User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:06:41

Sample: AE03015
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 02/15/02 12:47 Ended: 02/15/02 12:47 Analyst: BH
Result source: a:\0215b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		4.7
2	Surr - 4-BROMOFLUOROBENZE		4.8
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		1.7
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.34
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHENE		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		1.1
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.1
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHANE		< MDL
42	2-HEXANONE		0.37
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHANE		< MDL

Reviewed by,
GB 5/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:06:41

Sample: AE03015
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 02/15/02 12:47 Ended: 02/15/02 12:47 Analyst: BH
Result source: a:\0215b1.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\0215B1.D Vial: 1
Acq On : 15 Feb 2002 8:28 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:07 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 13:05:13 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.04	114	2170236	5.00 ug/L	-0.07
24) CHLOROBENZENE-D5	21.69	117	2077668	5.00 ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.88	152	1007794	5.00 ug/L	-0.07
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.28	65	784834	4.75 ug/L	-0.07
Spiked Amount 5.000			Recovery =	95.00%	
3) 4-BROMOFLUOROBENZENE	24.29	174	784506	4.81 ug/L	-0.07
Spiked Amount 5.000			Recovery =	96.20%	
25) TOLUENE-D8	18.40	98	2643930	5.13 ug/L	-0.07
Spiked Amount 5.000			Recovery =	102.60%	
Target Compounds					Qvalue
12) ACETONE	8.20	43	25448	1.71 ug/L	90
14) METHYLENE CHLORIDE	9.56	49	43017	~~0.34 ug/L~~	96
18) 2-BUTANONE (MEK)	11.95	43	37979	~~1.10 ug/L~~	97
46) 2-HEXANONE	19.03	43	11410	0.37 ug/L	30

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

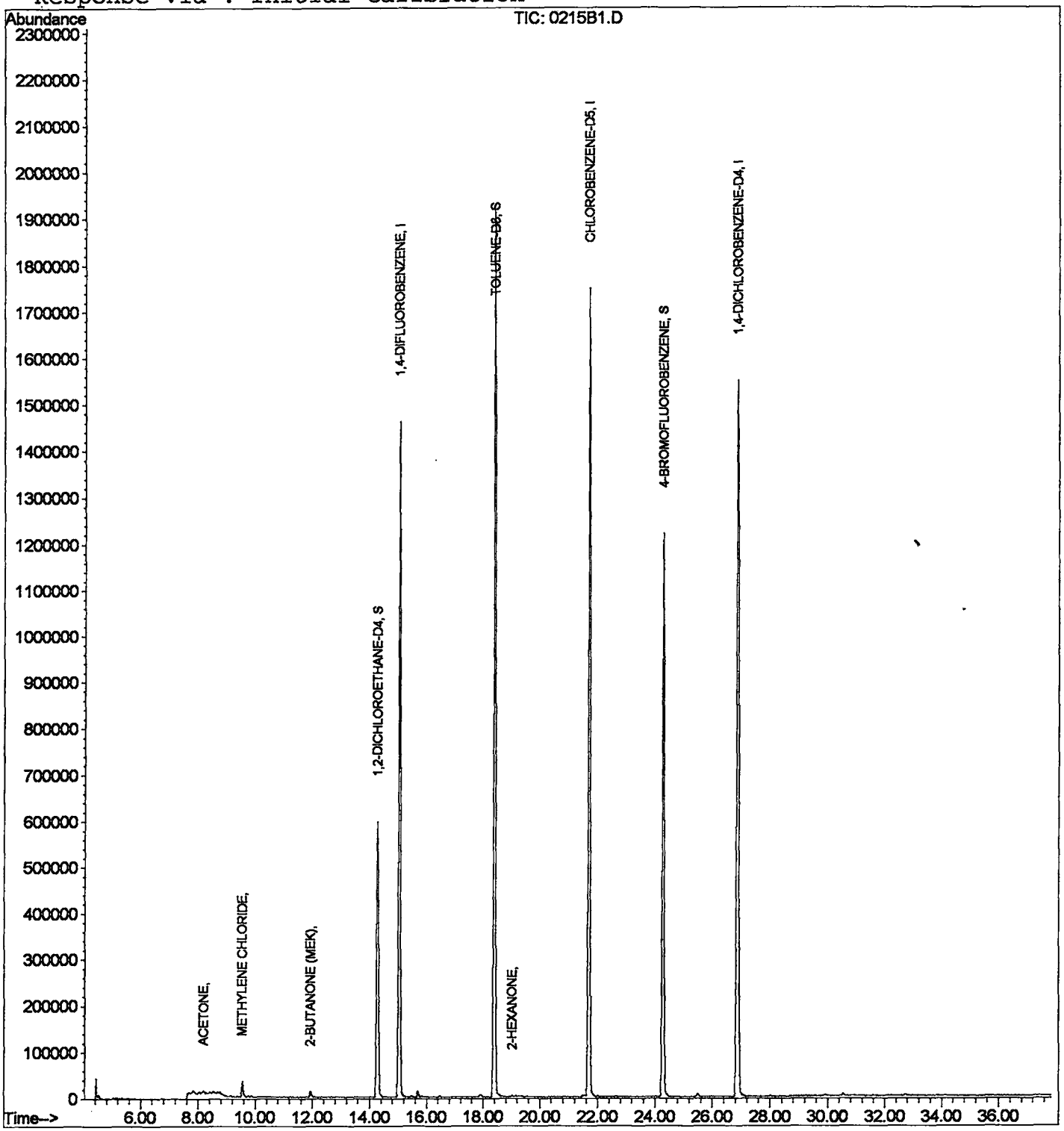
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\0215B1.D
Acq On : 15 Feb 2002 8:28 am
Sample : lab blank 1
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:07 2002

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

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 15:42:02 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\0215B1.D Vial: 1
Acq On : 15 Feb 2002 8:28 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

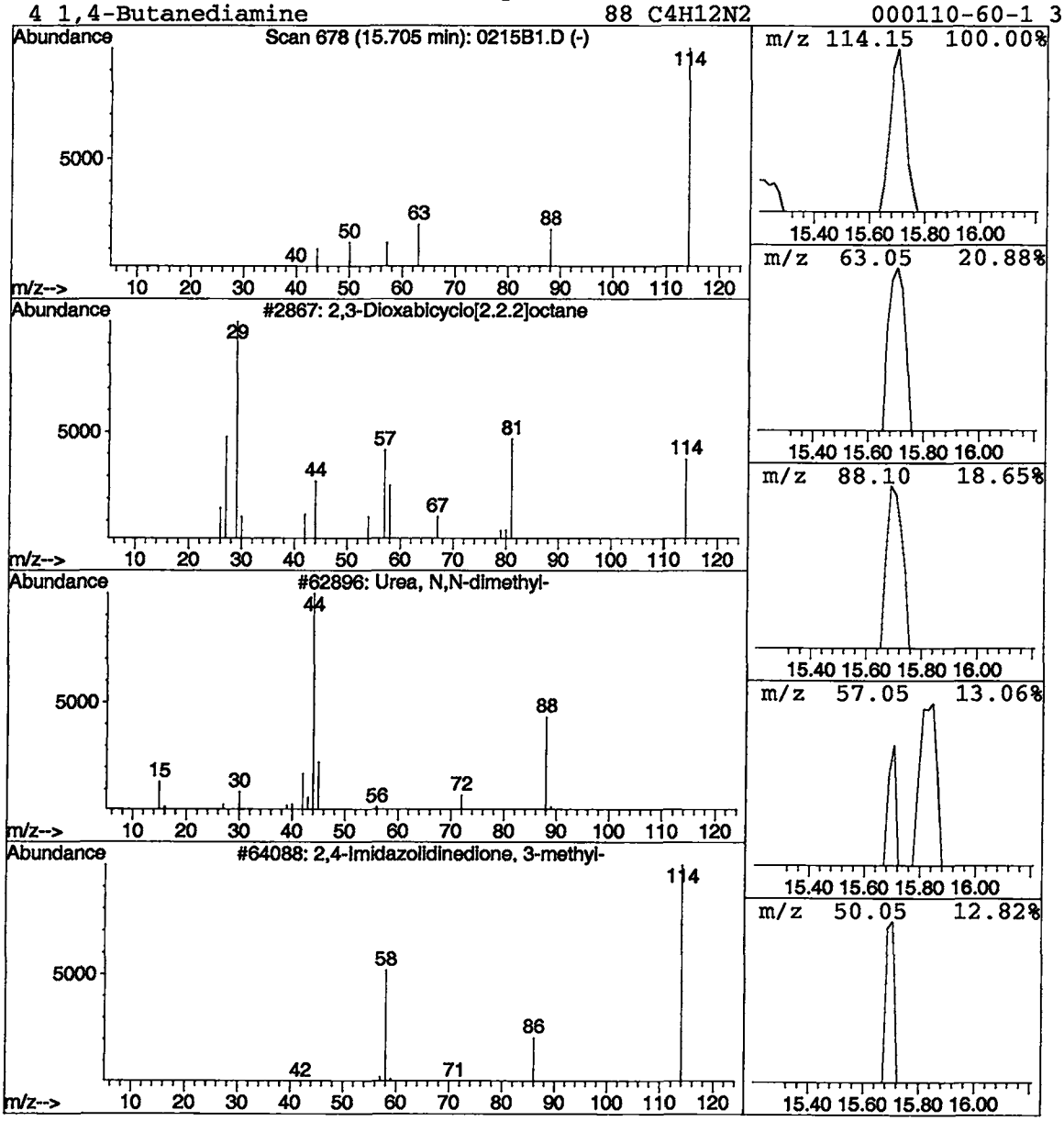
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	0.04 ug/L	48862	1,4-DIFLUOROBENZENE	15.04

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	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:07:29

Sample: AE03015
Analysis: SC1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 02/15/02 12:47 Ended: 02/15/02 12:47 Analyst: BH
Result source: a:\0215c10.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.8	.5
2	Surr_4-BROMOFLUOROBENZEN		4.7	.5
3	Dichlorodifluoromethane		7.4	.5
4	Chloromethane		8.6	.5
5	Vinyl chloride		7.6	.5
6	Bromomethane		7.9	.5
7	Chloroethane		7.4	.5
8	Trichlorofluoromethane		7.2	.5
9	1,1-Dichloroethene		11	.5
10	Methylene Chloride		12	.5
11	Methyl tert-butyl ether		9.7	1.0
12	trans-1,2-dichloroethene		10	.5
13	1,1-dichloroethane		9.9	.5
14	2-butanone (MEK)		12	2.0
15	2,2-dichloropropane		9.2	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		9.7	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		9.6	.5
20	Surr_TOLUENE-D8		5.0	.5
21	1,1,1- trichloroethane		9.6	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		9.9	.5
24	Benzene		10	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		11	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		10	.5
29	Methyl iso-butyl ketone		12	1.0
30	cis-1,3-dichloropropene		11	.5
31	Toluene		11	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		11	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		22	.5
41	O-xylene		10	.5
42	Styrene		10	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		9.9	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		11	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:07:29

Sample: AE03015
Analysis: SC1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 02/15/02 12:47 Ended: 02/15/02 12:47 Analyst: BH
Result source: a:\0215c10.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		11	.5
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		11	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		10	.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		11	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		11	.5
63	1,2,3-trichlorobenzene		11	.5
64	Nitrobenzene		230	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\0215C10.D Vial: 2
Acq On : 15 Feb 2002 9:12 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February.15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:50 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.06	114	2038101	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.71	117	2010690	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.90	152	948059	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	745669	4.81	ug/L	-0.05
Spiked Amount 5.000			Recovery = 96.20%			
3) 4-BROMOFLUOROBENZENE	24.30	174	712403	4.65	ug/L	-0.05
Spiked Amount 5.000			Recovery = 93.00%			
25) TOLUENE-D8	18.42	98	2503275	5.02	ug/L	-0.05
Spiked Amount 5.000			Recovery = 100.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	531670	7.40	ug/L	98
5) CHLOROMETHANE	5.47	50	475412	8.64	ug/L	99
6) VINYL CHLORIDE	5.55	62	183247	7.58	ug/L	99
7) BROMOMETHANE	6.54	94	261573	7.88	ug/L	99
8) CHLOROETHANE	6.69	64	247798	7.39	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.25	101	463249	7.19	ug/L	99
10) Isopropyl Alcohol	7.85	45	1392099	998.03	ug/L	94
11) 1,1,2-Trichloro-1,2,2-trif	8.13	101	396784	7.65	ug/L	95
12) ACETONE	8.22	43	172631	12.32	ug/L	94
13) 1,1-DICHLOROETHENE	8.57	61	1064376	10.87	ug/L	99
14) METHYLENE CHLORIDE	9.58	49	1383681	11.75	ug/L	93
15) METHYL TERT BUTYL ETHER	9.87	73	1264160	9.72	ug/L	93
16) TRANS-1,2-DICHLOROETHENE	10.24	61	1269385	10.13	ug/L	94
17) 1,1-DICHLOROETHANE	11.13	63	1466059	9.90	ug/L	97
18) 2-BUTANONE (MEK)	11.96	43	389671	12.00	ug/L	96
19) 2,2-DICHLOROPROPANE	12.34	77	1091039	9.18	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.43	96	860540	10.17	ug/L	95
21) CHLOROFORM	12.78	83	1448765	9.74	ug/L	99
22) BROMOCHLOROMETHANE	13.16	49	772093	10.91	ug/L	97
23) 1,2-DICHLOROETHANE	14.50	62	959449	9.58	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.67	97	1081079	9.64	ug/L	97
27) 1,1-DICHLOROPROPENE	14.00	75	1143034	10.22	ug/L	99
28) CARBON TETRACHLORIDE	14.26	117	901965	9.89	ug/L	99
29) BENZENE	14.59	78	2971658	10.23	ug/L	100
30) TRICHLOROETHENE	15.86	95	890768	10.26	ug/L	97
31) 1,2-DICHLOROPROPANE	16.23	63	901855	10.99	ug/L	97
32) DIBROMOMETHANE	16.89	174	424940	10.90	ug/L	99
33) BROMODICHLOROMETHANE	16.73	83	1061717	10.11	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\0215C10.D Vial: 2
Acq On : 15 Feb 2002 9:12 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:50 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

