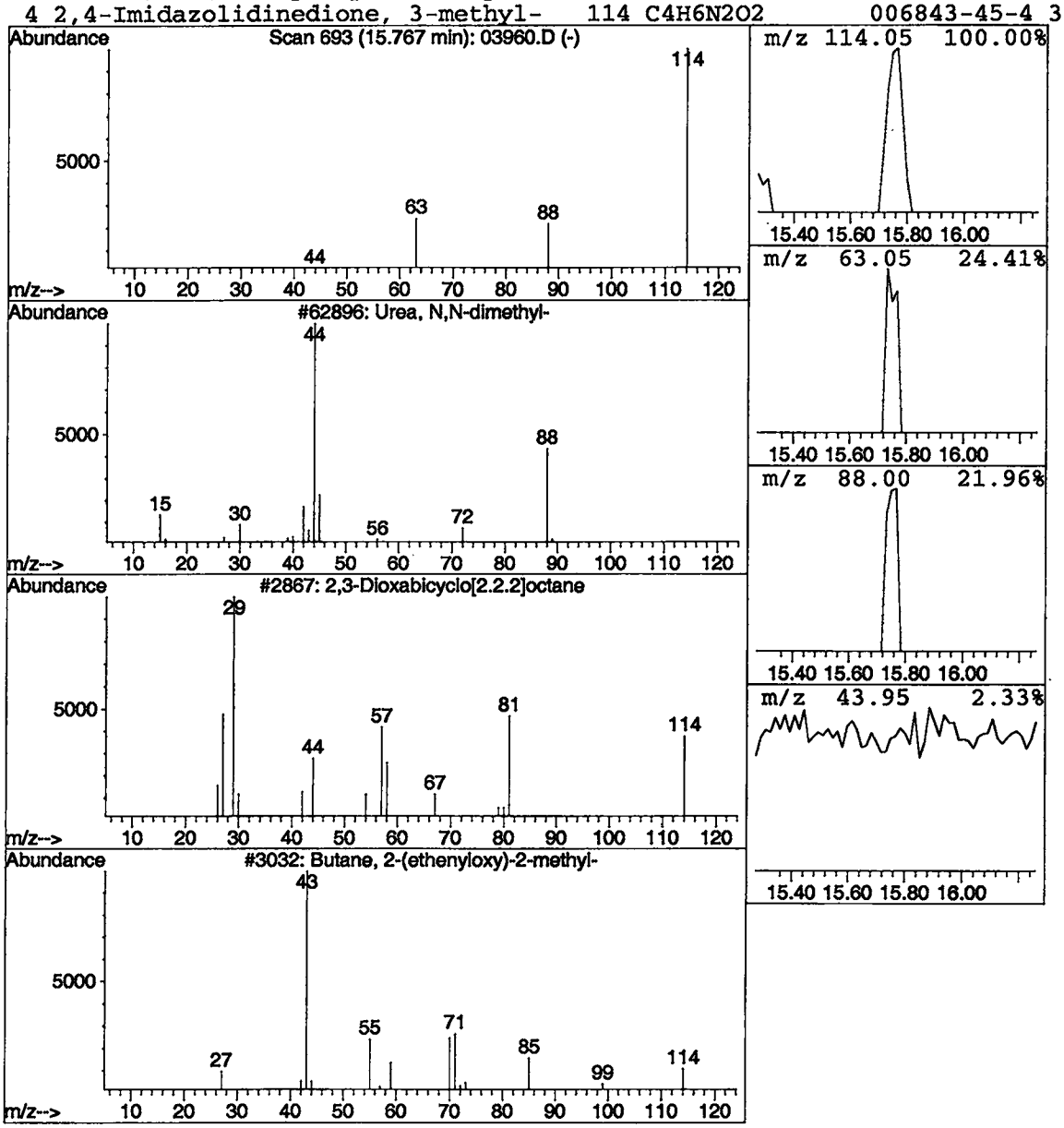
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	22269	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03960.D Vial: 7
Acq On : 19 Feb 2002 10:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

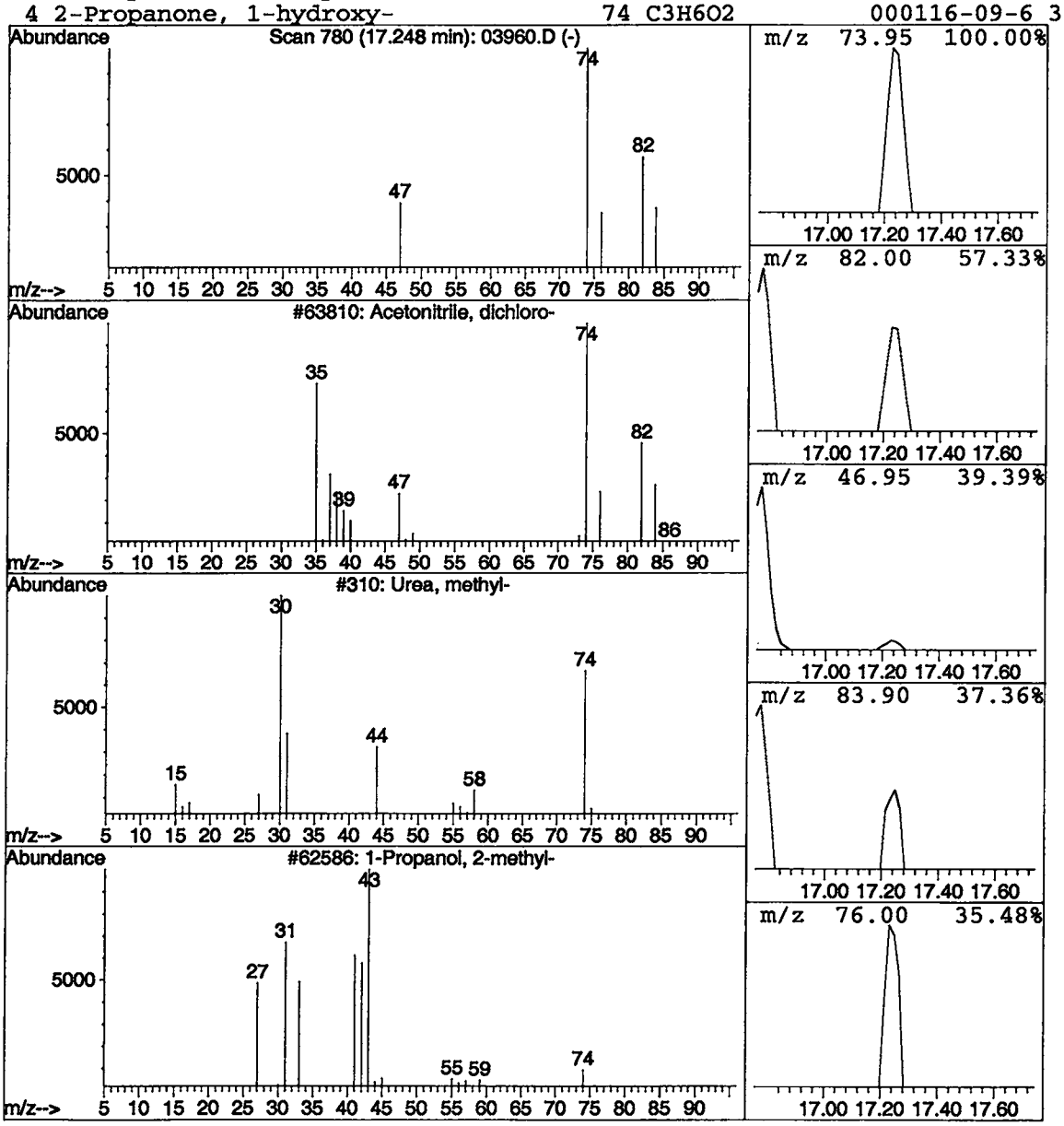
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	0.07 ug/L	51426	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	39
2	Urea, methyl-	74	C2H6N2O	000598-50-5	4
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	3
4	2-Propanone, 1-hydroxy-	74	C3H6O2	000116-09-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:55:36

Sample: AE03961
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:00 Ended: 2/19/02 00:00 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		9.1		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		2.3		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:55:36

Sample: AE03961
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:00 Ended: 2/19/02 00:00 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03961.D Vial: 8
Acq On : 19 Feb 2002 10:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 23:35 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

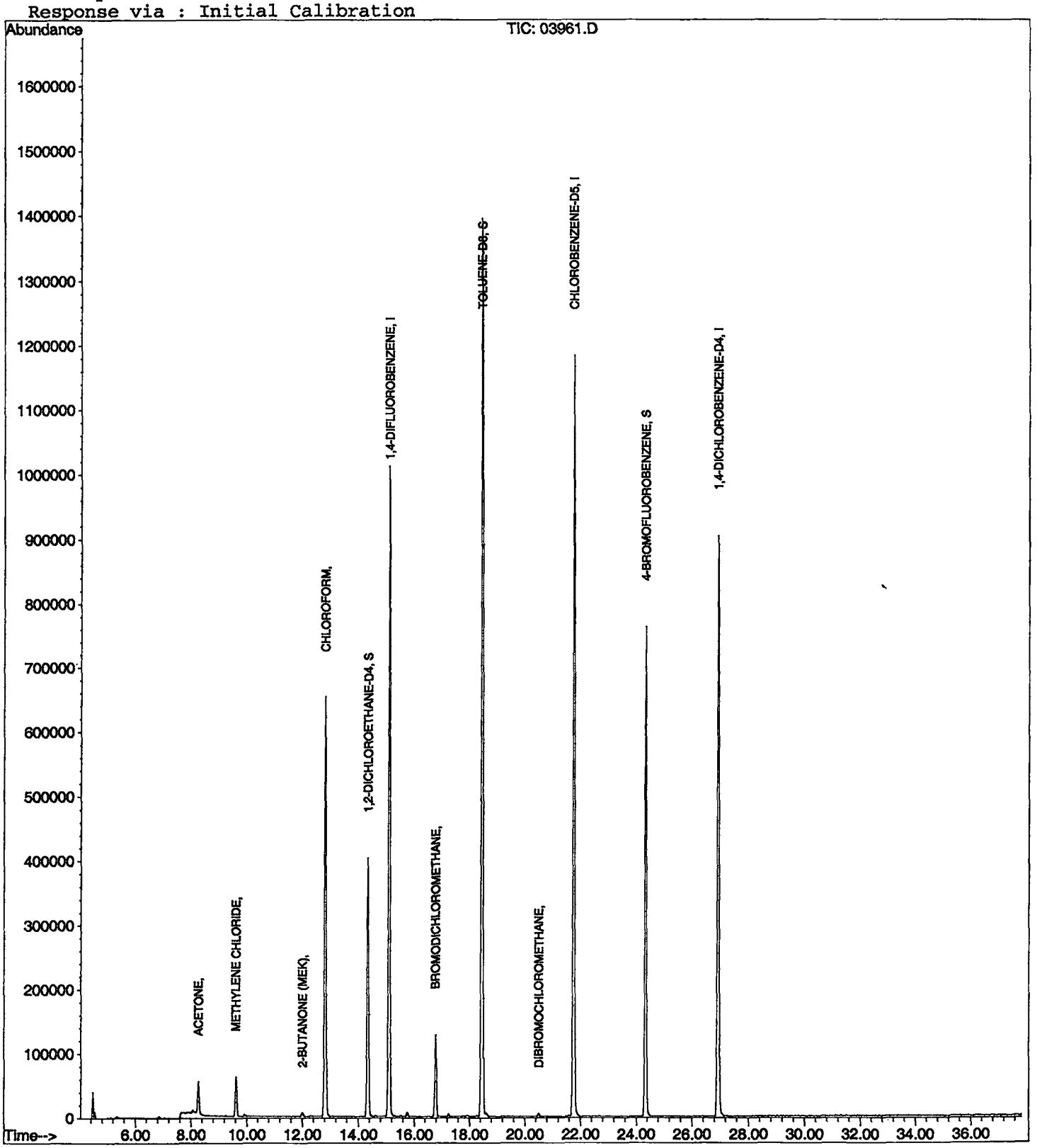
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1555002	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1456598	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	615724	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	566847	4.79	ug/L	-0.01
Spiked Amount 5.000			Recovery =	95.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	468765	4.01	ug/L	-0.02
Spiked Amount 5.000			Recovery =	80.20%		
25) TOLUENE-D8	18.44	98	1911690	5.29	ug/L	-0.03
Spiked Amount 5.000			Recovery =	105.80%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	141730	13.26	ug/L	91
14) METHYLENE CHLORIDE	9.60	49	78800	0.88	ug/L	96
18) 2-BUTANONE (MEK)	12.00	43	21674	0.87	ug/L	88
21) CHLOROFORM	12.80	83	1027745	9.05	ug/L	98
33) BROMODICHLOROMETHANE	16.77	83	173520	2.28	ug/L	94
42) DIBROMOCHLOROMETHANE	20.50	129	9069	0.21	ug/L	99