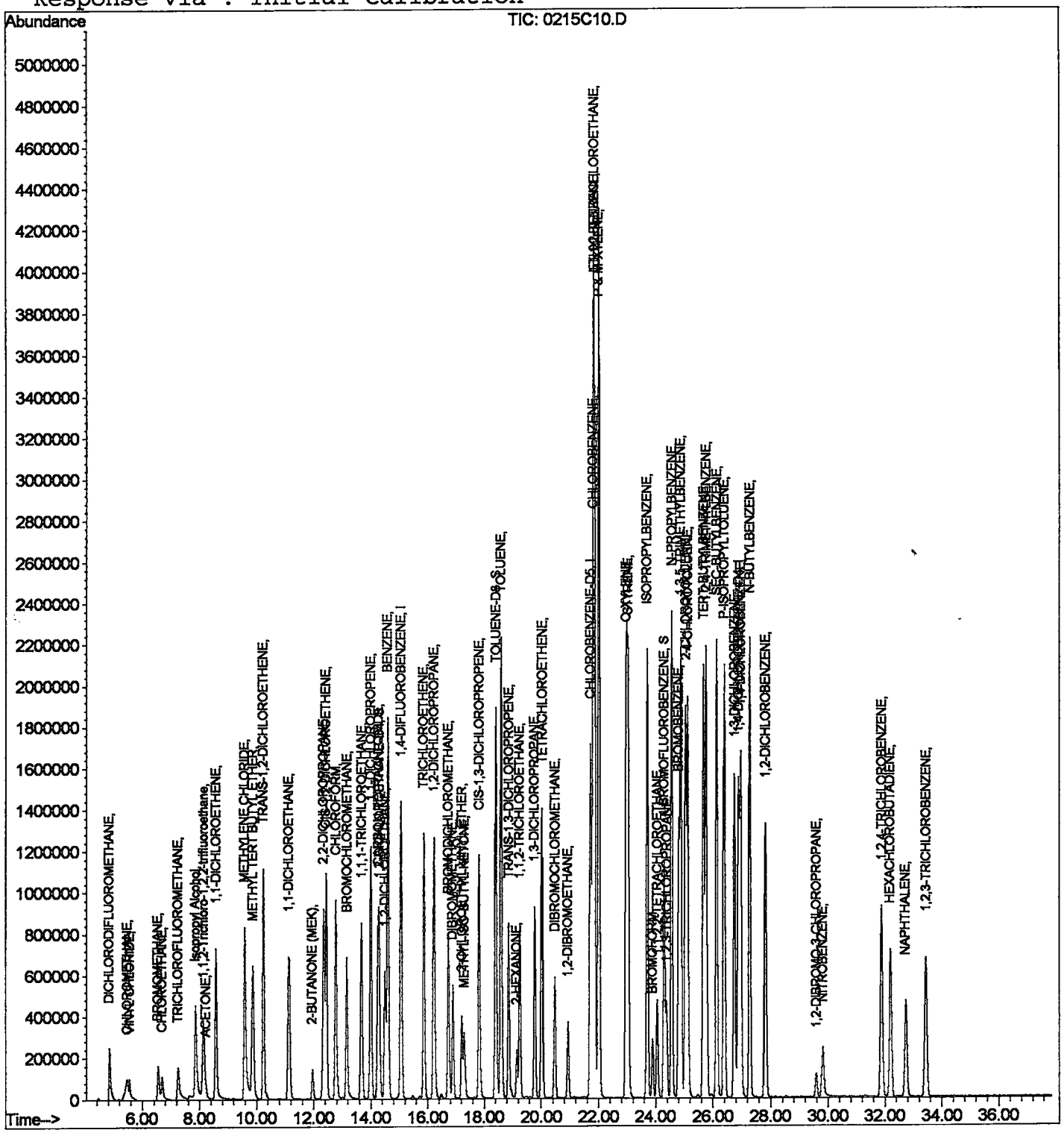
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.22	63	318247	10.49 ug/L	95
35) METHYL ISO-BUTYL KETONE	17.31	58	176253	11.72 ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.83	75	1237627	10.68 ug/L	98
37) TOLUENE	18.59	91	3201568	10.55 ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.87	75	902244	10.63 ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.25	97	533796	10.85 ug/L	97
40) TETRACHLOROETHENE	20.04	166	906460	10.97 ug/L	99
41) 1,3-DICHLOROPROPANE	19.78	76	1055467	10.95 ug/L	97
42) DIBROMOCHLOROMETHANE	20.47	129	647933	10.95 ug/L	98
43) 1,2-DIBROMOETHANE	20.93	107	566638	10.63 ug/L	96
44) CHLOROBENZENE	21.80	112	2123717	10.96 ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.85	131	710953	10.95 ug/L	99
46) 2-HEXANONE	19.15	43	404679	13.40 ug/L	99
47) ETHYLBENZENE	21.85	91	3777439	10.80 ug/L	98
48) P & M-XYLENE	22.00	106	2615760	21.91 ug/L	96
49) O-XYLENE	22.96	91	2844773	10.22 ug/L	98
50) STYRENE	23.03	104	2083714	10.35 ug/L	96
51) 1,1,2,2-TETRACHLOROETHANE	24.06	83	621997	11.44 ug/L	100
53) BROMOFORM	23.88	173	293022	9.92 ug/L	97
54) ISOPROPYLBENZENE	23.69	105	3210728	10.45 ug/L	97
55) 1,2,3-TRICHLOROPROPANE	24.39	110	157033	10.39 ug/L	92
56) N-PROPYLBENZENE	24.56	91	4265311	10.55 ug/L	98
57) BROMOBENZENE	24.81	156	822647	10.67 ug/L	99
58) 1,3,5-TRIMETHYLBENZENE	24.88	105	2743789	10.45 ug/L	99
59) 2-CHLOROTOLUENE	25.05	91	2801387	10.72 ug/L	97
60) 4-CHLOROTOLUENE	25.12	91	2347223	10.05 ug/L	96
61) TERT-BUTYLBENZENE	25.68	119	2550828	10.79 ug/L	94
62) 1,2,4-TRIMETHYLBENZENE	25.76	105	2868608	10.42 ug/L	95
63) SEC-BUTYLBENZENE	26.13	105	3650584	10.83 ug/L	98
64) P-ISOPROPYLTOLUENE	26.39	119	2781549	10.87 ug/L	96
65) 1,3-DICHLOROBENZENE	26.76	146	1567922	10.81 ug/L	97
66) 1,4-DICHLOROBENZENE	26.97	146	1590980	10.74 ug/L	98
67) N-BUTYLBENZENE	27.28	91	2962231	10.75 ug/L	99
68) 1,2-DICHLOROBENZENE	27.82	146	1363358	10.90 ug/L	99
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.59	157	81982	11.95 ug/L	97
70) 1,2,4-TRICHLOROBENZENE	31.89	180	890681	11.10 ug/L	96
71) HEXACHLOROBUTADIENE	32.19	225	418718	10.73 ug/L	100
72) NAPHTHALENE	32.73	128	1154234	10.73 ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.44	180	711573	11.08 ug/L	100
74) NITROBENZENE	29.82	77	335626	228.27 ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\0215C10.D Vial: 2
Acq On : 15 Feb 2002 9:12 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:50 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 15:42:02 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:08:20

Sample: AE03015
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 02/15/02 12:48 Ended: 02/15/02 12:48 Analyst: BH
Result source: a:\0215r5.rr
Page: 1

	Component Name	Vial	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.8	
2	4-BROMOFLUOROBENZENE		4.9	
3	DICHLORODIFLUOROMETHANE		3.5	.5
4	CHLOROMETHANE		4.4	.5
5	VINYL CHLORIDE		5.9	.5
6	BROMOMETHANE		4.2	.5
7	CHLOROETHANE		4.2	.5
8	TRICHLOROFLUOROMETHANE		4.0	.5
9	ACETONE		5.5	.5
10	1,1-DICHLOROETHENE		3.6	.5
11	METHYLENE CHLORIDE		5.1	.5
12	METHYL TERT BUTYL ETHER		4.3	1
13	TRANS-1,2-DICHLOROETHENE		4.3	.5
14	1,1-DICHLOROETHANE		4.6	.5
15	2-BUTANONE (MEK)		5.7	.5
16	2,2-DICHLOROPROPANE		4.3	.5
17	CIS-1,2-DICHLOROETHENE		5.0	.5
18	CHLOROFORM		4.9	.5
19	BROMOCHLOROMETHANE		5.4	.5
20	1,2-DICHLOROETHANE		5.0	.5
21	TOLUENE-D8		5.1	
22	1,1,1-TRICHLOROETHANE		4.6	.5
23	1,1-DICHLOROPROPENE		5.0	.5
24	CARBON TETRACHLORIDE		4.7	.5
25	BENZENE		5.1	.5
26	TRICHLOROETHENE		5.2	.5
27	1,2-DICHLOROPROPANE		5.7	.5
28	DIBROMOMETHANE		5.7	.5
29	BROMODICHLOROMETHANE		5.3	.5
30	2-CHLOROETHYL VINYL ETHER		5.0	.5
31	METHYL ISO-BUTYL KETONE		5.9	1
32	CIS-1,3-DICHLOROPROPENE		5.6	.5
33	TOLUENE		5.5	.5
34	TRANS-1,3-DICHLOROPROPENE		5.9	.5
35	1,1,2-TRICHLOROETHANE		6.0	.5
36	TETRACHLOROETHENE		5.7	.5
37	1,3-DICHLOROPROPANE		5.8	.5
38	DIBROMOCHLOROMETHANE		5.6	2
39	1,2-DIBROMOETHANE		5.7	.5
40	CHLOROBENZENE		6.0	.5
41	1,1,1,2-TETRACHLOROETHANE		5.9	.5
42	2-HEXANONE		7.7	.5
43	ETHYLBENZENE		5.8	.5
44	P & M-XYLENE		12	.5
45	O-XYLENE		5.8	.5
46	STYRENE		5.8	.5
47	1,1,2,2-TETRACHLOROETHANE		6.5	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:08:20

Sample: AE03015
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 02/15/02 12:48 Ended: 02/15/02 12:48 Analyst: BH
Result source: a:\0215r5.rr
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		4.6	2
49	ISOPROPYLBENZENE		5.5	.5
50	1,2,3-TRICHLOROPROPANE		5.8	.5
51	N-PROPYLBENZENE		5.4	.5
52	BROMOBENZENE		5.8	.5
53	1,3,5-TRIMETHYLBENZENE		5.5	.5
54	2-CHLOROTOLUENE		5.5	.5
55	4-CHLOROTOLUENE		5.6	.5
56	TERT-BUTYLBENZENE		5.7	.5
57	1,2,4-TRIMETHYLBENZENE		5.4	.5
58	SEC-BUTYLBENZENE		5.7	.5
59	P-ISOPROPYLTOLUENE		5.9	.5
60	1,3-DICHLOROBENZENE		5.8	.5
61	1,4-DICHLOROBENZENE		5.7	.5
62	N-BUTYLBENZENE		5.7	.5
63	1,2-DICHLOROBENZENE		5.9	.5
64	1,2-DIBROMO-3-CHLOROPROPA		6.1	.5
65	1,2,4-TRICHLOROBENZENE		5.9	.5
66	HEXACHLOROBUTADIENE		5.7	.5
67	NAPHTHALENE		6.4	.5
68	1,2,3-TRICHLOROBENZENE		6.1	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		110	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:08:34

Sample: AE03015
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 02/15/02 14:02 Ended: 02/15/02 14:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.8	.5
2	Surr - 4-BROMOFLUOROBENZE		4.9	.5
3	Dichlorodifluoromethane		70	.5
4	Chloromethane		88	.5
5	Vinyl chloride		118	.5
6	Bromomethane		84	.5
7	Chloroethane		84	.5
8	Trichlorofluoromethane		80	.5
9	1,1-Dichloroethene		72	.5
10	Methylene Chloride		102	.5
11	Methyl tert butyl ether		86	1.0
12	trans-1,2-dichloroethene		86	.5
13	1,1-dichloroethane		92	.5
14	2-butanone (MEK)		114	2.0
15	2,2-dichloropropane		86	.5
16	cis-1,2-dichloroethene		100	.5
17	Chloroform		98	.5
18	Bromochloromethane		108	.5
19	1,2-dichloroethane		100	.5
20	Surr - TOLUENE-D8		5.1	.5
21	1,1,1-trichloroethane		92	.5
22	1,1-dichloropropene		100	.5
23	Carbon tetrachloride		94	.5
24	Benzene		102	.5
25	Trichloroethene		104	.5
26	1,2-dichloropropane		114	.5
27	Dibromomethane		114	.5
28	Bromodichloromethane		106	.5
29	Methyl iso-butyl ketone		118	1.0
30	cis-1,3-dichloropropene		112	.5
31	Toluene		110	.5
32	trans-1,3-dichloropropene		118	.5
33	1,1,2-trichloroethane		120	.5
34	Tetrachloroethene		114	.5
35	1,3-dichloropropane		116	.5
36	Dibromochloromethane		112	2.0
37	Chlorobenzene		120	.5
38	1,1,1,2-tetrachloroethane		118	.5
39	Ethylbenzene		116	.5
40	P & M-xylene		120	.5
41	O-xylene		116	.5
42	Styrene		116	.5
43	1,1,2,2-tetrachloroethane		130	.5
44	Bromoform		92	2.0
45	Isopropylbenzene		110	.5
46	1,2,3-trichloropropane		116	.5
47	N-propylbenzene		108	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:08:34

Sample: AE03015
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 02/15/02 14:02 Ended: 02/15/02 14:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		116	.5
49	1,3,5-trimethylbenzene		110	.5
50	2-chlorotoluene		110	.5
51	4-chlorotoluene		112	.5
52	TERT-butylbenzene		114	.5
53	1,2,4-trimethylbenzene		108	.5
54	SEC-butylbenzene		114	.5
55	P-isopropyltoluene		118	.5
56	1,3-dichlorobenzene		116	.5
57	1,4-dichlorobenzene		114	.5
58	N-butylbenzene		114	.5
59	1,2-dichlorobenzene		118	.5
60	1,2,4-trichlorobenzene		118	.5
61	Hexachlorobutadiene		114	.5
62	Naphthalene		128	.5
63	1,2,3-trichlorobenzene		122	.5
64	Ethanol		< MDL	
65	Nitrobenzene		110	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\0215R5.D Vial: 3
Acq On : 15 Feb 2002 10:09 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 10:48 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 10:47:29 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.06	114	1951737	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.71	117	1885405	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.90	152	944902	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	710249	4.78	ug/L	-0.05
Spiked Amount 5.000			Recovery = 95.60%			
3) 4-BROMOFLUOROBENZENE	24.30	174	722600	4.93	ug/L	-0.05
Spiked Amount 5.000			Recovery = 98.60%			
25) TOLUENE-D8	18.42	98	2372643	5.07	ug/L	-0.05
Spiked Amount 5.000			Recovery = 101.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	241951	3.52	ug/L	99
5) CHLOROMETHANE	5.48	50	253209	4.35	ug/L	98
6) VINYL CHLORIDE	5.59	62	156715	5.93	ug/L	95
7) BROMOMETHANE	6.56	94	133915	4.21	ug/L	95
8) CHLOROETHANE	6.69	64	134371	4.18	ug/L	92
9) TRICHLOROFLUOROMETHANE	7.26	101	247326	4.01	ug/L	100
12) ACETONE	8.22	43	73463	5.48	ug/L	94
13) 1,1-DICHLOROETHENE	8.57	61	277800	3.56	ug/L	98
14) METHYLENE CHLORIDE	9.58	49	573270	5.09	ug/L	95
15) METHYL TERT BUTYL ETHER	9.87	73	540986	4.34	ug/L	93
16) TRANS-1,2-DICHLOROETHENE	10.24	61	516581	4.31	ug/L	95
17) 1,1-DICHLOROETHANE	11.13	63	649423	4.58	ug/L	100
18) 2-BUTANONE (MEK)	11.96	43	178380	5.74	ug/L	98
19) 2,2-DICHLOROPROPANE	12.35	77	494458	4.35	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.45	96	401347	4.96	ug/L	95
21) CHLOROFORM	12.78	83	691844	4.86	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	365345	5.39	ug/L	98
23) 1,2-DICHLOROETHANE	14.50	62	481243	5.02	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.67	97	488383	4.64	ug/L	99
27) 1,1-DICHLOROPROPENE	14.00	75	519490	4.95	ug/L	98
28) CARBON TETRACHLORIDE	14.26	117	399452	4.67	ug/L	99
29) BENZENE	14.59	78	1398412	5.13	ug/L	99
30) TRICHLOROETHENE	15.86	95	424447	5.21	ug/L	98
31) 1,2-DICHLOROPROPANE	16.23	63	442334	5.75	ug/L	99
32) DIBROMOMETHANE	16.91	174	209668	5.74	ug/L	87
33) BROMODICHLOROMETHANE	16.75	83	524268	5.32	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.22	63	142551	5.01	ug/L	93
35) METHYL ISO-BUTYL KETONE	17.31	58	83233	5.90	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\0215R5.D Vial: 3
Acq On : 15 Feb 2002 10:09 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 10:48 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 10:47:29 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

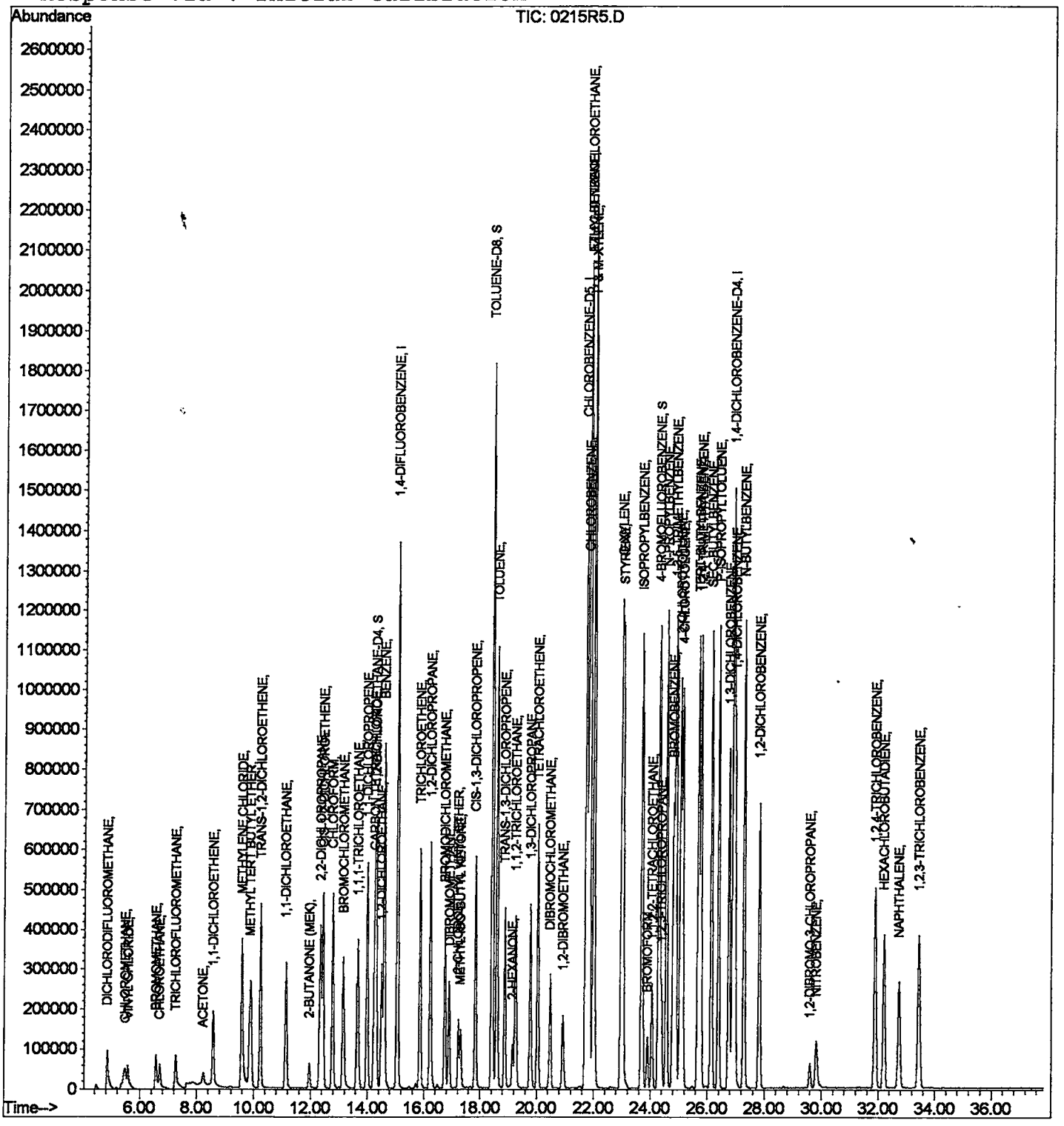
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	CIS-1,3-DICHLOROPROPENE	17.83	75	610233	5.62	ug/L	98
37)	TOLUENE	18.59	91	1568224	5.51	ug/L	99
38)	TRANS-1,3-DICHLOROPROPENE	18.87	75	466571	5.86	ug/L	97
39)	1,1,2-TRICHLOROETHANE	19.26	97	278050	6.03	ug/L	97
40)	TETRACHLOROETHENE	20.04	166	438637	5.66	ug/L	96
41)	1,3-DICHLOROPROPANE	19.78	76	527016	5.83	ug/L	98
42)	DIBROMOCHLOROMETHANE	20.47	129	312574	5.63	ug/L	96
43)	1,2-DIBROMOETHANE	20.93	107	283511	5.67	ug/L	96
44)	CHLOROBENZENE	21.80	112	1084074	5.97	ug/L	95
45)	1,1,1,2-TETRACHLOROETHANE	21.85	131	358364	5.89	ug/L	92
46)	2-HEXANONE	19.15	43	218053	7.70	ug/L	97
47)	ETHYLBENZENE	21.85	91	1902286	5.80	ug/L	97
48)	P & M-XYLENE	22.01	106	1308015	11.68	ug/L	94
49)	O-XYLENE	22.98	91	1515772	5.81	ug/L	98
50)	STYRENE	23.03	104	1098227	5.82	ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	335352	6.52	ug/L	100
53)	BROMOFORM	23.90	173	136902	4.65	ug/L	97
54)	ISOPROPYLBENZENE	23.69	105	1682312	5.49	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.39	110	87048	5.78	ug/L	95
56)	N-PROPYLBENZENE	24.56	91	2183780	5.42	ug/L	100
57)	BROMOBENZENE	24.81	156	445054	5.79	ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.88	105	1450829	5.54	ug/L	98
59)	2-CHLOROTOLUENE	25.05	91	1429393	5.49	ug/L	96
60)	4-CHLOROTOLUENE	25.12	91	1304663	5.60	ug/L	95
61)	TERT-BUTYLBENZENE	25.68	119	1341823	5.69	ug/L	95
62)	1,2,4-TRIMETHYLBENZENE	25.77	105	1494888	5.45	ug/L	96
63)	SEC-BUTYLBENZENE	26.13	105	1904407	5.67	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.39	119	1509015	5.92	ug/L	97
65)	1,3-DICHLOROBENZENE	26.76	146	842675	5.83	ug/L	95
66)	1,4-DICHLOROBENZENE	26.97	146	846124	5.73	ug/L	99
67)	N-BUTYLBENZENE	27.28	91	1566358	5.70	ug/L	97
68)	1,2-DICHLOROBENZENE	27.82	146	734737	5.89	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.59	157	41523	6.07	ug/L	100
70)	1,2,4-TRICHLOROBENZENE	31.89	180	475104	5.94	ug/L	96
71)	HEXACHLOROBUTADIENE	32.21	225	221580	5.70	ug/L	97
72)	NAPHTHALENE	32.75	128	685167	6.39	ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.44	180	392829	6.14	ug/L	98
74)	NITROBENZENE	29.82	77	167768	114.49	ug/L	94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\0215R5.D Vial: 3
Acq On : 15 Feb 2002 10:09 am Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 10:48 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 15:42:02 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:09:46

Sample: AE02718
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 10:59 Ended: 02/15/02 10:59 Analyst: BH
Result source: a:\02718.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.6	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:09:46

Sample: AE02718
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 10:59 Ended: 02/15/02 10:59 Analyst: BH
Result source: a:\02718.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\02718.D Vial: 8
Acq On : 15 Feb 2002 2:22 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:00 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1780305	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.76	117	1683507	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	803974	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	603638	4.45	ug/L	0.00
Spiked Amount 5.000			Recovery =	89.00%		
3) 4-BROMOFLUOROBENZENE	24.34	174	610731	4.56	ug/L	-0.02
Spiked Amount 5.000			Recovery =	91.20%		
25) TOLUENE-D8	18.45	98	2175512	5.21	ug/L	-0.02
Spiked Amount 5.000			Recovery =	104.20%		
Target Compounds						Qvalue
12) ACETONE	8.27	43	61001	4.98	ug/L	100
14) METHYLENE CHLORIDE	9.63	49	22210	0.22	ug/L	94
18) 2-BUTANONE (MEK)	12.01	43	30870	1.09	ug/L	99
46) 2-HEXANONE	19.10	43	15041	0.60	ug/L	30

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

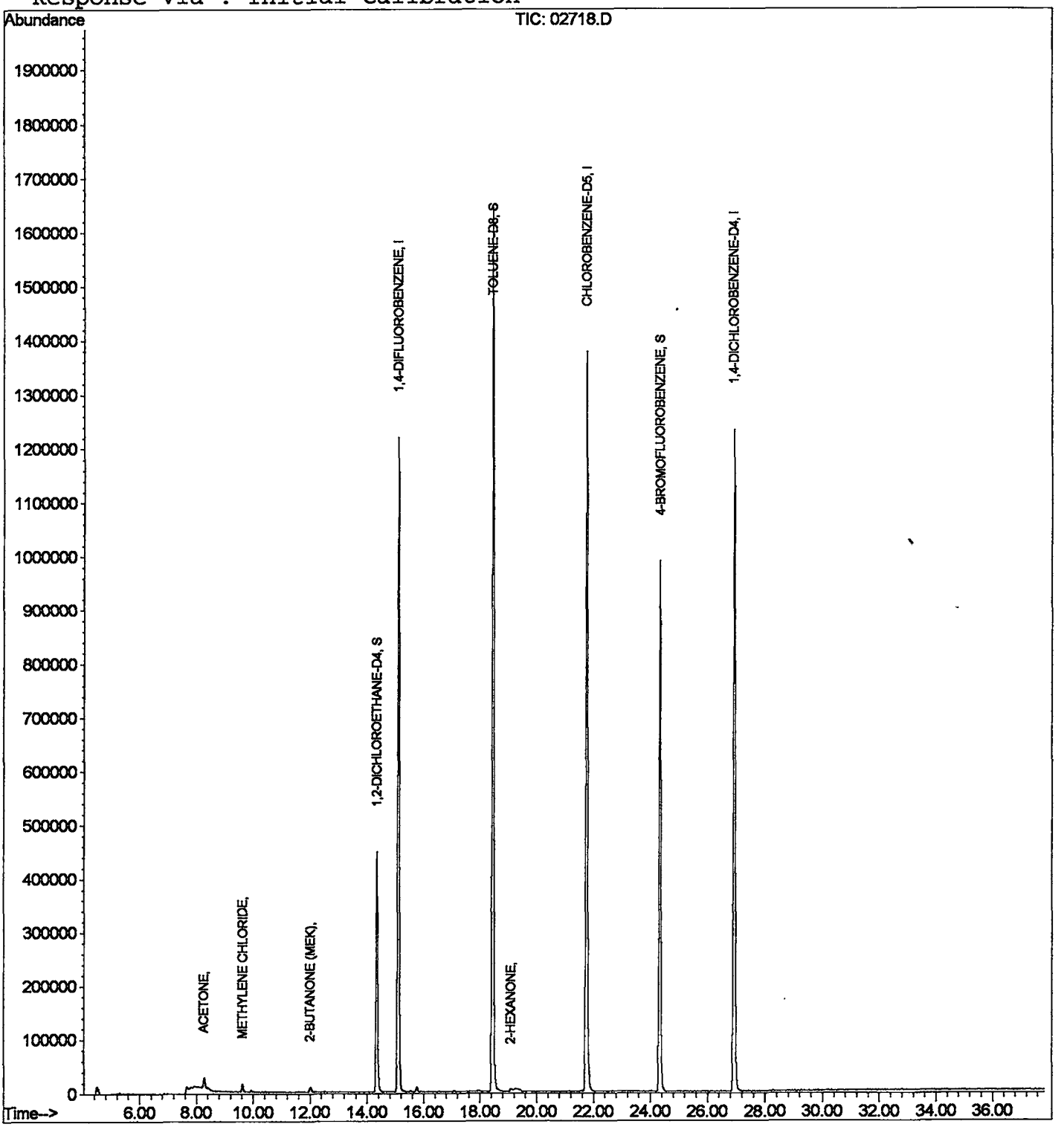
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\02718.D
Acq On : 15 Feb 2002 2:22 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 15 15:00 2002

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

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\02718.D Vial: 8
Acq On : 15 Feb 2002 2:22 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

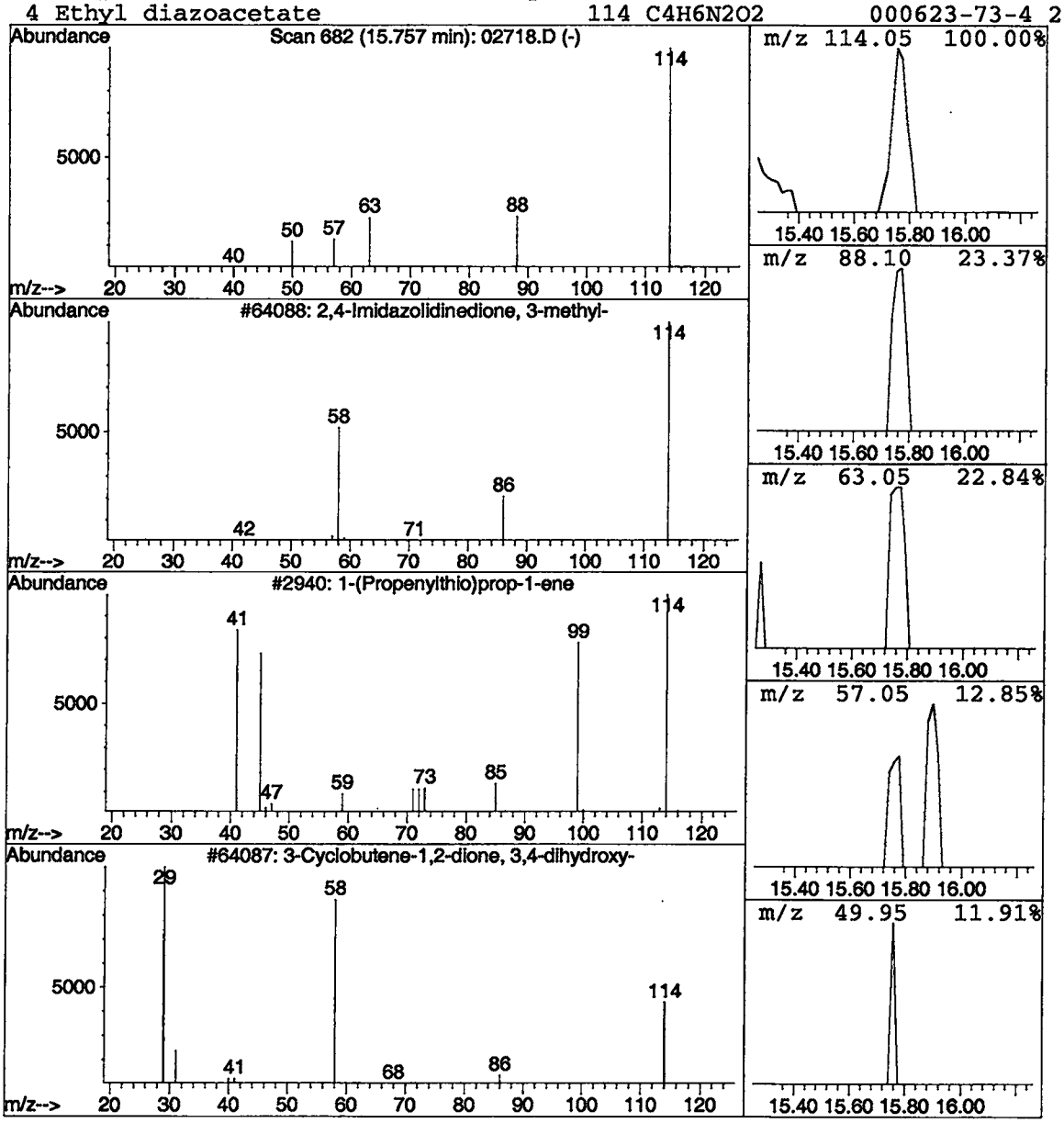
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2,4-Imidazolidinedione, 3-meth Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	37671	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:11:17