(#) = qualifier out of range (m) = manual integration
03961.D HP021702.M Tue Feb 19 23:35:22 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03961.D Vial: 8
Acq On : 19 Feb 2002 10:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 23:35 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03961.D Vial: 8
Acq On : 19 Feb 2002 10:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

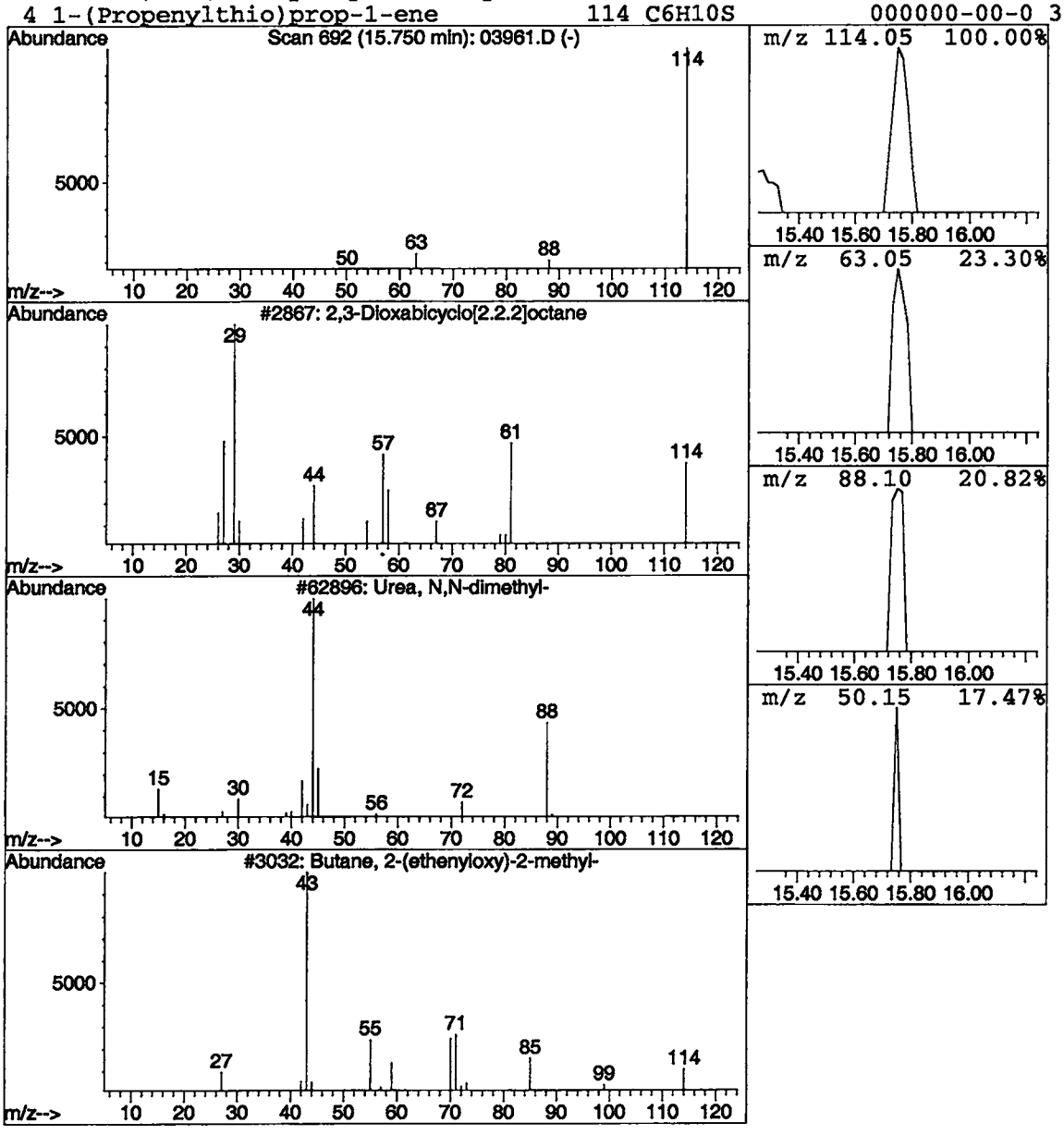
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.04 ug/L	27118	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:58:55

Sample: AE03963
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:01 Ended: 2/19/02 00:01 Analyst: BH
Result source: a:\03963.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		26		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		5.2		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 11:58:55

Sample: AE03963
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/19/02 00:01 Ended: 2/19/02 00:01 Analyst: BH
Result source: a:\03963.rr
Page: 2

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

Comments for Sample AE03963 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 15:14:54

Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.05ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03963.D Vial: 9
Acq On : 19 Feb 2002 11:40 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 0:18 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

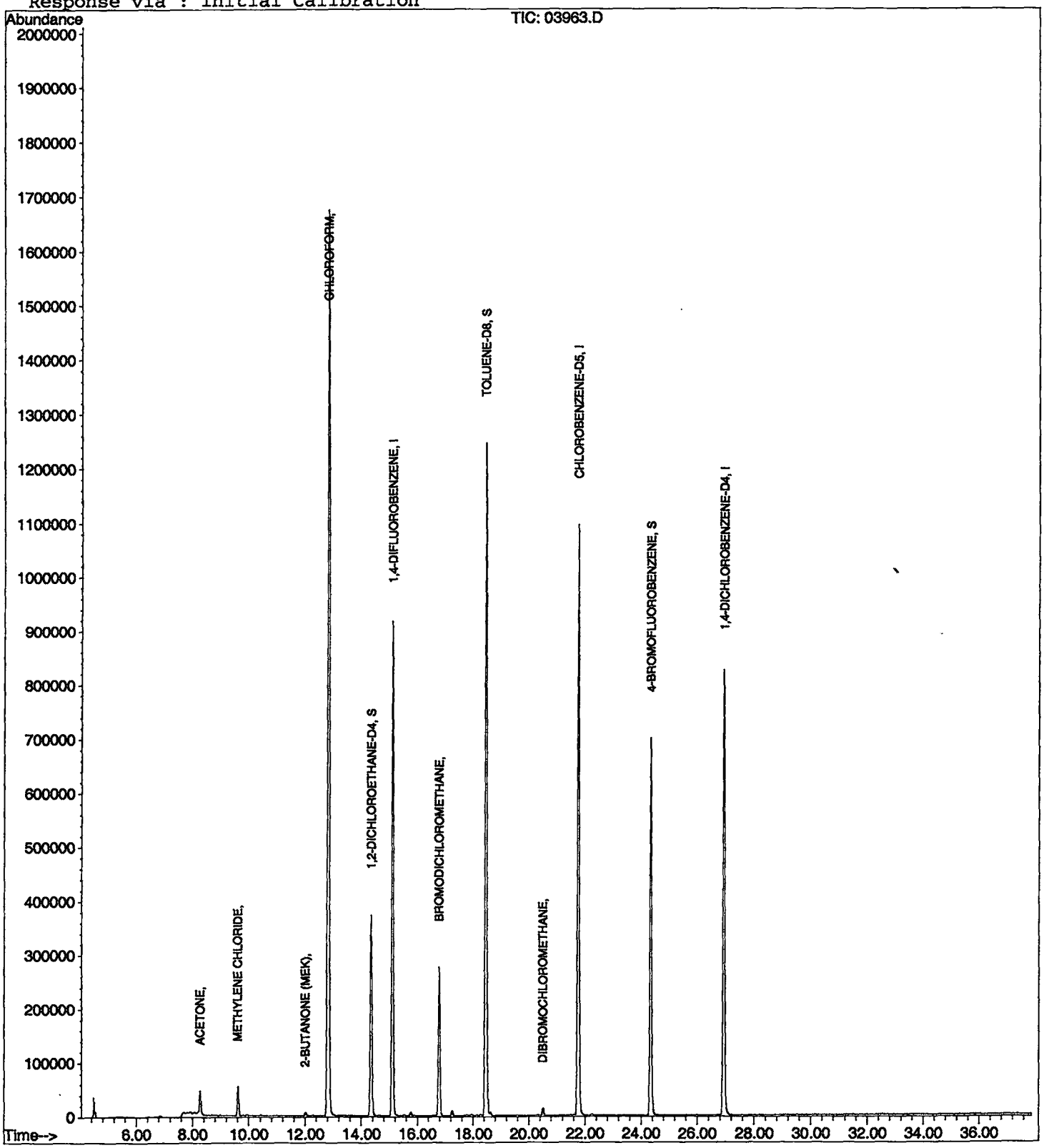
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1422223	5.00	ug/L	-0.01
24) CHLOROBENZENE-D5	21.74	117	1351941	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	570396	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	510119	4.71	ug/L	-0.01
Spiked Amount 5.000			Recovery =	94.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	431371	4.04	ug/L	-0.03
Spiked Amount 5.000			Recovery =	80.80%		
25) TOLUENE-D8	18.44	98	1763600	5.26	ug/L	-0.03
Spiked Amount 5.000			Recovery =	105.20%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	121087	12.38	ug/L	93
14) METHYLENE CHLORIDE	9.60	49	71835	0.87	ug/L	95
18) 2-BUTANONE (MEK)	12.00	43	19529	0.86	ug/L	94
21) CHLOROFORM	12.80	83	2681374	25.83	ug/L	99
33) BROMODICHLOROMETHANE	16.77	83	368541	5.22	ug/L	99
42) DIBROMOCHLOROMETHANE	20.50	129	17248	0.43	ug/L	91

(#) = qualifier out of range (m) = manual integration
03963.D HP021702.M Wed Feb 20 00:18:54 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03963.D Vial: 9
Acq On : 19 Feb 2002 11:40 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 0:18 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03963.D Vial: 9
Acq On : 19 Feb 2002 11:40 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

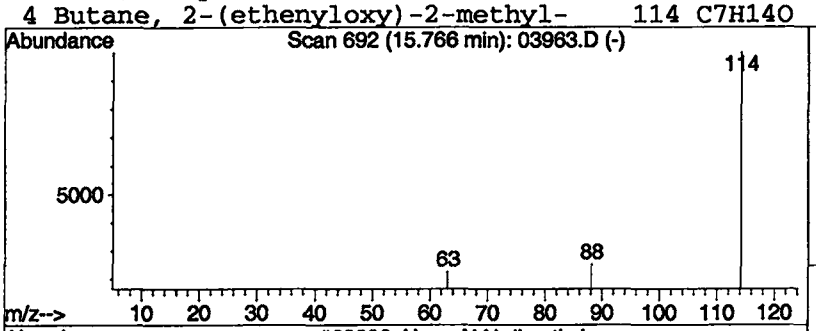
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