Sample: AE02719
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:01 Ended: 02/15/02 11:01 Analyst: BH
Result source: a:\02719.rr
Page: 1

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

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:11:17

Sample: AE02719
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:01 Ended: 02/15/02 11:01 Analyst: BH
Result source: a:\02719.rr
Page: 2

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\02719.D Vial: 9
Acq On : 15 Feb 2002 3:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 25 12:54 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1023050	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	955881	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	451875	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	350573	4.50	ug/L	0.00
Spiked Amount 5.000			Recovery = 90.00%			
3) 4-BROMOFLUOROBENZENE	24.34	174	344560	4.48	ug/L	-0.02
Spiked Amount 5.000			Recovery = 89.60%			
25) TOLUENE-D8	18.46	98	1246642	5.26	ug/L	-0.02
Spiked Amount 5.000			Recovery = 105.20%			
Target Compounds						Qvalue
12) ACETONE	8.27	43	66578	9.47	ug/L	96
14) METHYLENE CHLORIDE	9.63	49	12965	0.22	ug/L	95
15) METHYL TERT BUTYL ETHER	9.94	73	11631	0.18	ug/L	84
18) 2-BUTANONE (MEK)	12.02	43	20855	1.28	ug/L	100
37) TOLUENE	18.63	91	11113	0.08	ug/L	99

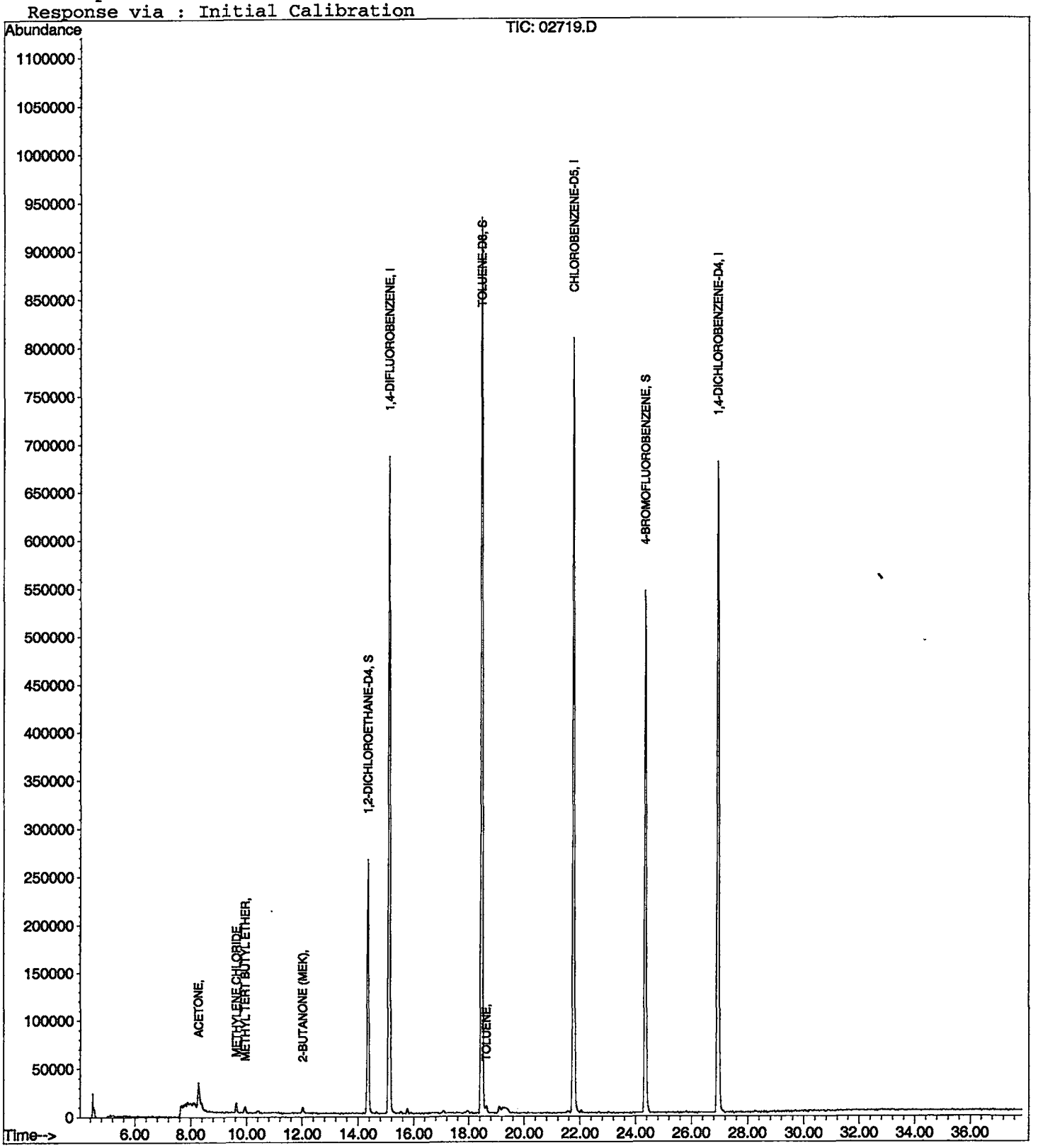
(#) = qualifier out of range (m) = manual integration
02719.D HP021702.M Mon Feb 25 12:54:57 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\02719.D
Acq On : 15 Feb 2002 3:05 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 25 12:54 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021302.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\02FEB15\02719.D Vial: 9
Acq On : 15 Feb 2002 3:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

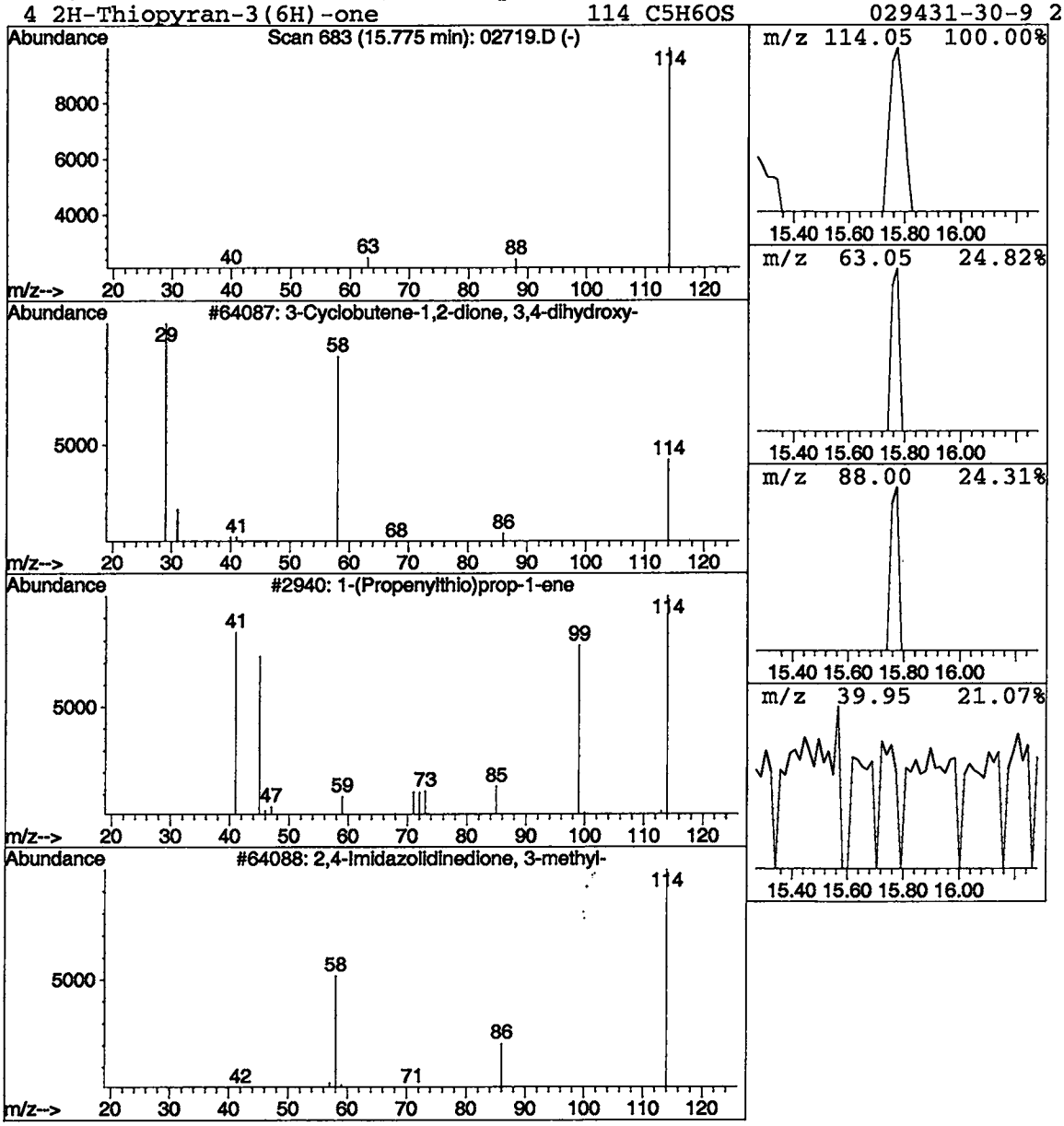
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	18052	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	2H-Thiopyran-3(6H)-one	114	C5H6OS	029431-30-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\02719.D Vial: 9
Acq On : 15 Feb 2002 3:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

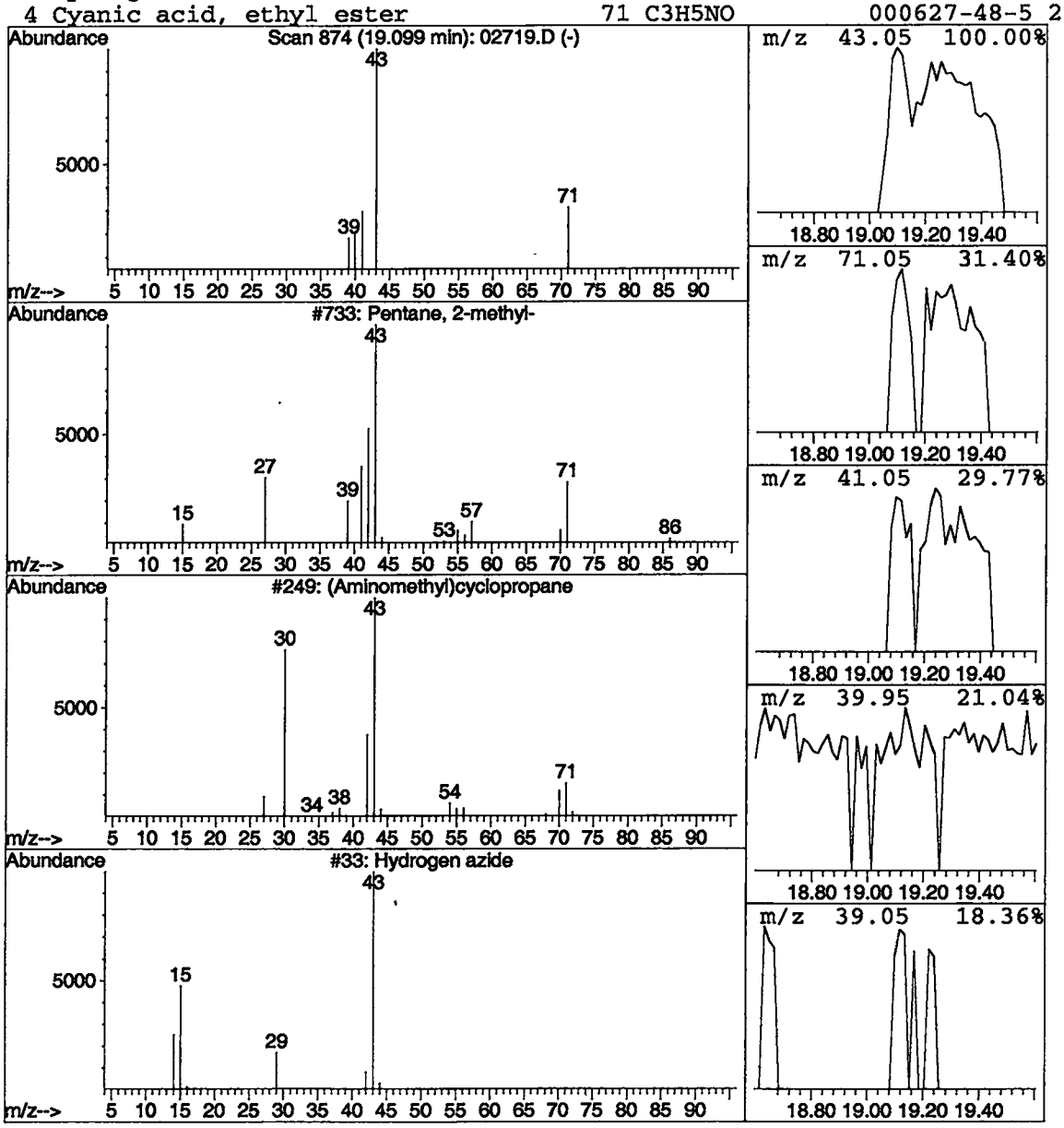
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Pentane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	0.07 ug/L	45405	CHLOROBENZENE-D5	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	4
2	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	3
3	Hydrogen azide	43	HN3	007782-79-8	2
4	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:12:10

Sample: AE02720
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:03 Ended: 02/15/02 11:03 Analyst: BH
Result source: a:\02720.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.4	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:12:10

Sample: AE02720
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:03 Ended: 02/15/02 11:03 Analyst: BH
Result source: a:\02720.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\02720.D Vial: 10
Acq On : 15 Feb 2002 3:50 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 16:29 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1007353	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	941282	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	441783	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	344715	4.49	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.80%			
3) 4-BROMOFLUOROBENZENE	24.35	174	332919	4.40	ug/L	0.00
Spiked Amount 5.000			Recovery = 88.00%			
25) TOLUENE-D8	18.47	98	1225210	5.25	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
12) ACETONE	8.27	43	38974	5.63	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	12553	0.22	ug/L	92
18) 2-BUTANONE (MEK)	12.01	43	21502	1.34	ug/L	97
46) ~~2-HEXANONE~~	19.12	43	18753	1.33	ug/L	30