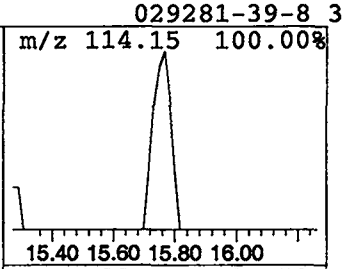
****

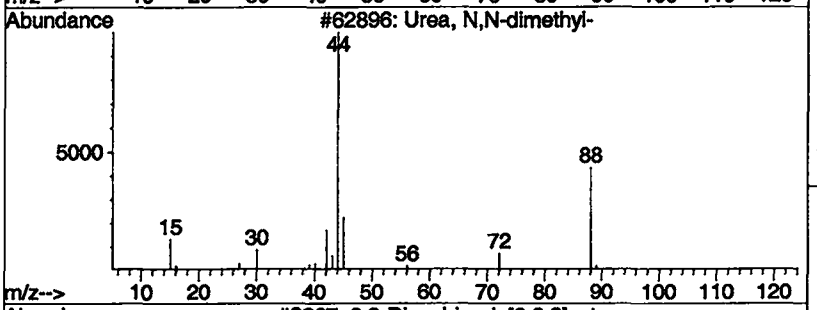
Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 1

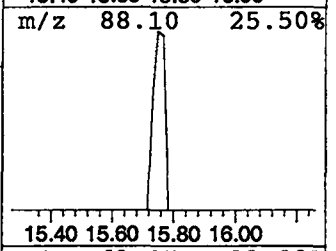
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	25706	1,4-DIFLUOROBENZENE	15.10

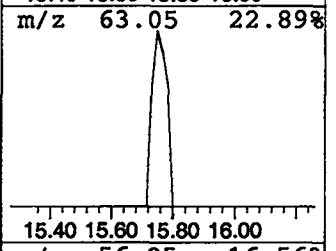
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3

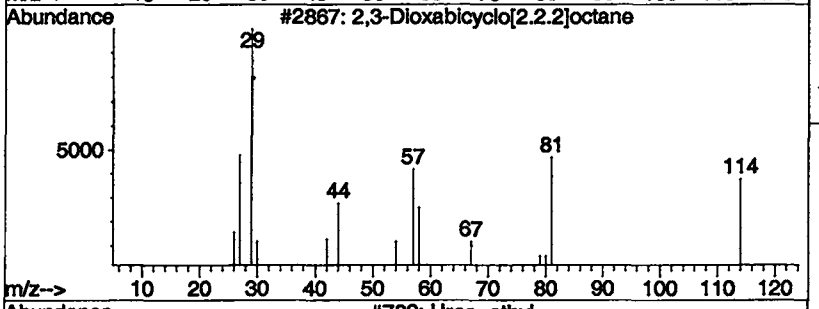


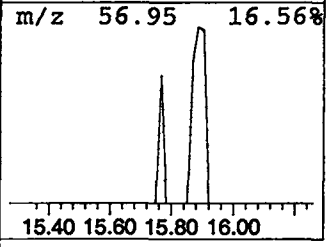


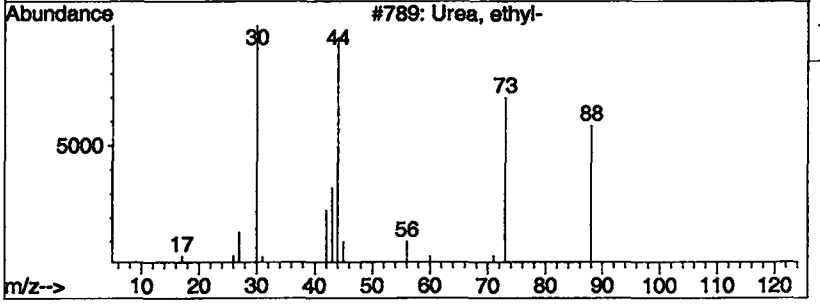












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03963.D Vial: 9
Acq On : 19 Feb 2002 11:40 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

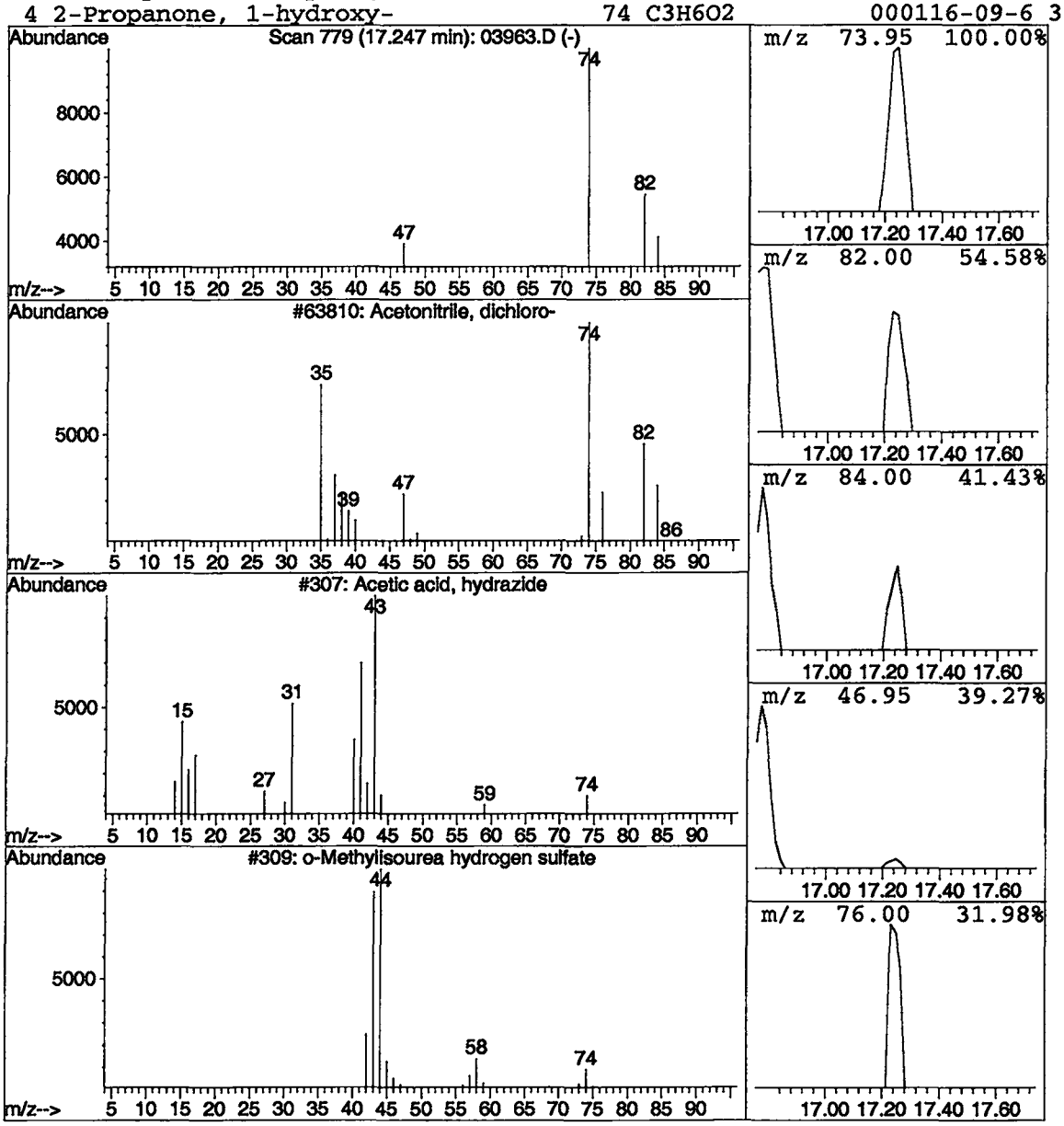
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	0.05 ug/L	35774	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	47
2	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	3
3	o-Methylisourea hydrogen sulfate	74	C2H6N2O	029427-58-5	3
4	2-Propanone, 1-hydroxy-	74	C3H6O2	000116-09-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:00:10

Sample: AE03964
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:02 Ended: 2/20/02 00:02 Analyst: BH
Result source: a:\03964.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY QV
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:00:10

Sample: AE03964
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:02 Ended: 2/20/02 00:02 Analyst: BH
Result source: a:\03964.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03964.D Vial: 10
Acq On : 20 Feb 2002 12:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 1:02 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1339324	5.00	ug/L	-0.01
24) CHLOROBENZENE-D5	21.74	117	1244599	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	536424	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	480424	4.71	ug/L	-0.01
Spiked Amount 5.000			Recovery = 94.20%			
3) 4-BROMOFLUOROBENZENE	24.33	174	405273	4.03	ug/L	-0.02
Spiked Amount 5.000			Recovery = 80.60%			
25) TOLUENE-D8	18.46	98	1637478	5.31	ug/L	-0.02
Spiked Amount 5.000			Recovery = 106.20%			
Target Compounds						Qvalue
12) ACETONE 14	8.26	43	125118	13.59	ug/L	96
14) METHYLENE CHLORIDE	9.62	49	66406	0.86	ug/L	96
18) 2-BUTANONE (MEK)	12.00	43	17254	0.81	ug/L	97

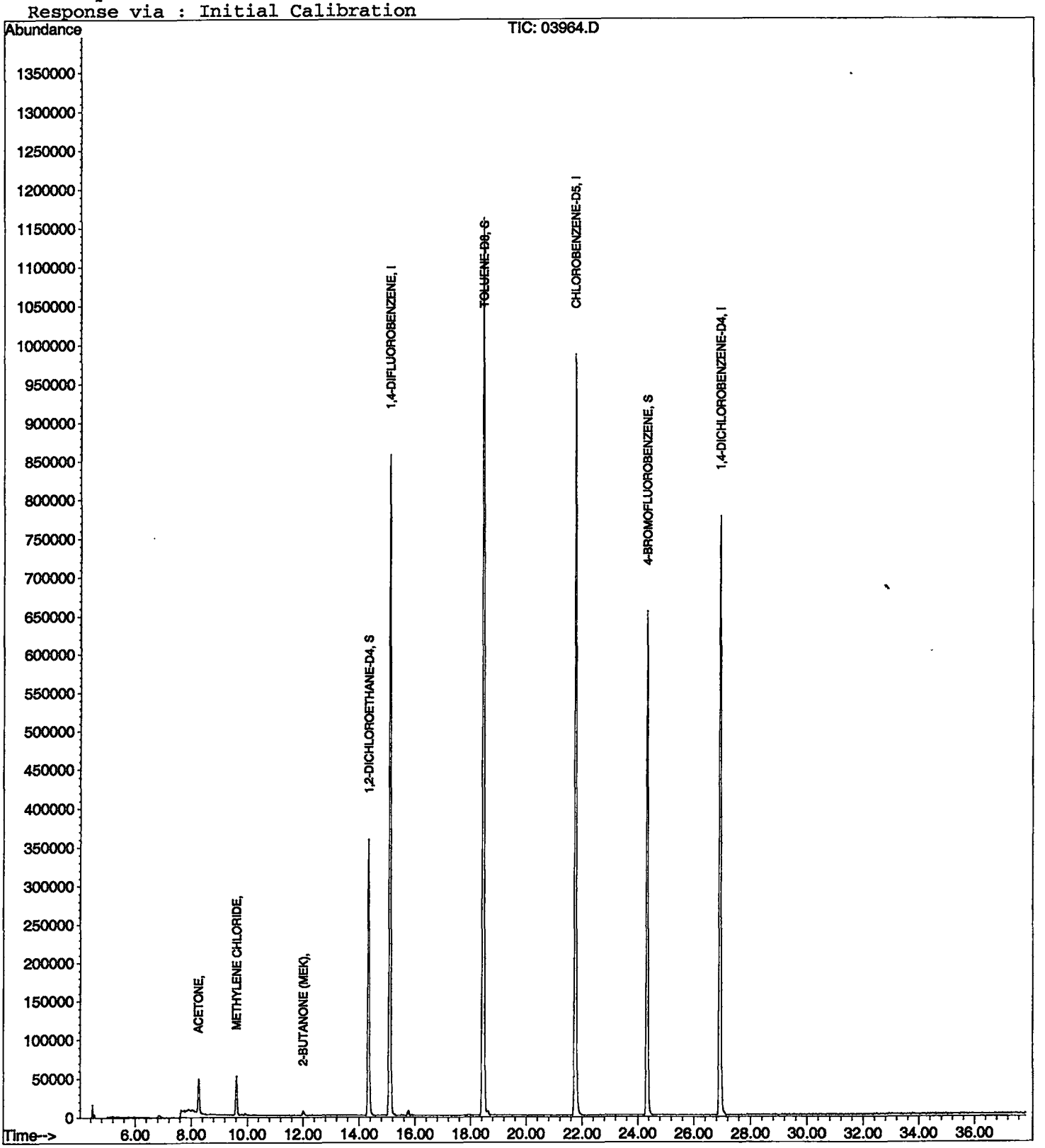
(#) = qualifier out of range (m) = manual integration
03964.D HP021702.M Wed Feb 20 01:02:11 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03964.D
Acq On : 20 Feb 2002 12:23 am
Sample : nyc
Misc : February 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 1:02 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03964.D Vial: 10
Acq On : 20 Feb 2002 12:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