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

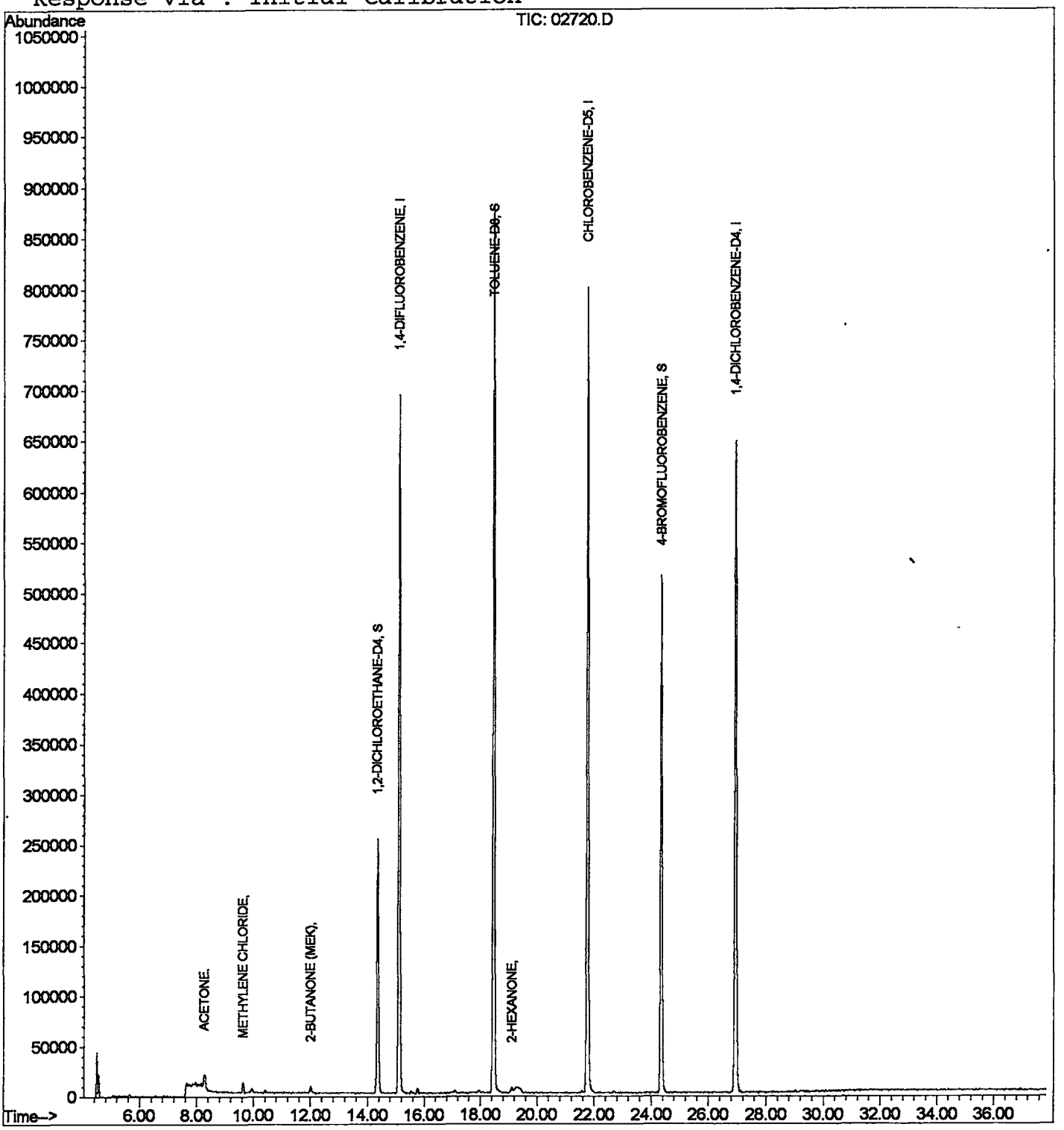
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\02720.D
Acq On : 15 Feb 2002 3:50 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 15 16:29 2002

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

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\02720.D Vial: 10
Acq On : 15 Feb 2002 3:50 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

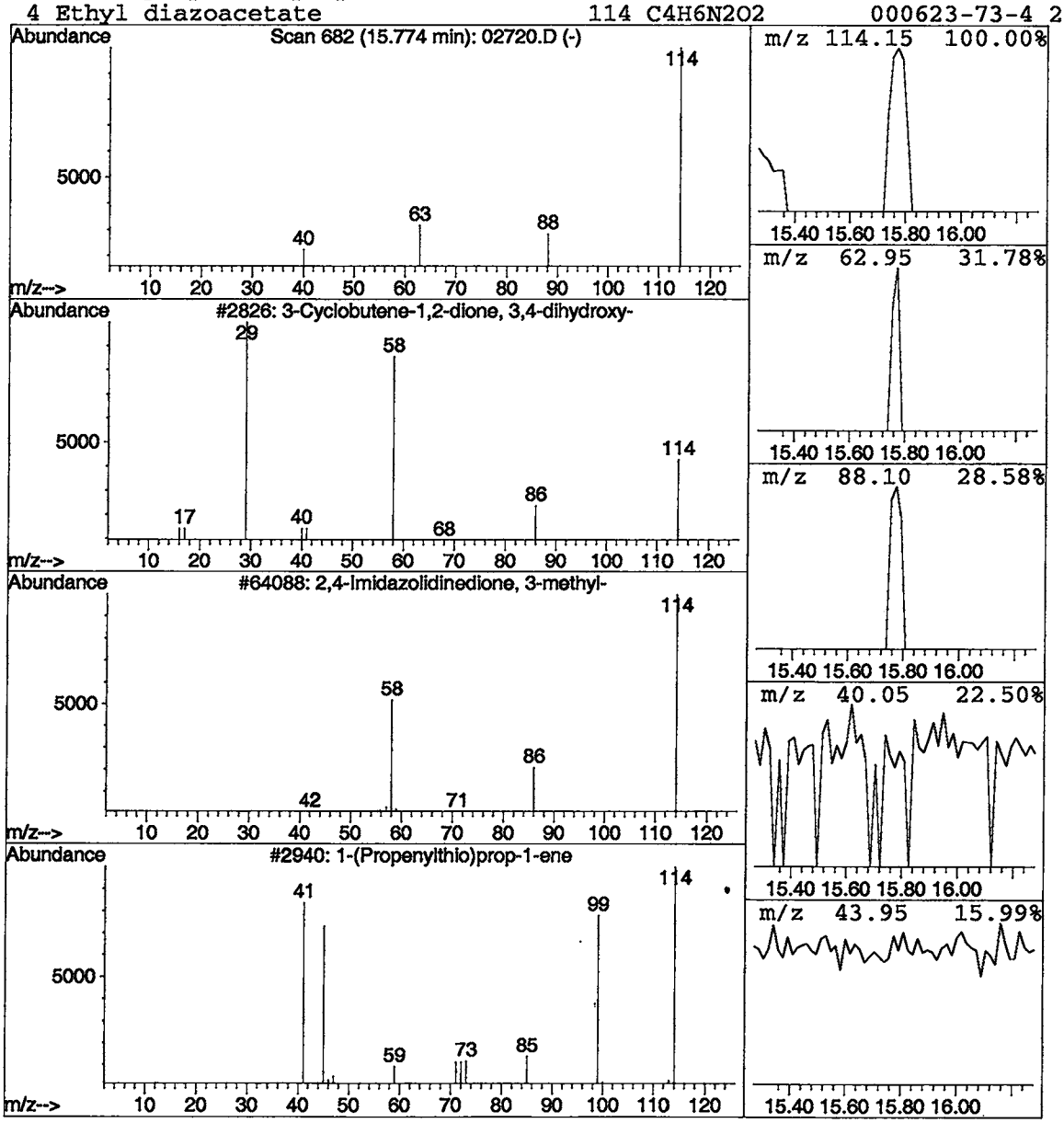
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	21575	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	7
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\02720.D Vial: 10
Acq On : 15 Feb 2002 3:50 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

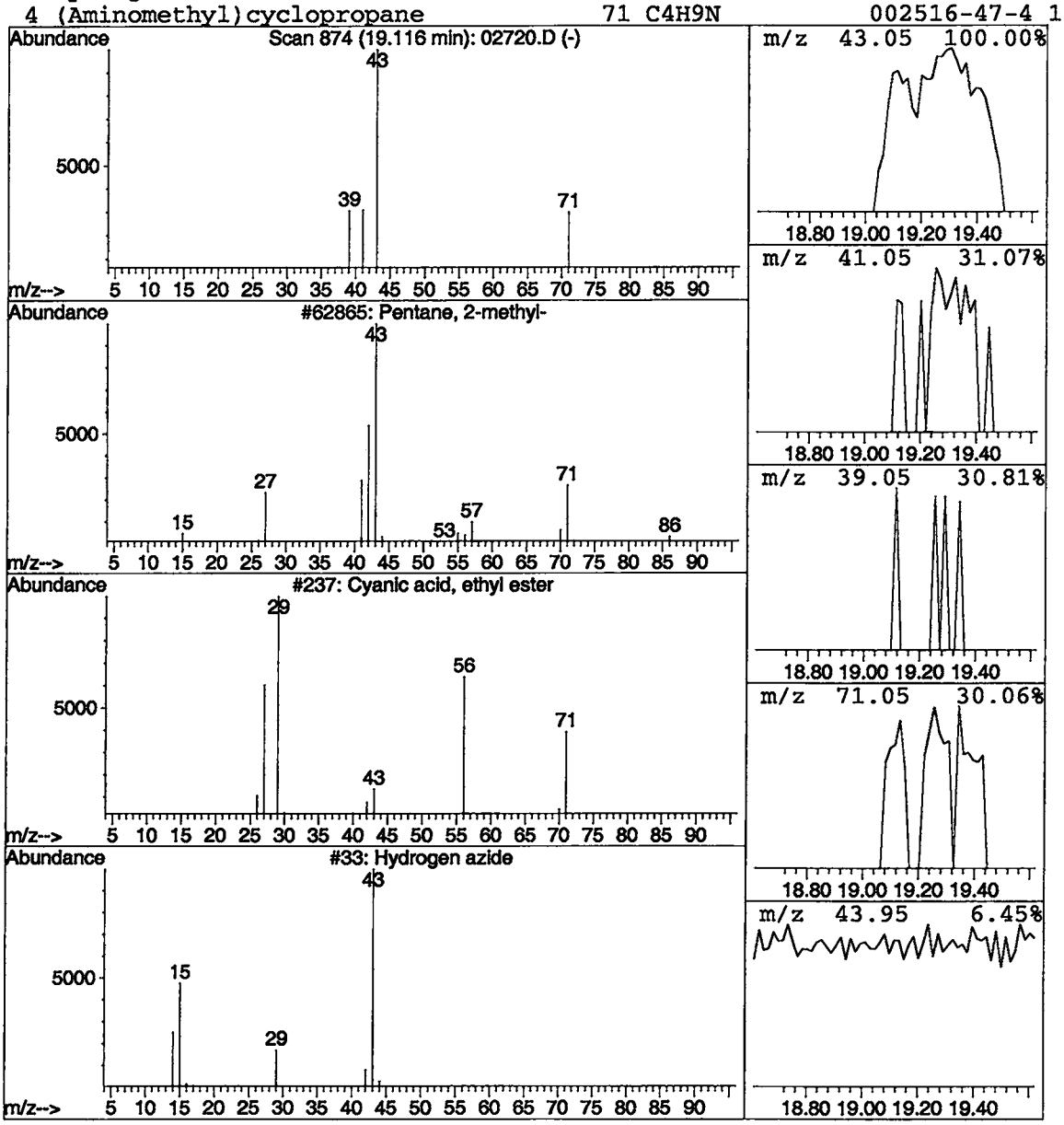
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	0.04 ug/L	24280	CHLOROBENZENE-D5	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	2
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	2
3	Hydrogen azide	43	HN3	007782-79-8	1
4	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	1



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:13:03

Sample: AE03014
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:05 Ended: 02/15/02 11:05 Analyst: BH
Result source: a:\03014.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.4	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:13:03

Sample: AE03014
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:05 Ended: 02/15/02 11:05 Analyst: BH
Result source: a:\03014.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03014.D Vial: 11
Acq On : 15 Feb 2002 4:34 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 17:26 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

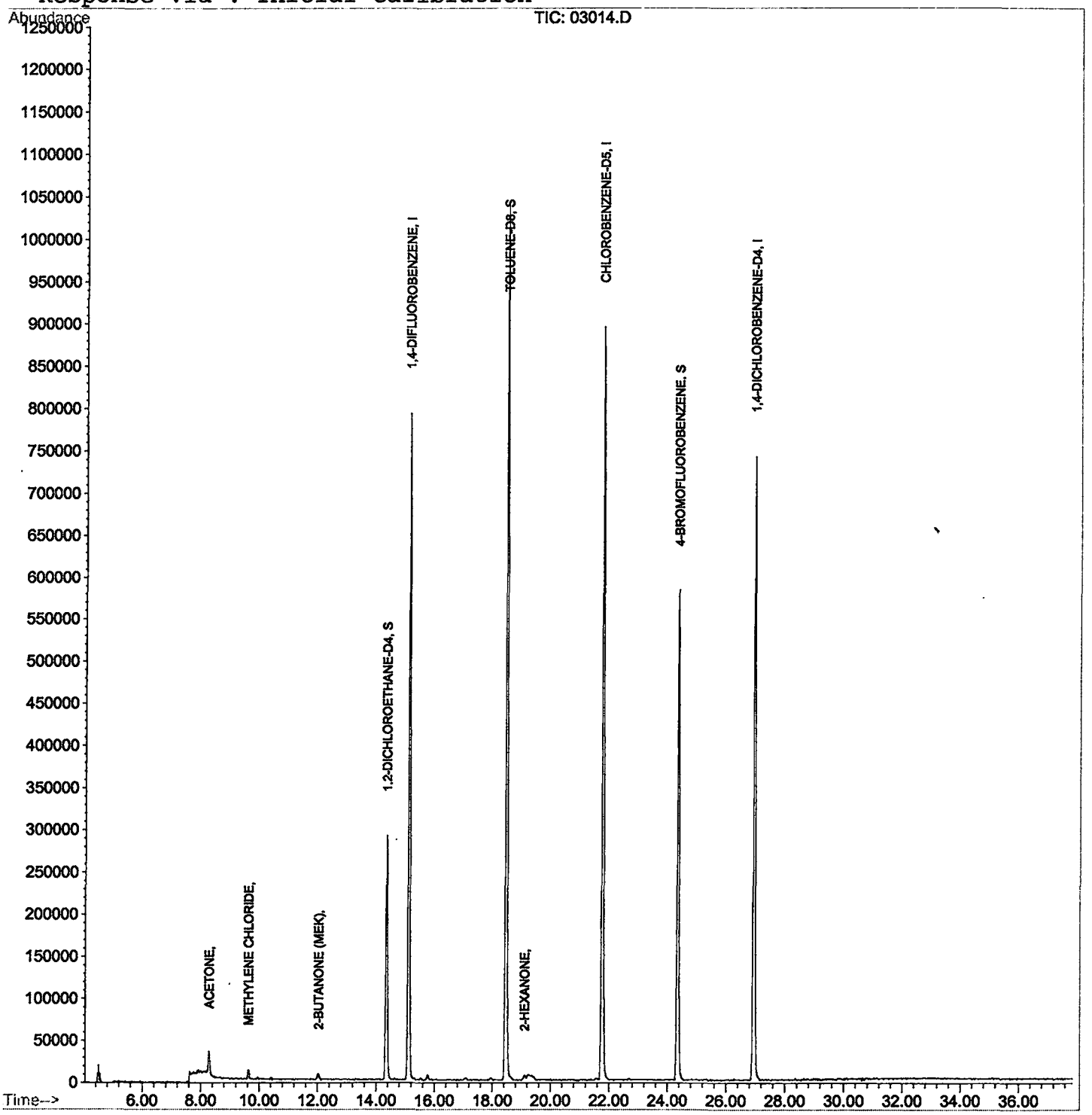
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1132641	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1057176	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	483330	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	392917	4.56	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.20%			
3) 4-BROMOFLUOROBENZENE	24.35	174	373668	4.39	ug/L	0.00
Spiked Amount 5.000			Recovery = 87.80%			
25) TOLUENE-D8	18.47	98	1381462	5.27	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.40%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	74068	9.51	ug/L	100
14) METHYLENE CHLORIDE	9.63	49	15382	0.24	ug/L	89
18) 2-BUTANONE (MEK)	12.03	43	23457	1.30	ug/L	92
46) ~~2-HEXANONE~~	19.11	43	14823	0.93	ug/L	30