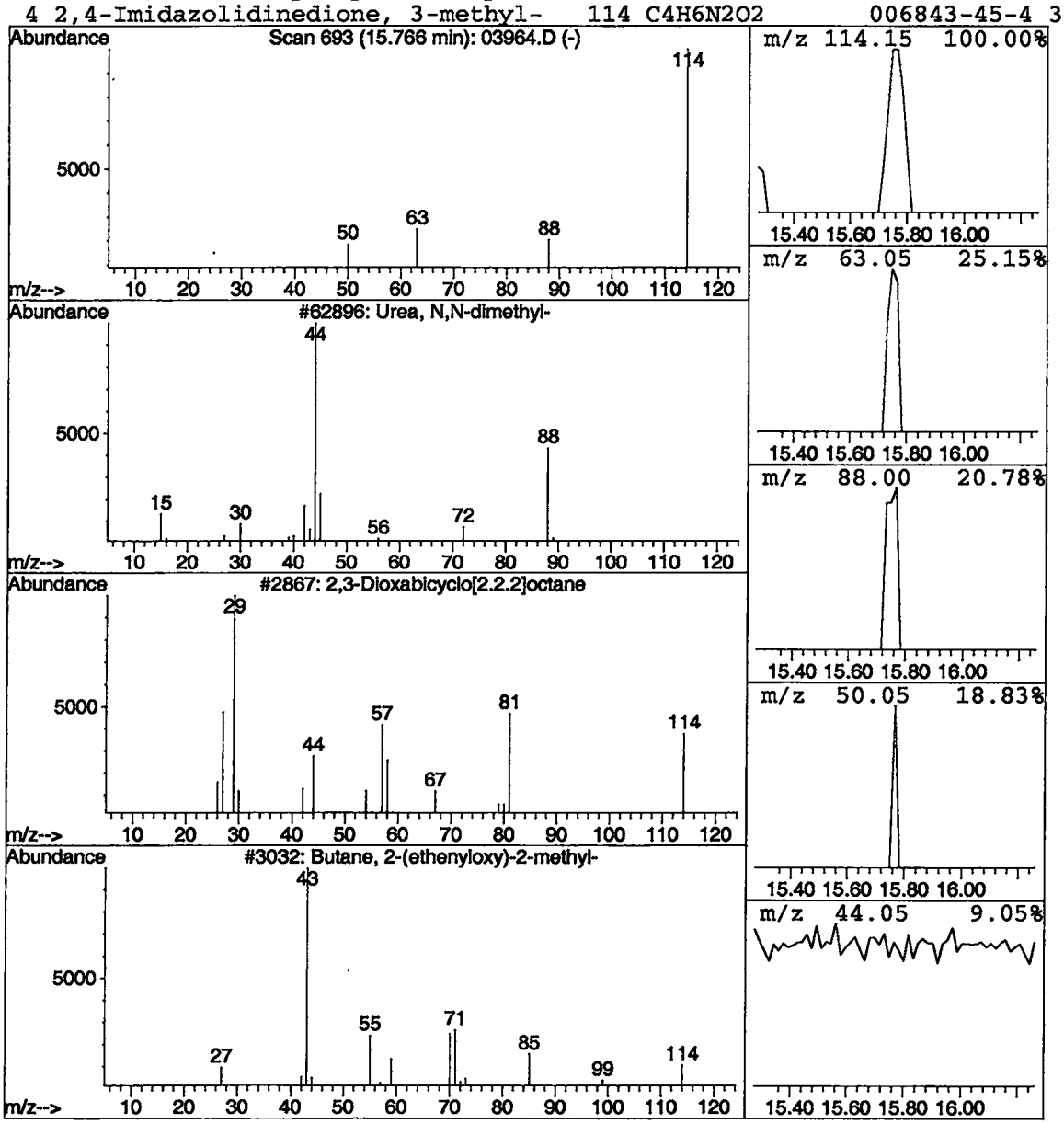
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	23622	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	4
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:04:06

Sample: AE03800
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:01 Ended: 2/20/02 00:01 Analyst: BH
Result source: a:\03800.rr
Page: 1

	Component Name	Dil	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:04:06

Sample: AE03800
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:01 Ended: 2/20/02 00:01 Analyst: BH
Result source: a:\03800.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\03800.D Vial: 11
Acq On : 20 Feb 2002 1:07 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002. Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 1:45 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1504111	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1406796	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.94	152	571121	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	568479	4.96	ug/L	-0.01
Spiked Amount 5.000			Recovery = 99.20%			
3) 4-BROMOFLUOROBENZENE	24.33	174	448191	3.96	ug/L	-0.02
Spiked Amount 5.000			Recovery = 79.20%			
25) TOLUENE-D8	18.46	98	1850440	5.30	ug/L	-0.02
Spiked Amount 5.000			Recovery = 106.00%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	35000	3.38	ug/L	94
14) METHYLENE CHLORIDE	9.62	49	75186	0.87	ug/L	98
18) 2-BUTANONE (MEK)	12.00	43	21860	0.91	ug/L	99

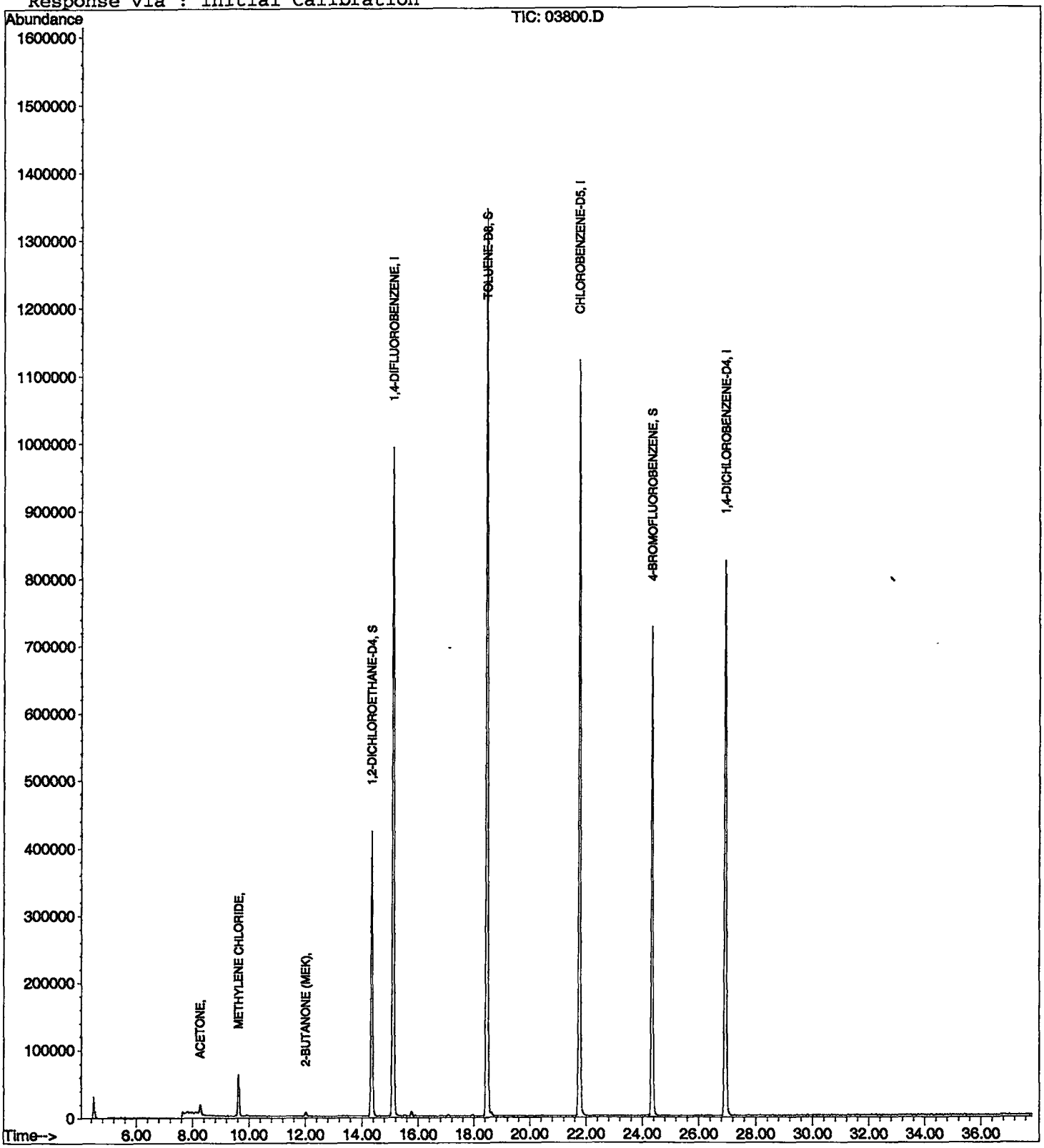
(#) = qualifier out of range (m) = manual integration
03800.D HP021702.M Wed Feb 20 10:56:03 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03800.D
Acq On : 20 Feb 2002 1:07 am
Sample : nyc
Misc : February 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 1:45 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03800.D Vial: 11
Acq On : 20 Feb 2002 1:07 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

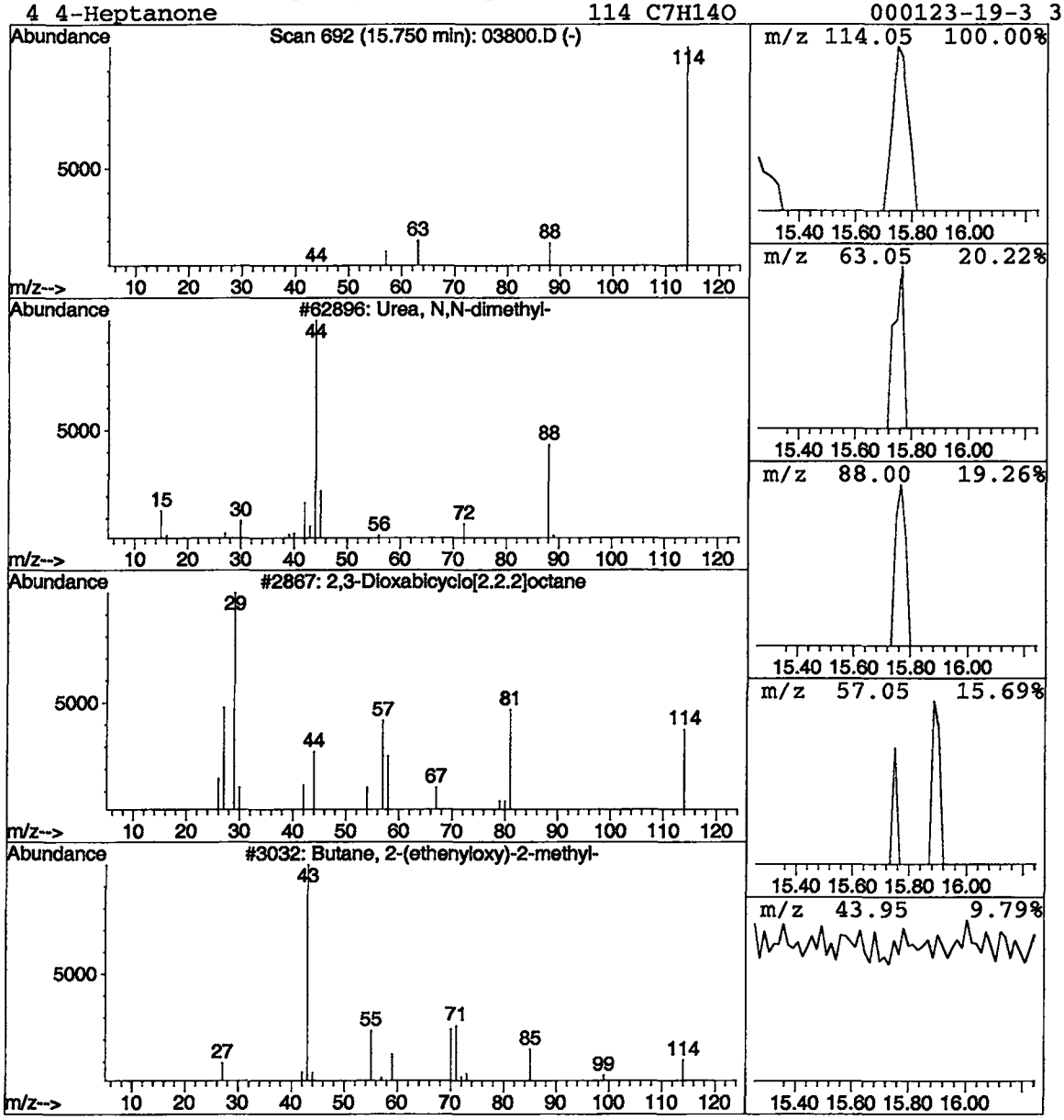
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	24886	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	4
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:05:16

Sample: AE03802
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:01 Ended: 2/20/02 00:01 Analyst: BH
Result source: a:\03802.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY _____
DATE 3/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:05:16

Sample: AE03802
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:01 Ended: 2/20/02 00:01 Analyst: BH
Result source: a:\03802.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\03802.D Vial: 12
Acq On : 20 Feb 2002 1:50 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 2:28 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

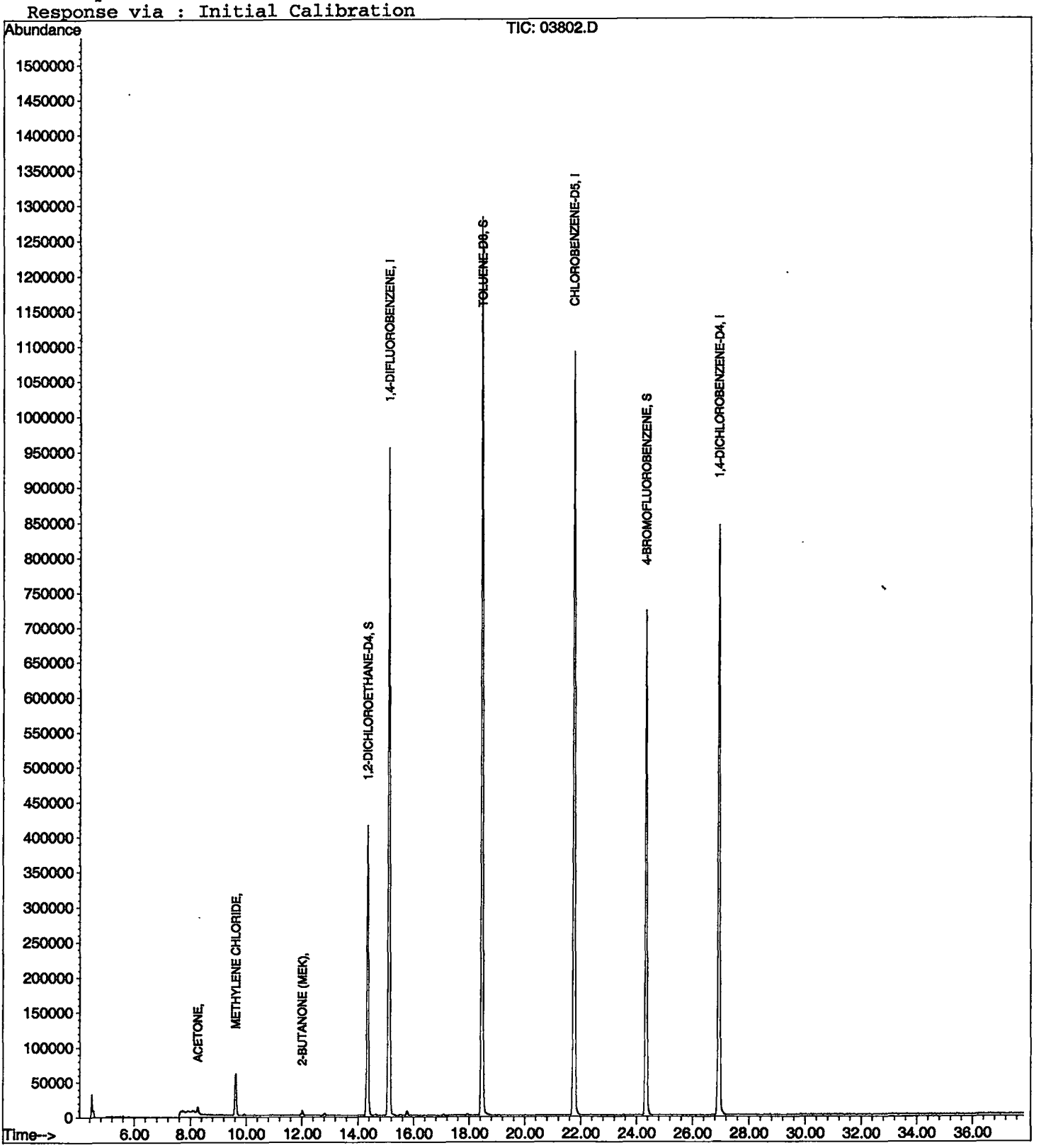
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1455827	5.00 ug/L	-0.01
24) CHLOROBENZENE-D5	21.74	117	1382108	5.00 ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	576965	5.00 ug/L	-0.01
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.34	65	550587	4.97 ug/L	-0.01
Spiked Amount 5.000			Recovery =	99.40%	
3) 4-BROMOFLUOROBENZENE	24.33	174	445511	4.07 ug/L	-0.03
Spiked Amount 5.000			Recovery =	81.40%	
25) TOLUENE-D8	18.46	98	1788348	5.22 ug/L	-0.02
Spiked Amount 5.000			Recovery =	104.40%	
Target Compounds					Qvalue
12) ACETONE	8.26	43	30083	3.01 ug/L	92
14) METHYLENE CHLORIDE	9.62	49	74989	~~0.89 ug/L~~	99
18) 2-BUTANONE (MEK)	12.00	43	21866	~~0.94 ug/L~~	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03802.D Vial: 12
Acq On : 20 Feb 2002 1:50 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 2:28 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03802.D Vial: 12
Acq On : 20 Feb 2002 1:50 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

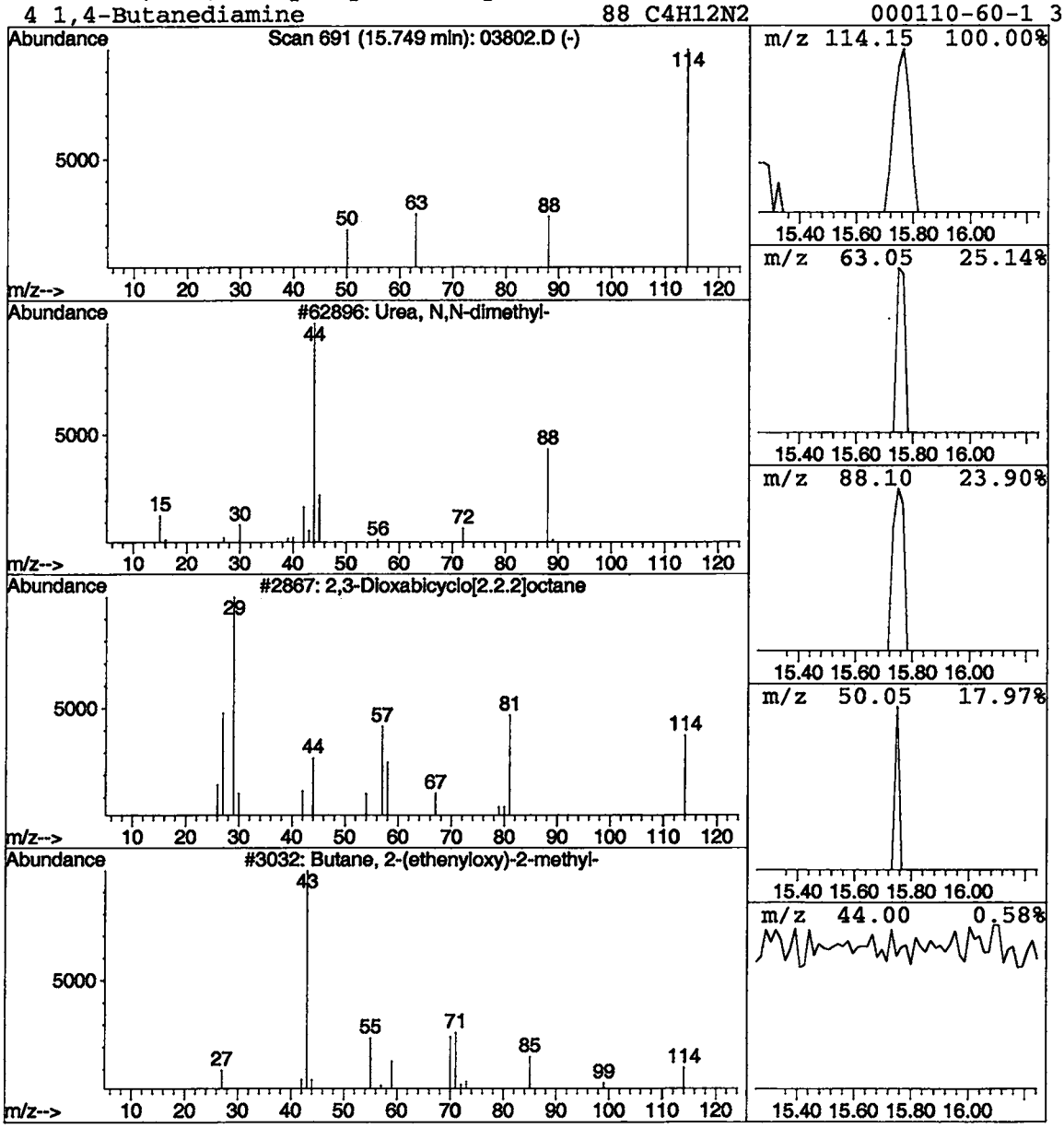
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	23113	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:06:27

Sample: AE03803
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:02 Ended: 2/20/02 00:02 Analyst: BH
Result source: a:\03803.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY BV
DATE 3/4/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/21/2002 Time: 12:06:27

Sample: AE03803
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:02 Ended: 2/20/02 00:02 Analyst: BH
Result source: a:\03803.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\03803.D Vial: 13
Acq On : 20 Feb 2002 2:33 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 3:12 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1678887	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1578702	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	672901	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	610281	4.77	ug/L	-0.01
Spiked Amount 5.000			Recovery =	95.40%		
3) 4-BROMOFLUOROBENZENE	24.33	174	514221	4.08	ug/L	-0.02
Spiked Amount 5.000			Recovery =	81.60%		
25) TOLUENE-D8	18.46	98	2070402	5.29	ug/L	-0.02
Spiked Amount 5.000			Recovery =	105.80%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	33497	2.90	ug/L	90
14) METHYLENE CHLORIDE	9.62	49	84949	~~0.08~~	~~ug/L~~	97
18) 2-BUTANONE (MEK)	12.00	43	24765	~~0.93~~	~~ug/L~~	93
21) CHLOROFORM	12.82	83	7909	0.06	ug/L	83