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03014.D Vial: 11
Acq On : 15 Feb 2002 4:34 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 17:26 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03014.D Vial: 11
Acq On : 15 Feb 2002 4:34 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

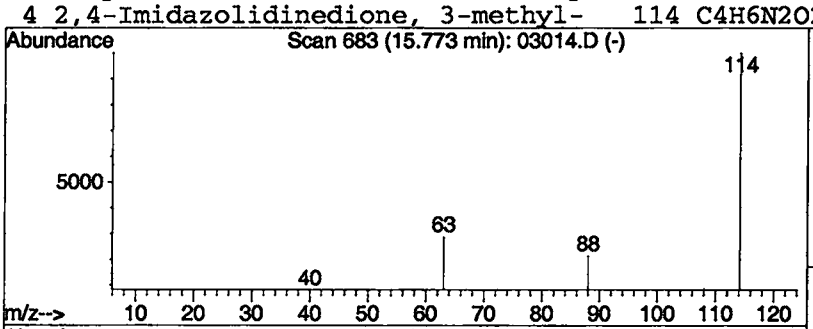
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

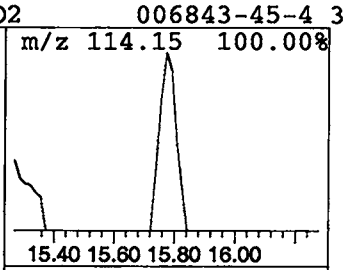
****

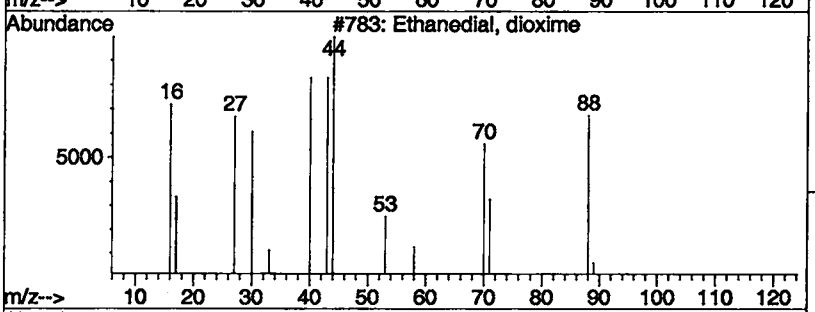
Peak Number 1 Ethanedial, dioxime Concentration Rank 7

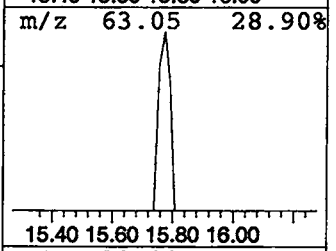
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	21832	1,4-DIFLUOROBENZENE	15.11

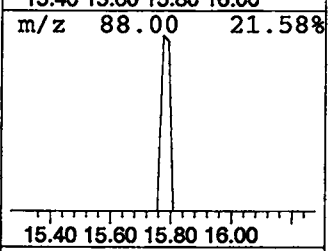
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedial, dioxime	88	C2H4N2O2	000557-30-2	4
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3

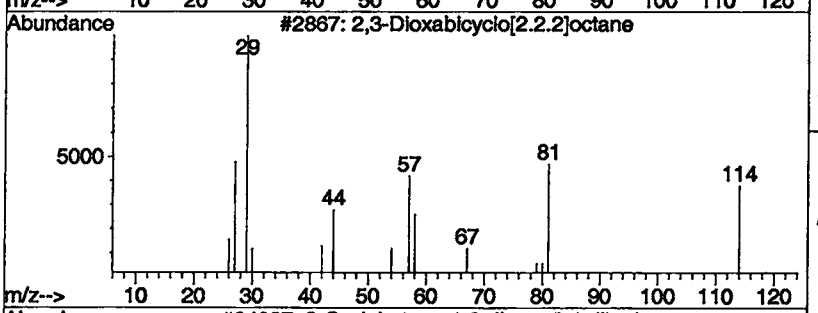


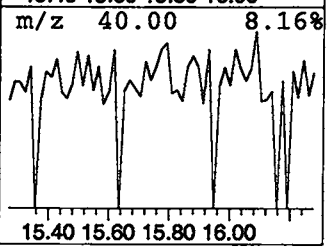


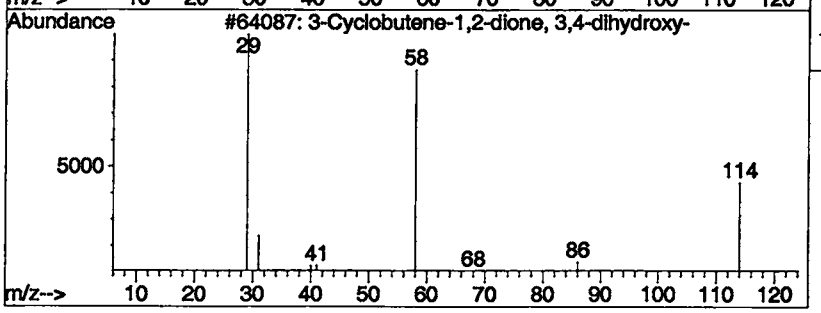












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:14:04

Sample: AE03015
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 10:48 Ended: 02/15/02 10:48 Analyst: BH
Result source: a:\03015.rr
Page: 1

	Component Name	Viol.	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY BV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:14:04

Sample: AE03015
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 10:48 Ended: 02/15/02 10:48 Analyst: BH
Result source: a:\03015.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\03015.D Vial: 12
Acq On : 15 Feb 2002 5:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 18:27 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1593942	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1493936	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	666877	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	541075	4.46	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.20%			
3) 4-BROMOFLUOROBENZENE	24.36	174	519549	4.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.80%			
25) TOLUENE-D8	18.47	98	1929121	5.21	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.20%			
Target Compounds						Qvalue
12) ACETONE	8.27	43	64807	5.91	ug/L	94
14) METHYLENE CHLORIDE	9.63	49	18013	0.20	ug/L	95
18) 2-BUTANONE (MEK)	12.02	43	29181	1.15	ug/L	99
46) ~~2-HEXANONE~~	19.12	43	15932	0.71	ug/L	30

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

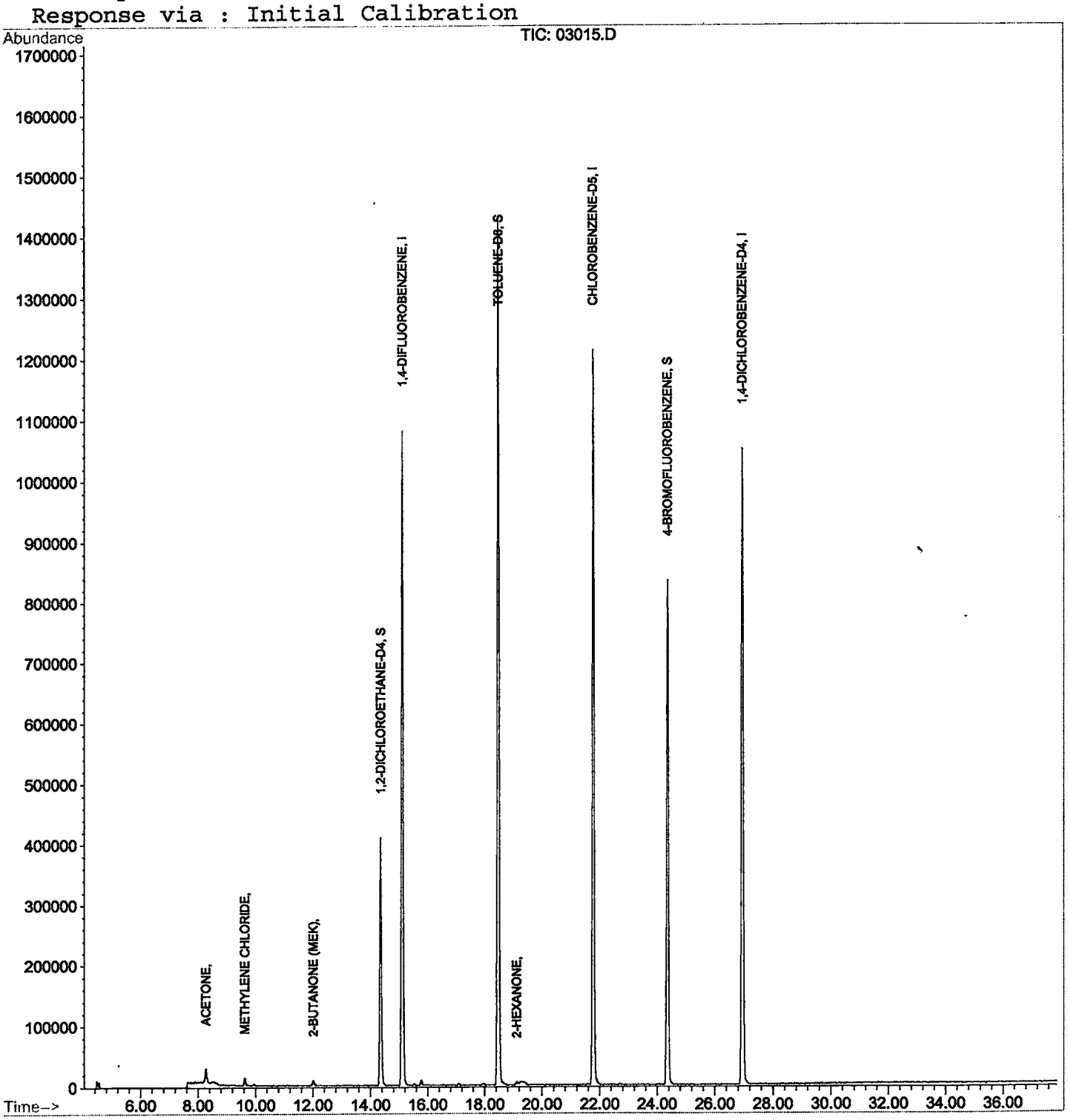
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\03015.D
Acq On : 15 Feb 2002 5:48 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 15 18:27 2002

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

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02feb15\03015.D Vial: 12
Acq On : 15 Feb 2002 5:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

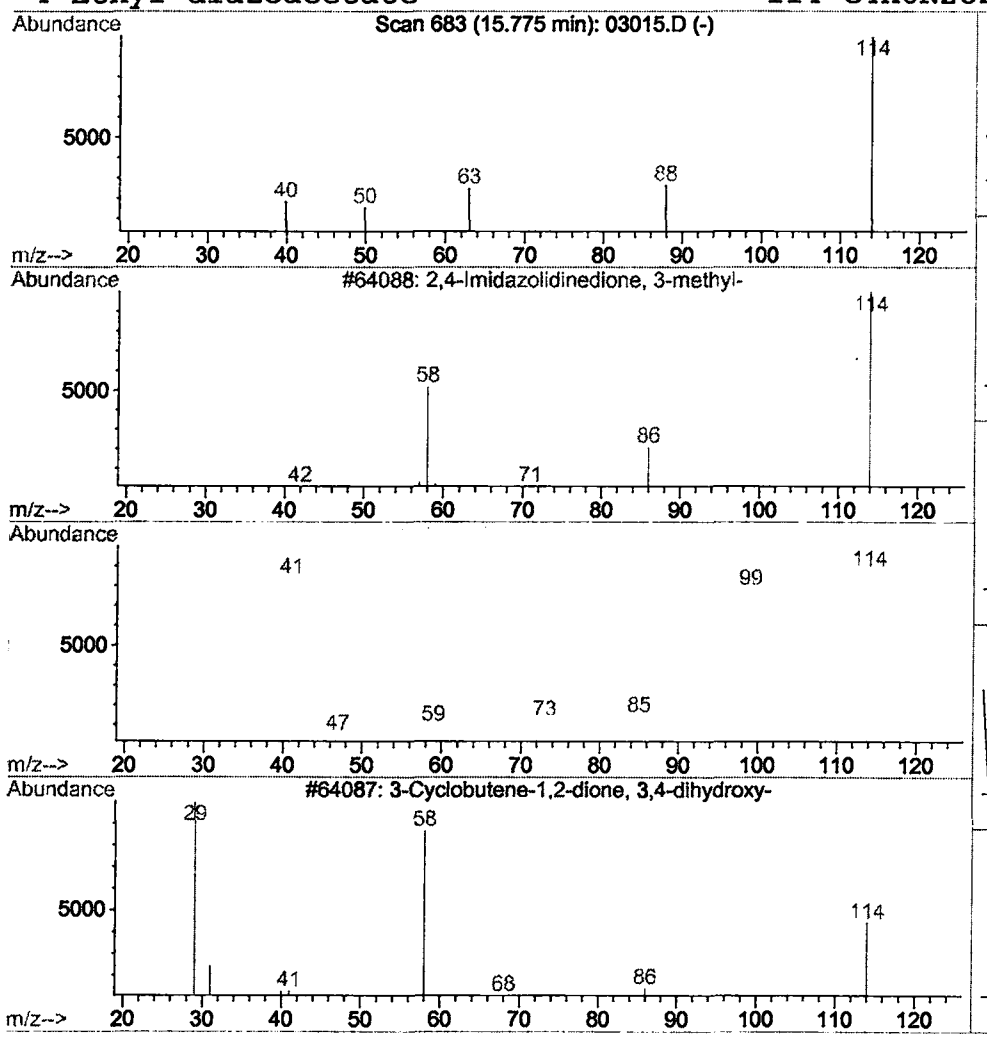
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

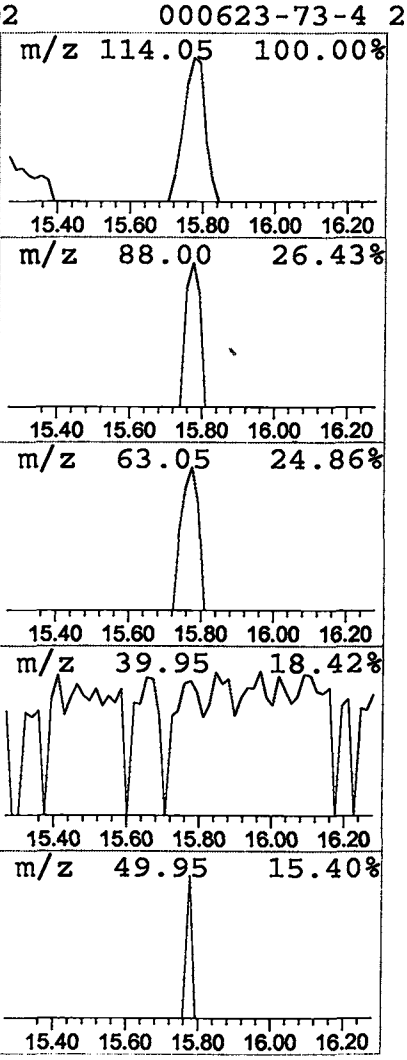
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.04 ug/L	35632	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb15\03015.D
Acq On : 15 Feb 2002 5:48 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: LSCINT.P