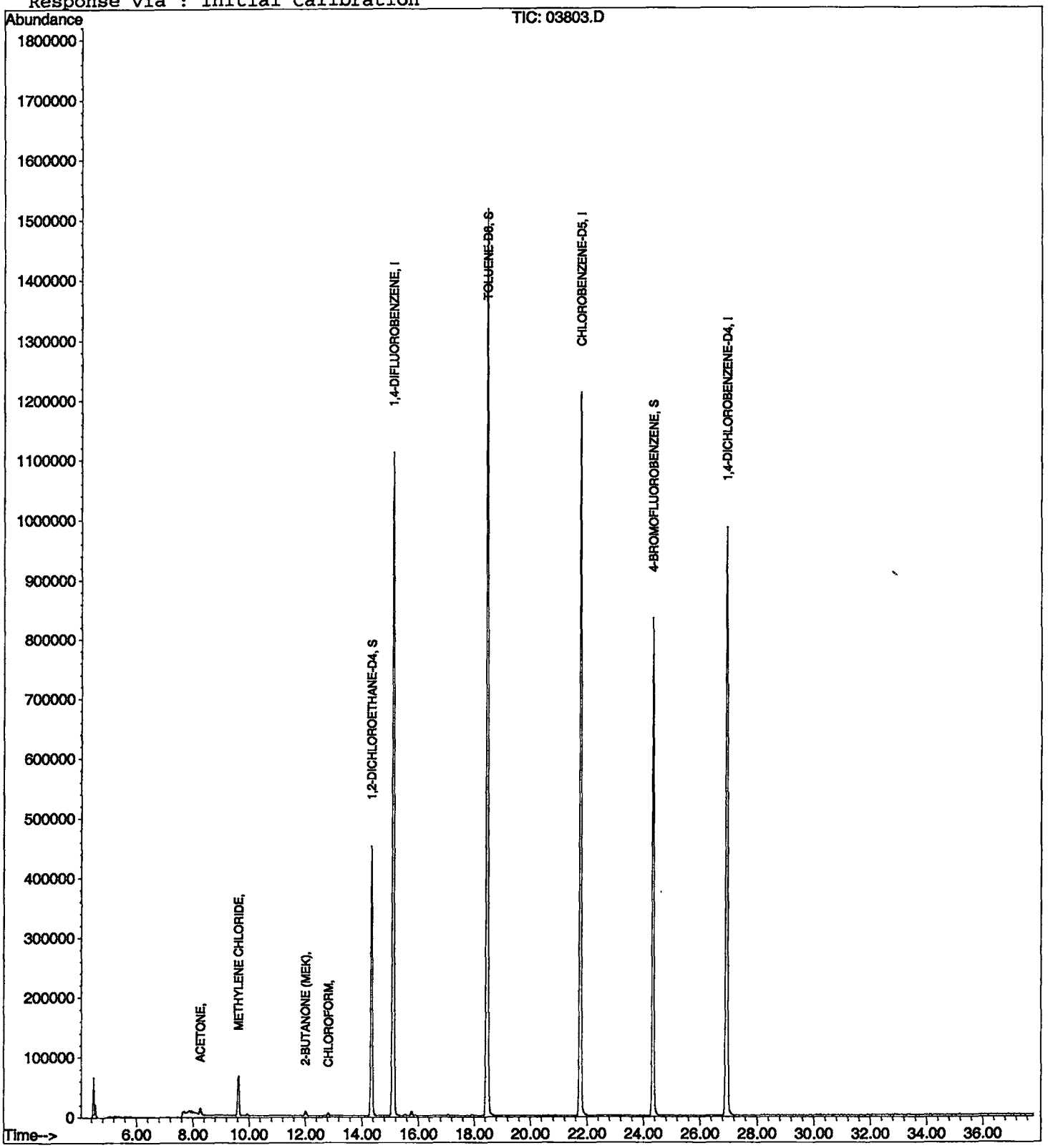
(#) = qualifier out of range (m) = manual integration
03803.D HP021702.M Wed Feb 20 11:00:44 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03803.D
Acq On : 20 Feb 2002 2:33 am
Sample : nyc
Misc : February 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 3:12 2002

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03803.D Vial: 13
Acq On : 20 Feb 2002 2:33 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

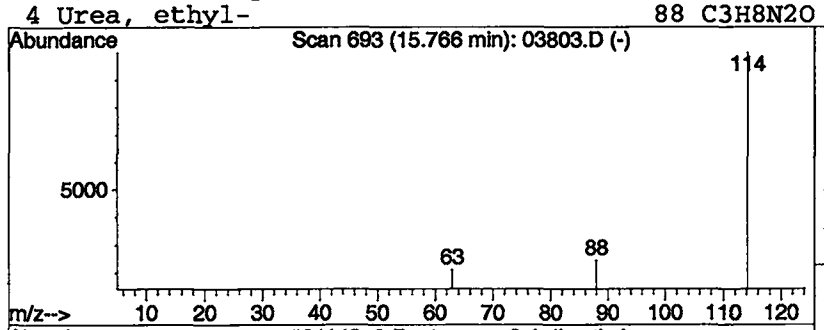
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

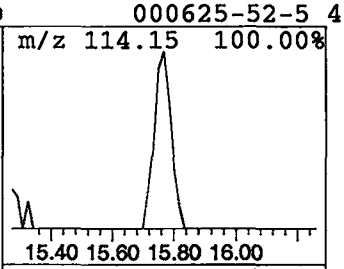
****

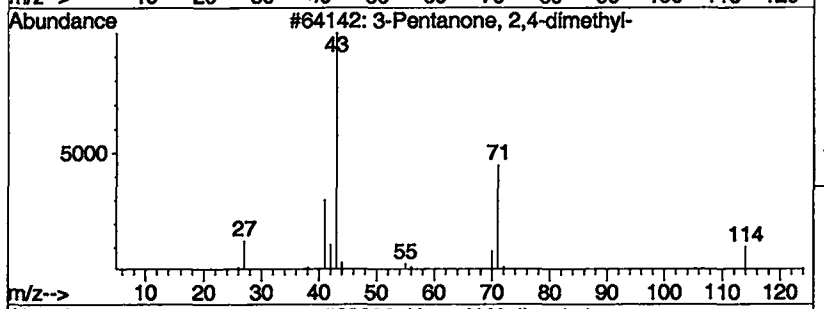
Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 6

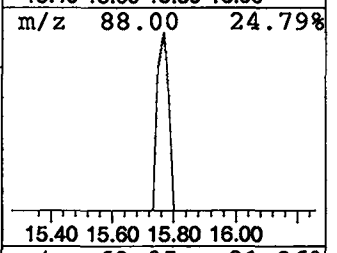
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	29170	1,4-DIFLUOROBENZENE	15.10

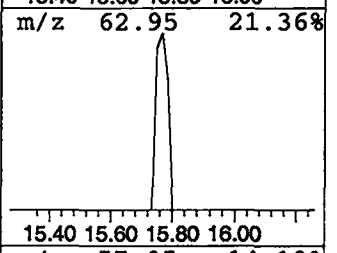
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	5
2	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
3	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
4	Urea, ethyl-	88	C3H8N2O	000625-52-5	4

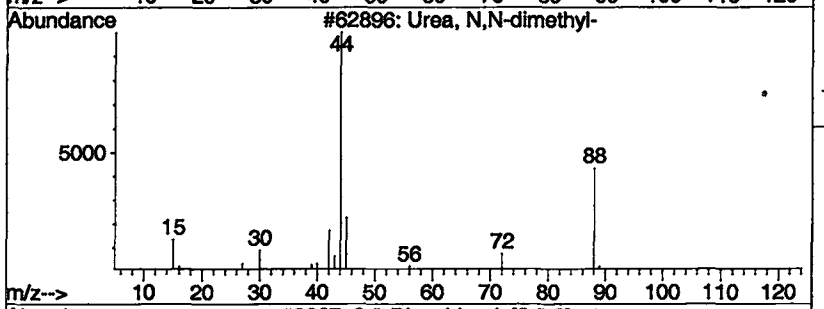


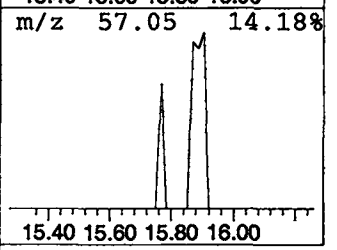


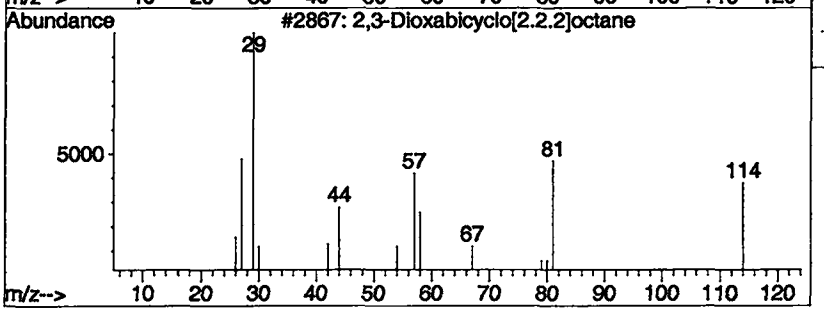












User: Vanneili, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:33:10

Sample: AE03958
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 02/20/02 00:04 Ended: 02/20/02 00:04 Analyst: SV
Result source: a:\0219c10c.rr
Page: 1

	Component Name	Vlol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.8	.5
2	Surr_4-BROMOFLUOROBENZEN		4.2	.5
3	Dichlorodifluoromethane		7.9	.5
4	Chloromethane		9.6	.5
5	Vinyl chloride		12	.5
6	Bromomethane		9.2	.5
7	Chloroethane		9.2	.5
8	Trichlorofluoromethane		8.8	.5
9	1,1-Dichloroethene		10	.5
10	Methylene Chloride		9.9	.5
11	Methyl tert-butyl ether (MTB		7.4	1.0
12	trans-1,2-dichloroethene		9.0	.5
13	1,1-dichloroethane		9.0	.5
14	2-butanone (MEK)		6.4	2.0
15	2,2-dichloropropane	SPE	[illegible]	[illegible]
16	cis-1,2-dichloroethene		9.4	.5
17	Chloroform		8.8	.5
18	Bromochloromethane		9.4	.5
19	1,2-dichloroethane		8.1	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		8.8	.5
22	1,1-dichloropropene		9.4	.5
23	Carbon tetrachloride		8.9	.5
24	Benzene		9.8	.5
25	Trichloroethene		9.4	.5
26	1,2-dichloropropane		9.7	.5
27	Dibromomethane		9.0	.5
28	Bromodichloromethane		8.9	.5
29	Methyl iso-butyl ketone		8.4	1.0
30	cis-1,3-dichloropropene		8.7	.5
31	Toluene		9.8	.5
32	trans-1,3-dichloropropene		8.4	.5
33	1,1,2-trichloroethane		9.7	.5
34	Tetrachloroethene		9.2	.5
35	1,3-dichloropropane		9.2	.5
36	Dibromochloromethane		8.9	2.0
37	Chlorobenzene		9.9	.5
38	1,1,1,2-tetrachloroethane		9.3	.5
39	Ethylbenzene		9.5	.5
40	P & M-xylene		19	.5
41	O-xylene		8.8	.5
42	Styrene		9.1	.5
43	1,1,2,2-tetrachloroethane		9.5	.5
44	Bromoform		8.0	2.0
45	Isopropylbenzene		9.3	.5
46	1,2,3-trichloropropane		9.2	.5
47	N-propylbenzene		9.3	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:33:10

Sample: AE03958
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 02/20/02 00:04 Ended: 02/20/02 00:04 Analyst: SV
Result source: a:\0219c10c.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		9.4	.5
49	1,3,5-trimethylbenzene		9.1	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		8.3	.5
52	TERT-butylbenzene		9.2	.5
53	1,2,4-trimethylbenzene		9.0	.5
54	SEC-butylbenzene		9.2	.5
55	P-isopropyltoluene		8.9	.5
56	1,3-dichlorobenzene		9.3	.5
57	1,4-dichlorobenzene		9.1	.5
58	N-butylbenzene		8.9	.5
59	1,2-dichlorobenzene		9.2	.5
60	1,2,4-trichlorobenzene		8.0	.5
61	Hexachlobutadiene		7.9	.5
62	[redacted]			
63	1,2,3-trichlorobenzene		8.0	.5
64	Nitrobenzene		180	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\0219C10C.D Vial: 15
Acq On : 20 Feb 2002 4:00 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 9:30 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 09:30:23 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1351073	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1257457	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.94	152	573105	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	493665	4.80	ug/L	0.00
Spiked Amount 5.000			Recovery =	96.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	431559	4.25	ug/L	-0.02
Spiked Amount 5.000			Recovery =	85.00%		
25) TOLUENE-D8	18.46	98	1656071	5.31	ug/L	-0.01
Spiked Amount 5.000			Recovery =	106.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	374636	7.87	ug/L	98
5) CHLOROMETHANE	5.50	50	349803	9.63	ug/L	100
6) VINYL CHLORIDE	5.60	62	224049	11.80	ug/L	99
7) BROMOMETHANE	6.59	94	203214	9.23	ug/L	100
8) CHLOROETHANE	6.73	64	203933	9.17	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.28	101	375593	8.80	ug/L	97
12) ACETONE	8.26	43	71514	7.70	ug/L	96
13) 1,1-DICHLOROETHENE	8.60	61	674160	10.38	ug/L	99
14) METHYLENE CHLORIDE	9.62	49	772158	9.90	ug/L	98
15) METHYL TERT BUTYL ETHER	9.93	73	637439	7.39	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.29	61	748430	9.01	ug/L	98
17) 1,1-DICHLOROETHANE	11.17	63	886375	9.03	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	127066	6.43	ug/L	98
19) 2,2-DICHLOROPROPANE	12.38	77	498068	6.52	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.48	96	528093	9.42	ug/L	97
21) CHLOROFORM	12.82	83	864034	8.76	ug/L	100
22) BROMOCHLOROMETHANE	13.20	49	438827	9.36	ug/L	98
23) 1,2-DICHLOROETHANE	14.54	62	540509	8.14	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.71	97	616469	8.79	ug/L	99
27) 1,1-DICHLOROPROPENE	14.03	75	656370	9.38	ug/L	99
28) CARBON TETRACHLORIDE	14.29	117	509176	8.93	ug/L	98
29) BENZENE	14.63	78	1788814	9.85	ug/L	100
30) TRICHLOROETHENE	15.90	95	509129	9.37	ug/L	97
31) 1,2-DICHLOROPROPANE	16.26	63	499018	9.72	ug/L	99
32) DIBROMOMETHANE	16.92	174	218966	8.98	ug/L	90
33) BROMODICHLOROMETHANE	16.77	83	584078	8.89	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.27	63	154195	8.12	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.35	58	78986	8.40	ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.86	75	627492	8.66	ug/L	98
37) TOLUENE	18.63	91	1855536	9.77	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	443922	8.36	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.29	97	298996	9.72	ug/L	98
40) TETRACHLOROETHENE	20.07	166	475596	9.20	ug/L	97
41) 1,3-DICHLOROPROPANE	19.82	76	557251	9.25	ug/L	99
42) DIBROMOCHLOROMETHANE	20.52	129	328530	8.88	ug/L	99
43) 1,2-DIBROMOETHANE	20.96	107	294122	8.82	ug/L	95
44) CHLOROBENZENE	21.85	112	1196363	9.87	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	375659	9.25	ug/L	95
46) 2-HEXANONE	19.19	43	143748	7.61	ug/L	99
47) ETHYLBENZENE	21.88	91	2078572	9.50	ug/L	98
48) P & M-XYLENE	22.03	106	1396720	18.71	ug/L	86

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\0219C10C.D Vial: 15
Acq On : 20 Feb 2002 4:00 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 9:30 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 09:30:23 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

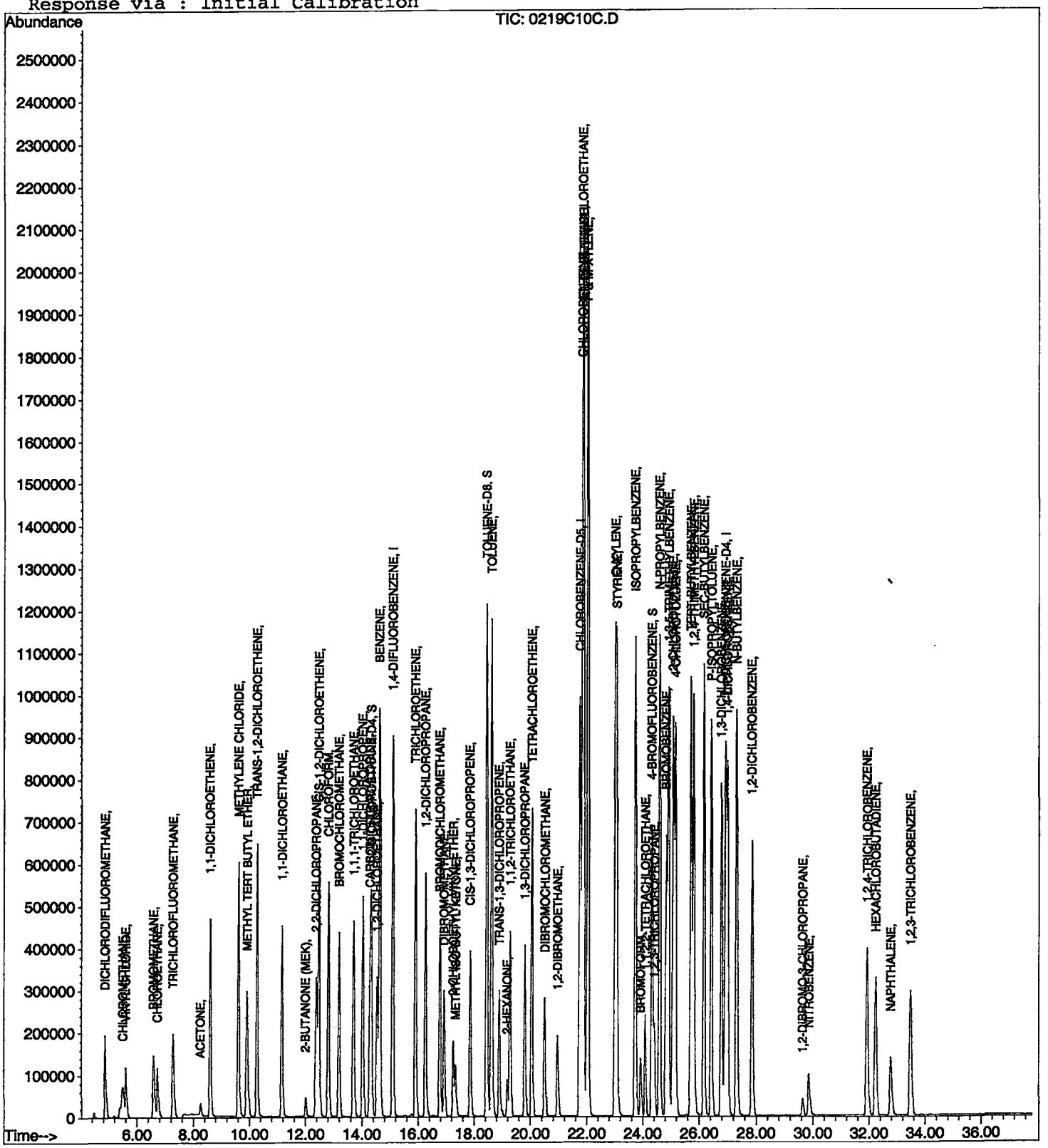
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.02	91	1538318	8.84	ug/L	94
50)	STYRENE	23.07	104	1149433	9.13	ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	324344	9.54	ug/L	100
53)	BROMOFORM	23.92	173	142601	7.98	ug/L	96
54)	ISOPROPYLBENZENE	23.73	105	1735557	9.34	ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.42	110	84071	9.20	ug/L	95
56)	N-PROPYLBENZENE	24.60	91	2270215	9.29	ug/L	100
57)	BROMOBENZENE	24.84	156	438218	9.41	ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	1439297	9.06	ug/L	95
59)	2-CHLOROTOLUENE	25.08	91	1573178	9.96	ug/L	98
60)	4-CHLOROTOLUENE	25.16	91	1178127	8.34	ug/L	95
61)	TERT-BUTYLBENZENE	25.71	119	1313025	9.19	ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	1491528	8.96	ug/L	97
63)	SEC-BUTYLBENZENE	26.17	105	1866144	9.16	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	1383946	8.94	ug/L	96
65)	1,3-DICHLOROBENZENE	26.78	146	814620	9.30	ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	819275	9.15	ug/L	96
67)	N-BUTYLBENZENE	27.33	91	1481092	8.89	ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	694918	9.19	ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	36084	8.70	ug/L	94
70)	1,2,4-TRICHLOROBENZENE	31.94	180	387694	7.99	ug/L	96
71)	HEXACHLOROBUTADIENE	32.25	225	185538	7.86	ug/L	94
72)	NAPHTHALENE	32.78	128	362494	5.57	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.49	180	311742	8.03	ug/L	97
74)	NITROBENZENE	29.86	77	158952	178.84	ug/L	98

(#) = qualifier out of range (m) = manual integration
0219C10C.D HP022702.M Mon Mar 04 09:47:01 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\0219C10C.D Vial: 15
Acq On : 20 Feb 2002 4:00 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 9:30 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 16:04:48 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:36:57

Sample: AE03800
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/20/02 00:04 Ended: 02/20/02 00:04 Analyst: SV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.60	.5
2	Surr_4-BROMOFLUOROBENZEN		4.14	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.25	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:36:57

Sample: AE03800
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/20/02 00:04 Ended: 02/20/02 00:04 Analyst: SV
Result source: manual entry
Page: 2

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

Comments for Sample AE03800 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 12:35:56

The recovery of 2-butanone in the CCV was 64%. The recovery of 2,2-dichloropropane in the CCV was 65%. The recovery of naphthalene in the CCV was 56%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\03800F.D Vial: 16
Acq On : 20 Feb 2002 4:43 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 5:22 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