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

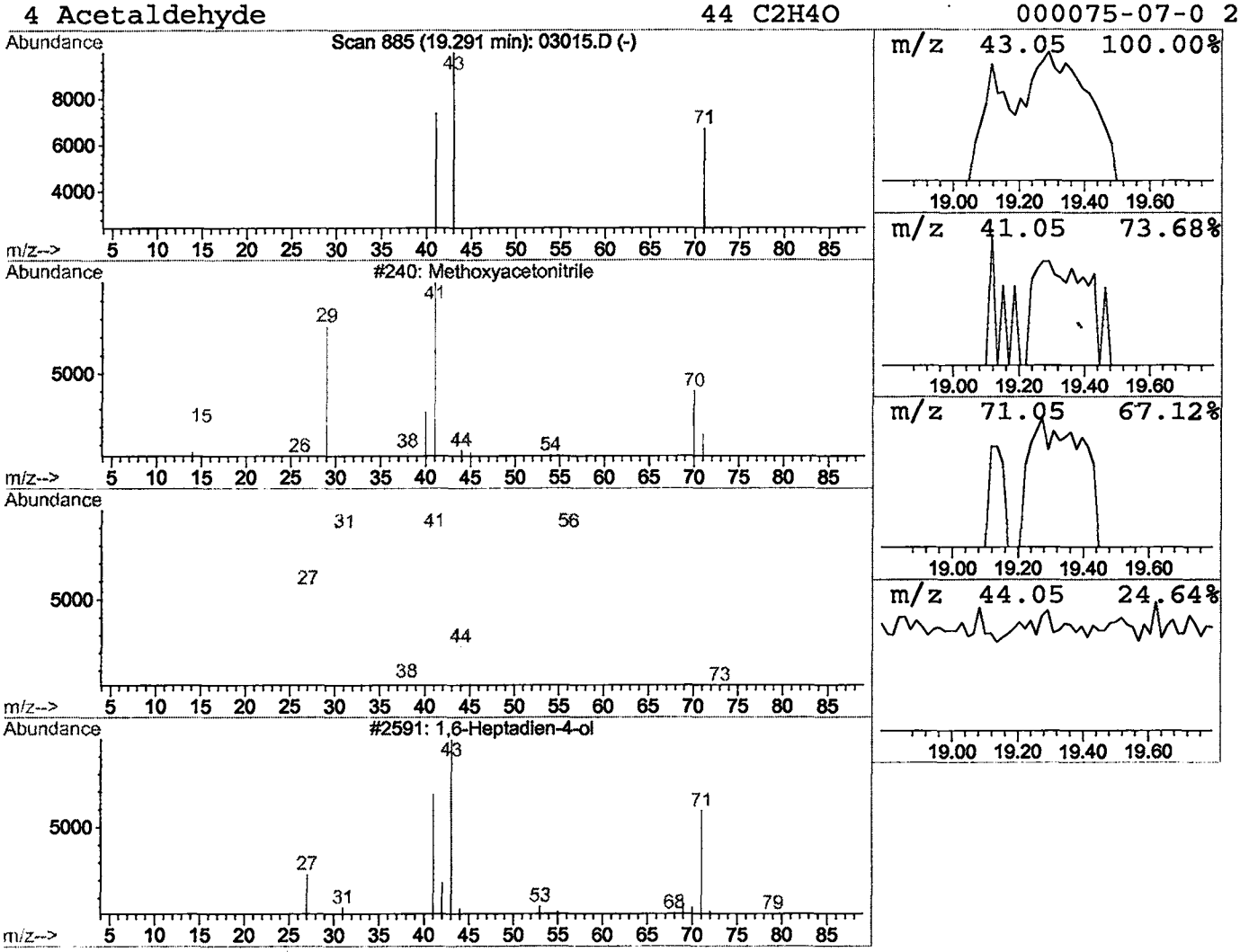
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Methoxyacetonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	0.04 ug/L	35940	CHLOROBENZENE-D5	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetonitrile	71	C3H5NO	001738-36-9	3
2	1-Butanol	74	C4H10O	000071-36-3	2
3	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	2
4	Acetaldehyde	44	C2H4O	000075-07-0	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:15:19

Sample: AE03016
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 19:12 Ended: 02/15/02 19:12 Analyst: BH
Result source: a:\03016.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:15:19

Sample: AE03016
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 19:12 Ended: 02/15/02 19:12 Analyst: BH
Result source: a:\03016.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\03016.D Vial: 13
Acq On : 15 Feb 2002 6:32 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 19:10 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1019210	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	948058	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	431093	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	357450	4.61	ug/L	0.00
Spiked Amount 5.000			Recovery = 92.20%			
3) 4-BROMOFLUOROBENZENE	24.35	174	329942	4.31	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.20%			
25) TOLUENE-D8	18.47	98	1239869	5.27	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.40%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	41523	5.93	ug/L	96
14) METHYLENE CHLORIDE	9.63	49	12402	0.21	ug/L	96
18) 2-BUTANONE (MEK)	12.03	43	21843	1.35	ug/L	96
46) ~~2-HEXANONE~~	19.13	43	17759	1.25	ug/L	30

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

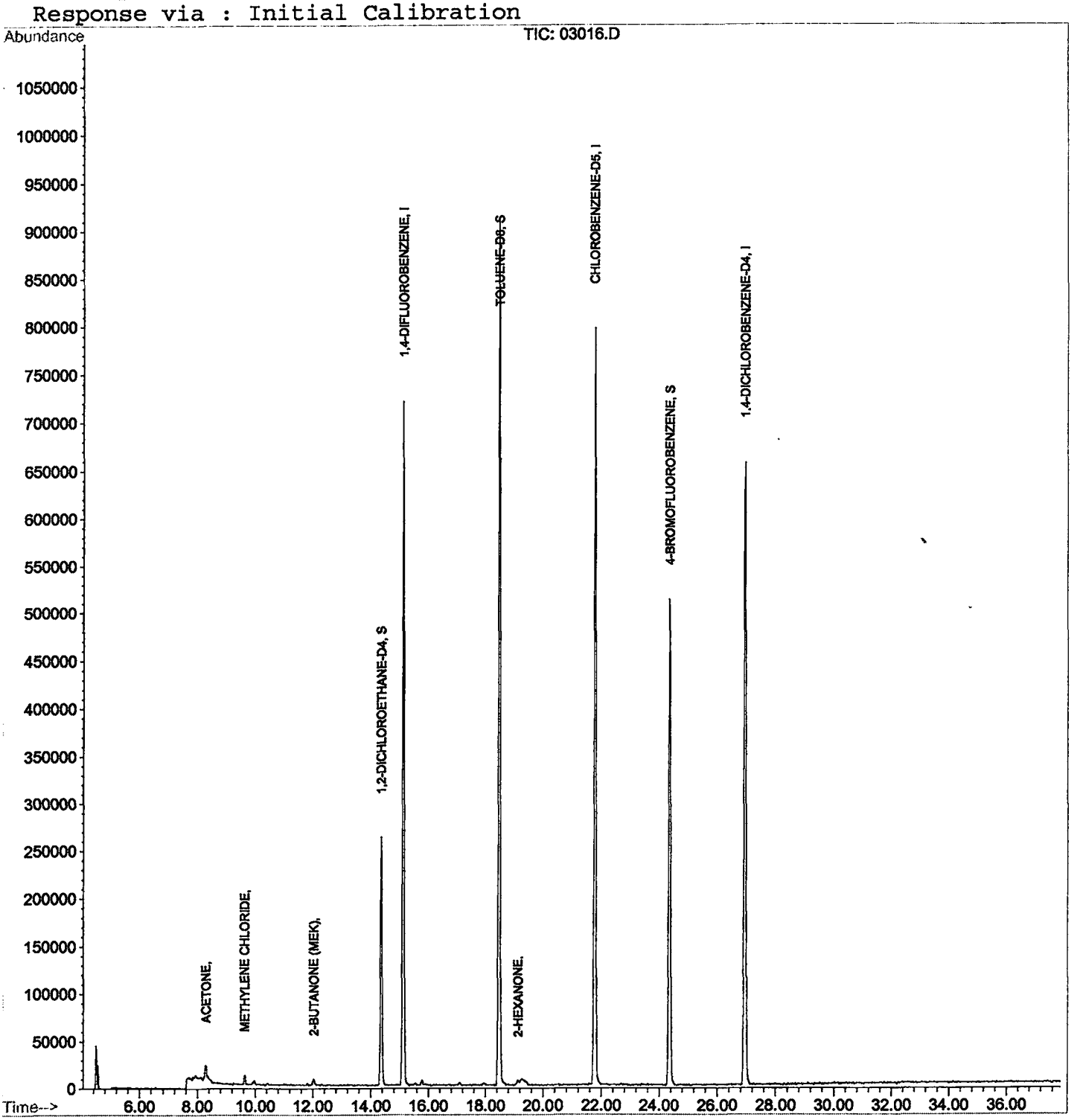
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\03016.D
Acq On : 15 Feb 2002 6:32 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 15 19:10 2002

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02feb15\03016.D Vial: 13
Acq On : 15 Feb 2002 6:32 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

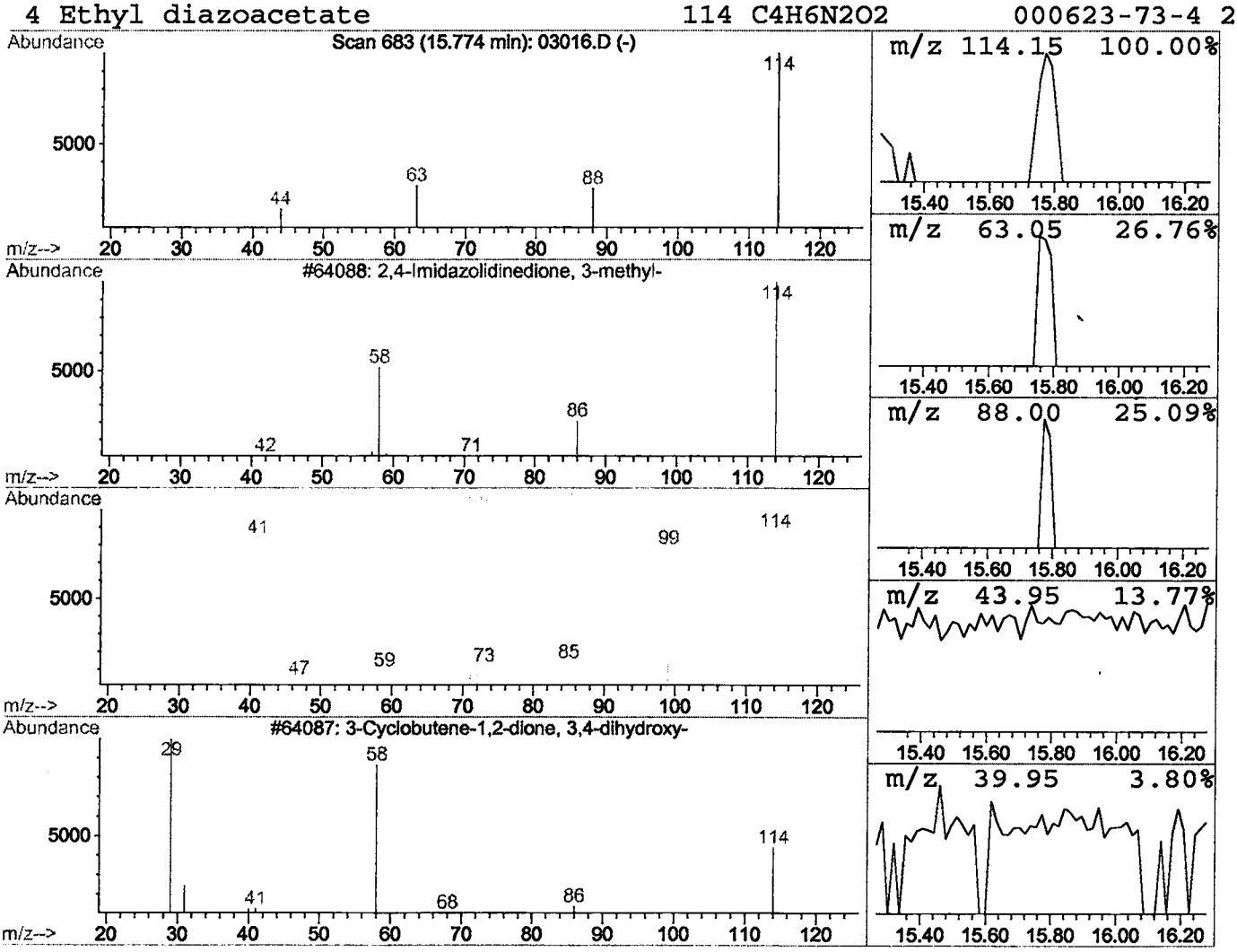
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2,4-Imidazolidinedione, 3-meth Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	20253	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:16:00

Sample: AE03018
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 19:57 Ended: 02/15/02 19:57 Analyst: BH
Result source: a:\03018.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:16:00

Sample: AE03018
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 19:57 Ended: 02/15/02 19:57 Analyst: BH
Result source: a:\03018.rr
Page: 2

	Component Name	Vlol	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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\03018.D Vial: 14
Acq On : 15 Feb 2002 7:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 19:54 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