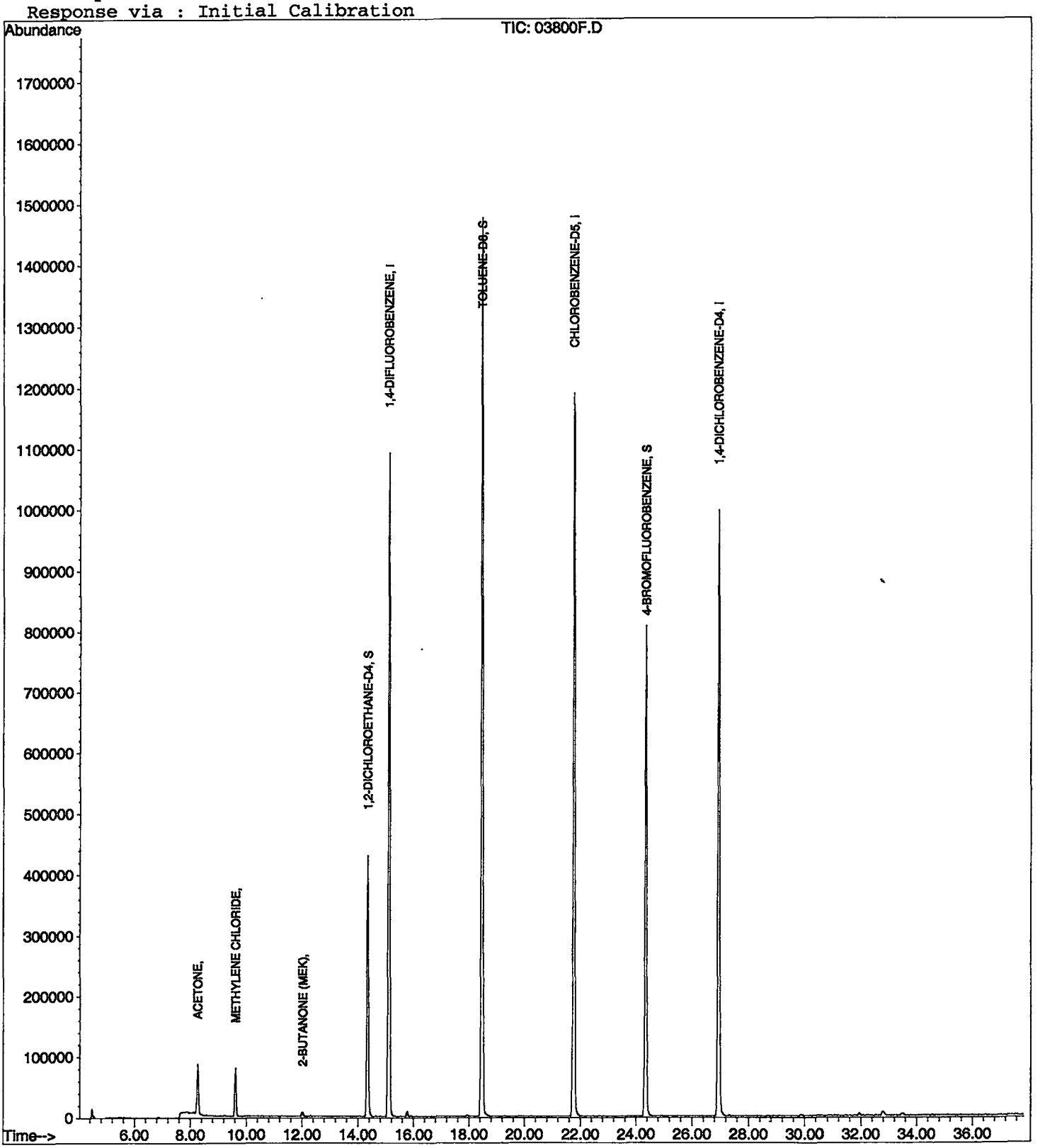
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1636993	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1542944	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.94	152	676910	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	573754	4.60	ug/L	0.00
Spiked Amount 5.000			Recovery = 92.00%			
3) 4-BROMOFLUOROBENZENE	24.35	174	509164	4.14	ug/L	0.00
Spiked Amount 5.000			Recovery = 82.80%			
25) TOLUENE-D8	18.46	98	2008473	5.25	ug/L	-0.01
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	222953	19.81	ug/L	94
14) METHYLENE CHLORIDE	9.62	49	99781	1.06	ug/L	97
18) 2-BUTANONE (MEK)	12.02	43	23386	0.90	ug/L	97

(#) = qualifier out of range (m) = manual integration
03800F.D HP022702.M Mon Mar 04 10:01:28 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03800F.D Vial: 16
Acq On : 20 Feb 2002 4:43 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 5:22 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 16:04:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03800F.D Vial: 16
Acq On : 20 Feb 2002 4:43 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

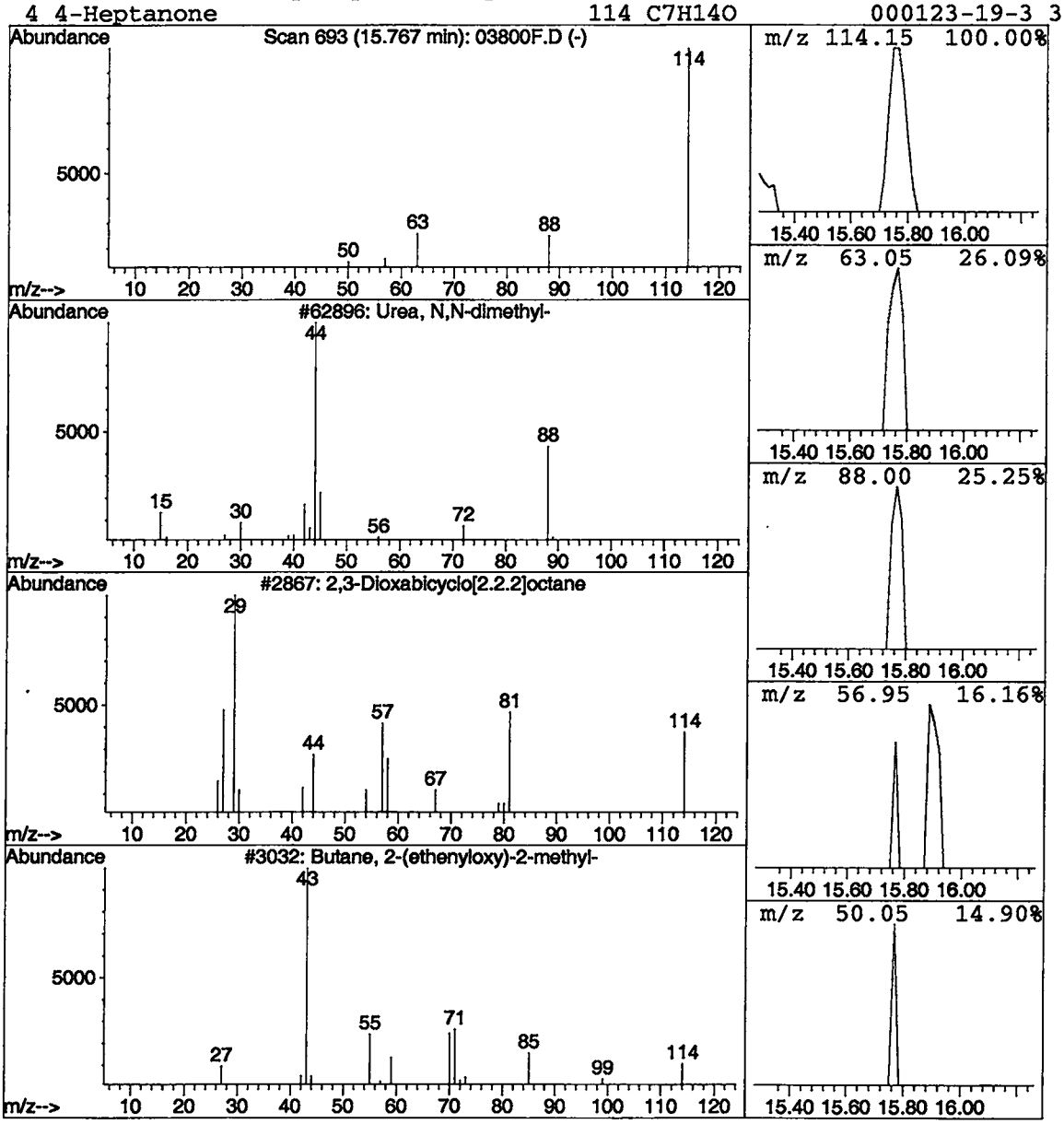
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	31535	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:37:02

Sample: AE03802
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/20/02 00:04 Ended: 02/20/02 00:04 Analyst: SV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.64	.5
2	Surr_4-BROMOFLUOROBENZEN		4.04	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.26	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:37:02

Sample: AE03802
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/20/02 00:04 Ended: 02/20/02 00:04 Analyst: SV
Result source: manual entry
Page: 2

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

Comments for Sample AE03802 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-04-2002 Time: 12:36:50

The recovery of 2-butanone in the CCV was 64%. The recovery of 2,2-dichloropropane in the CCV was 65%. The recovery of naphthalene in the CCV was 56%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB19\03802F.D Vial: 17
Acq On : 20 Feb 2002 5:26 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 6:05 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

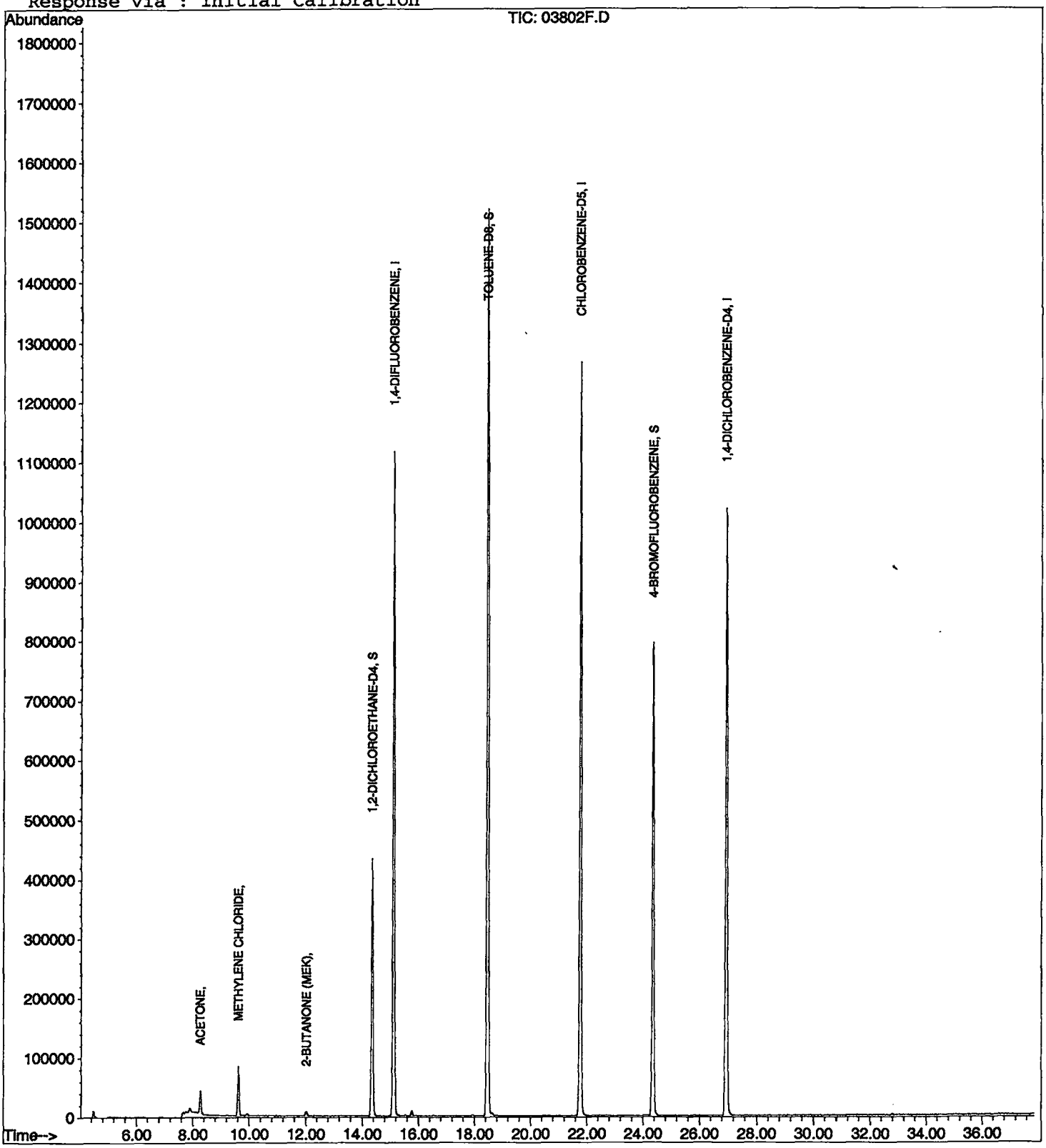
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1670962	5.00	ug/L	-0.01
24) CHLOROBENZENE-D5	21.76	117	1582896	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	688503	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	590200	4.64	ug/L	-0.01
Spiked Amount 5.000			Recovery = 92.80%			
3) 4-BROMOFLUOROBENZENE	24.35	174	507094	4.04	ug/L	0.00
Spiked Amount 5.000			Recovery = 80.80%			
25) TOLUENE-D8	18.46	98	2064330	5.26	ug/L	-0.02
Spiked Amount 5.000			Recovery = 105.20%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	111363	9.69	ug/L	95
14) METHYLENE CHLORIDE	9.62	49	97592	1.01	ug/L	96
18) 2-BUTANONE (MEK)	12.02	43	25670	0.96	ug/L	91

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03802F.D Vial: 17
Acq On : 20 Feb 2002 5:26 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 6:05 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP022702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 16:04:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB19\03802F.D Vial: 17
Acq On : 20 Feb 2002 5:26 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	31694	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	Ethanedial, dioxime	88	C2H4N2O2	000557-30-2	4
4	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4