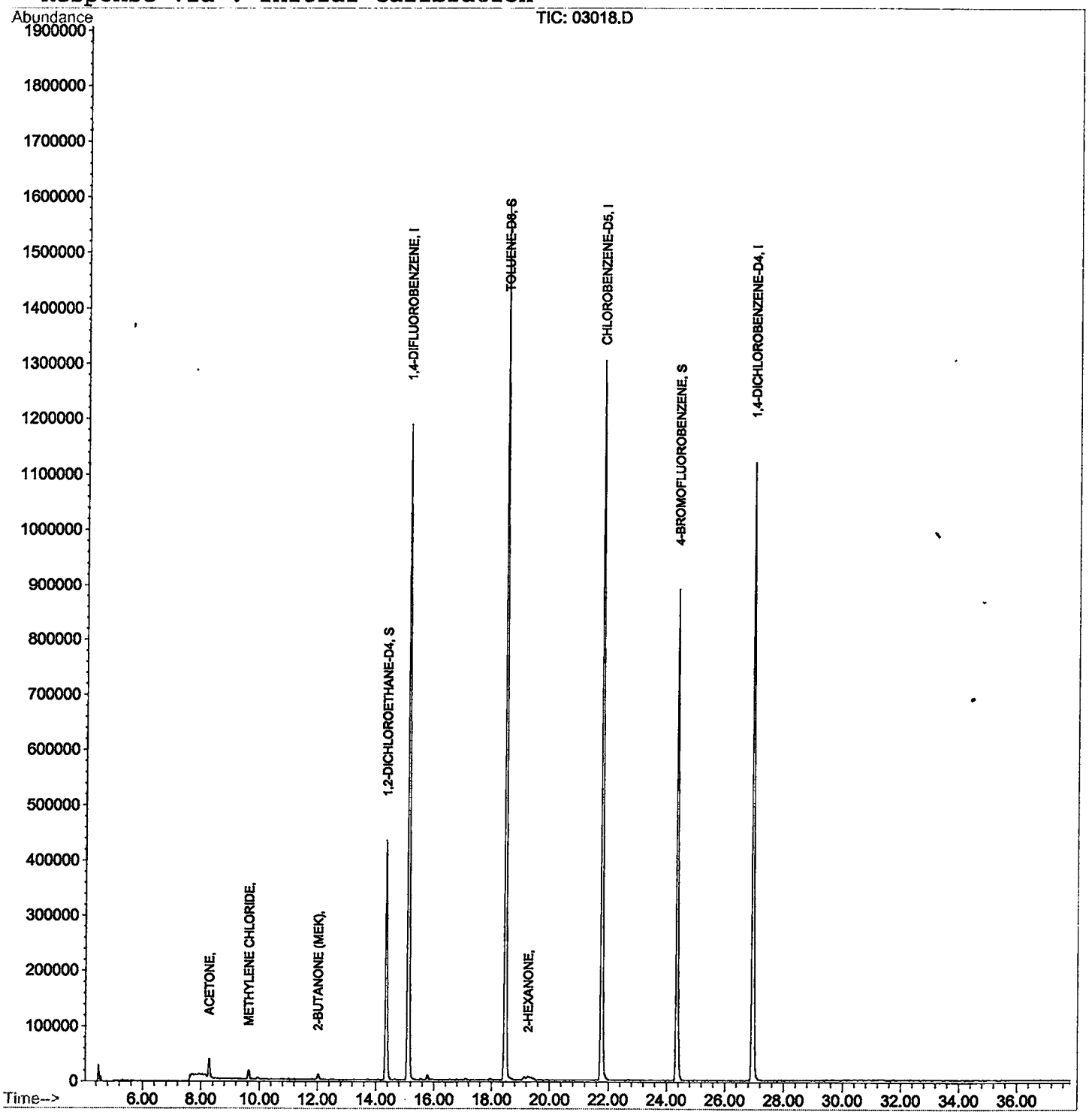
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1712250	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1601960	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	711826	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	592262	4.54	ug/L	0.00
Spiked Amount 5.000			Recovery = 90.80%			
3) 4-BROMOFLUOROBENZENE	24.35	174	550636	4.28	ug/L	0.00
Spiked Amount 5.000			Recovery = 85.60%			
25) TOLUENE-D8	18.47	98	2076469	5.23	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.60%			
Target Compounds						Qvalue
12) ACETONE	8.27	43	99103	8.42	ug/L	98
14) METHYLENE CHLORIDE	9.63	49	21077	0.21	ug/L	96
18) 2-BUTANONE (MEK)	12.01	43	30019	1.10	ug/L	96
46) 2-HEXANONE	19.25	43	44385	1.85	ug/L	30

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\03018.D Vial: 14
Acq On : 15 Feb 2002 7:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 19:54 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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

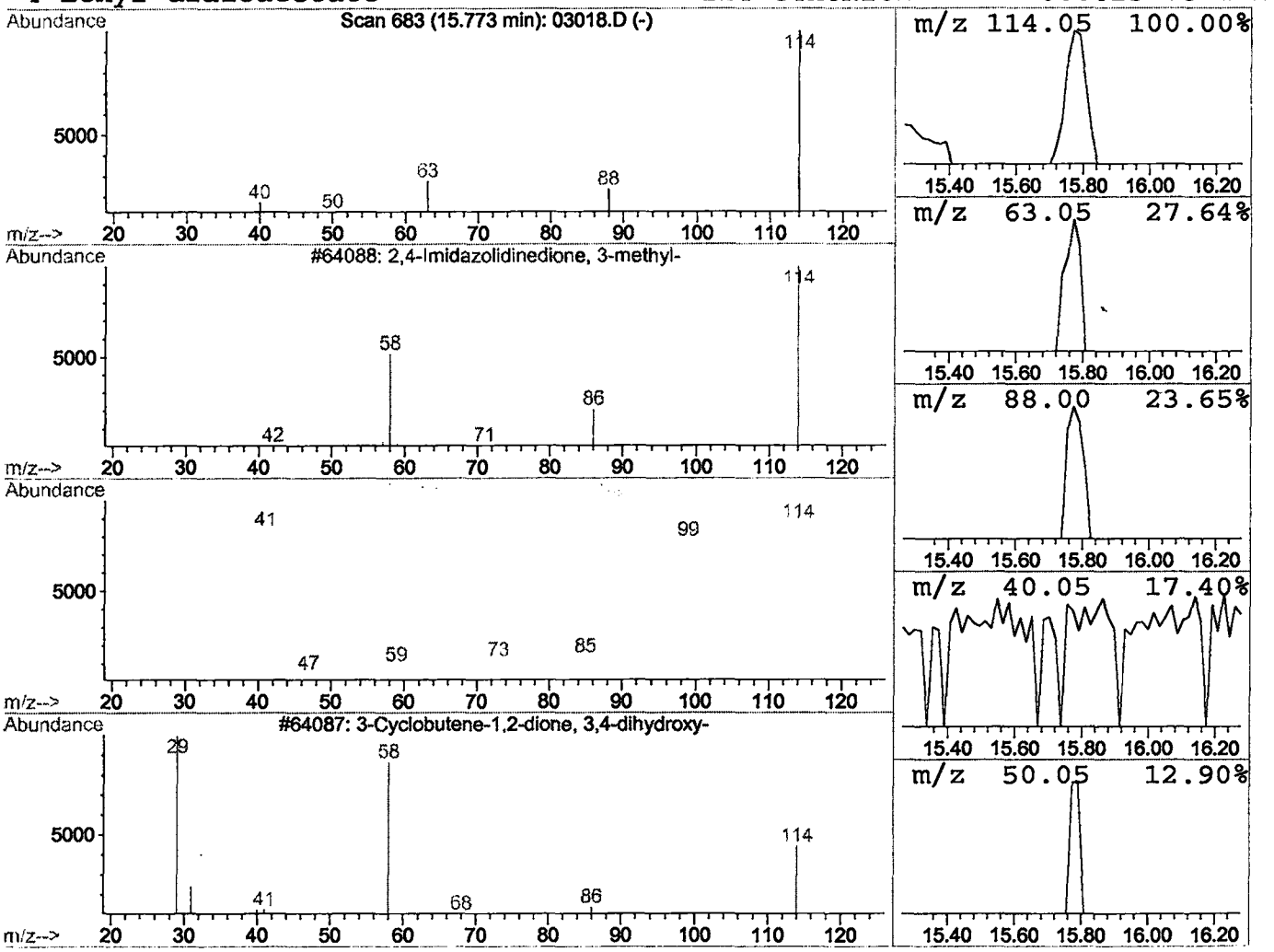
Data File : C:\HPCHEM\1\DATA\02feb15\03018.D Vial: 14
Acq On : 15 Feb 2002 7:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
-
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	37439	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb15\03018.D Vial: 14
Acq On : 15 Feb 2002 7:15 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

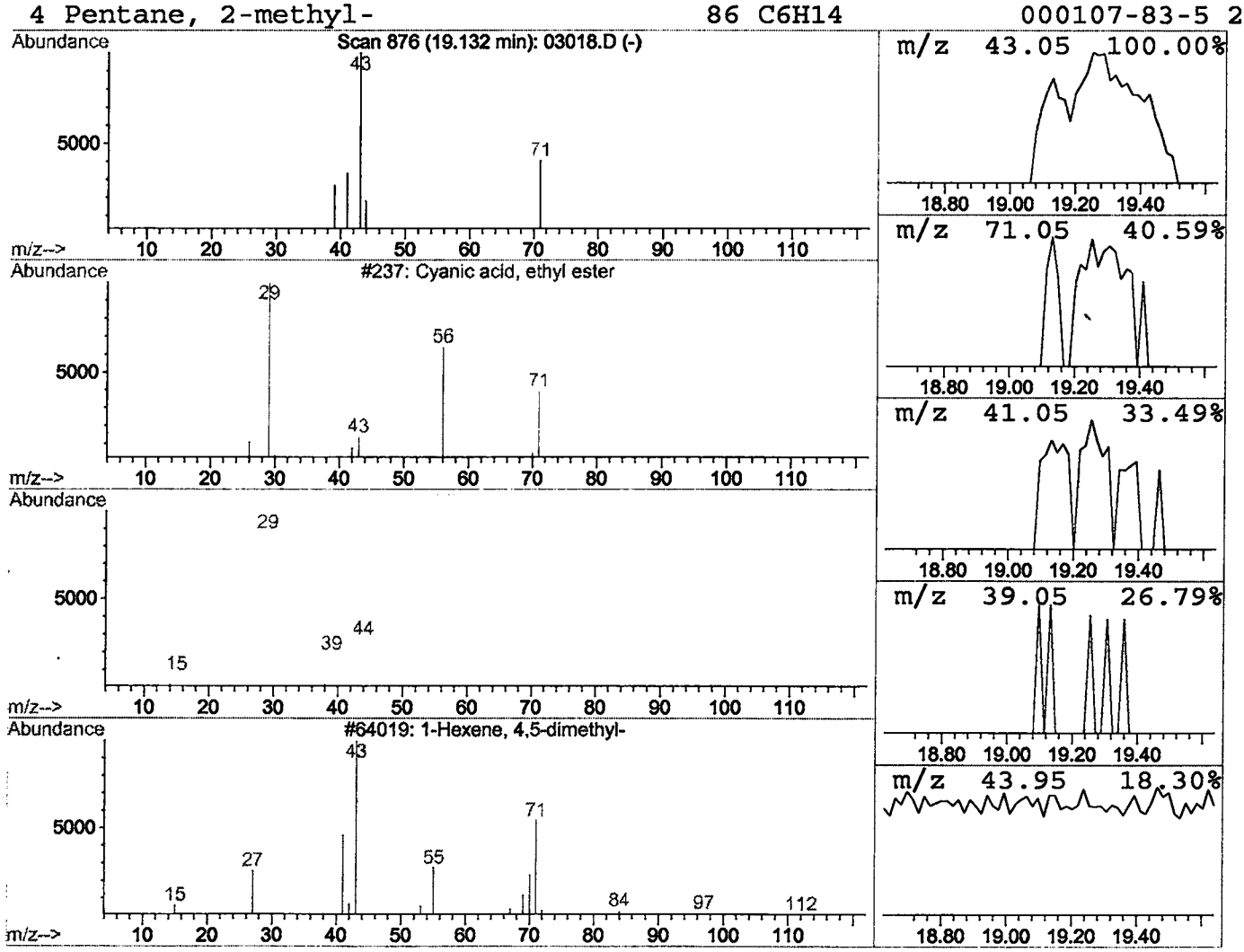
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Cyanic acid, ethyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	0.03 ug/L	27353	CHLOROBENZENE-D5	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	3
2	Propane	44	C3H8	000074-98-6	2
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	2
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:16:21

Sample: AE03019
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 20:38 Ended: 02/15/02 20:38 Analyst: BH
Result source: a:\03019.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:16:21

Sample: AE03019
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 20:38 Ended: 02/15/02 20:38 Analyst: BH
Result source: a:\03019.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\03019.D Vial: 15
Acq On : 15 Feb 2002 7:58 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 20:37 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1477569	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1386955	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	583162	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	519233	4.62	ug/L	0.02
Spiked Amount 5.000			Recovery = 92.40%			
3) 4-BROMOFLUOROBENZENE	24.36	174	478353	4.31	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.20%			
25) TOLUENE-D8	18.47	98	1796502	5.22	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	43576	4.29	ug/L	91
14) METHYLENE CHLORIDE	9.65	49	18415	0.22	ug/L	93
18) 2-BUTANONE (MEK)	12.03	43	26894	1.14	ug/L	100
46) ~~2-HEXANONE~~	19.13	43	16846	0.81	ug/L	30

(#) = qualifier out of range (m) = manual integration
03019.D HP021302.M Fri Feb 15 20:37:13 2002 Page 1

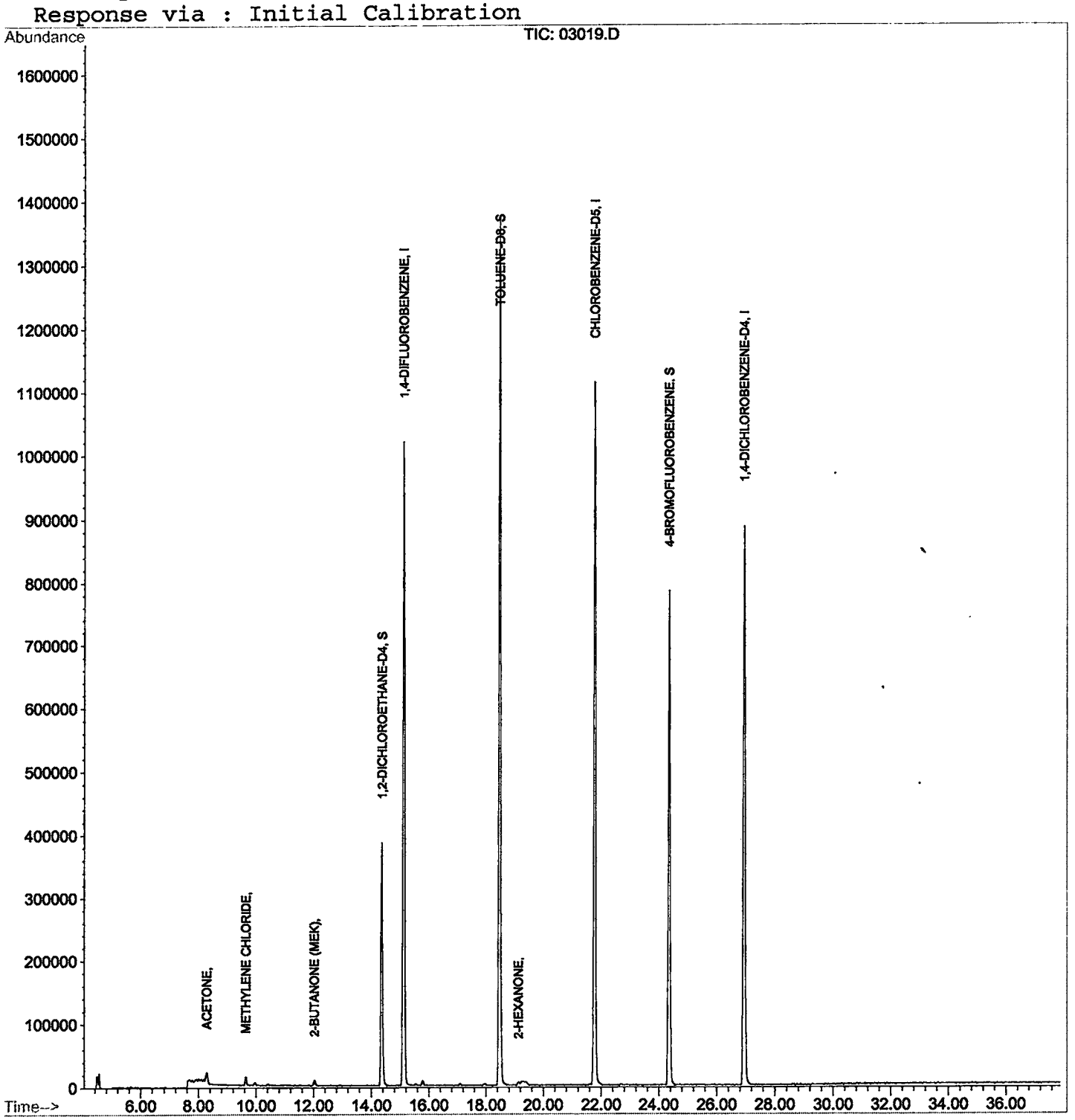
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\03019.D
Acq On : 15 Feb 2002 7:58 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 15 20:37 2002

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02feb15\03019.D
Acq On : 15 Feb 2002 7:58 pm
Sample : nyc
Misc : February 15, 2002
MS Integration Params: LSCINT.P

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

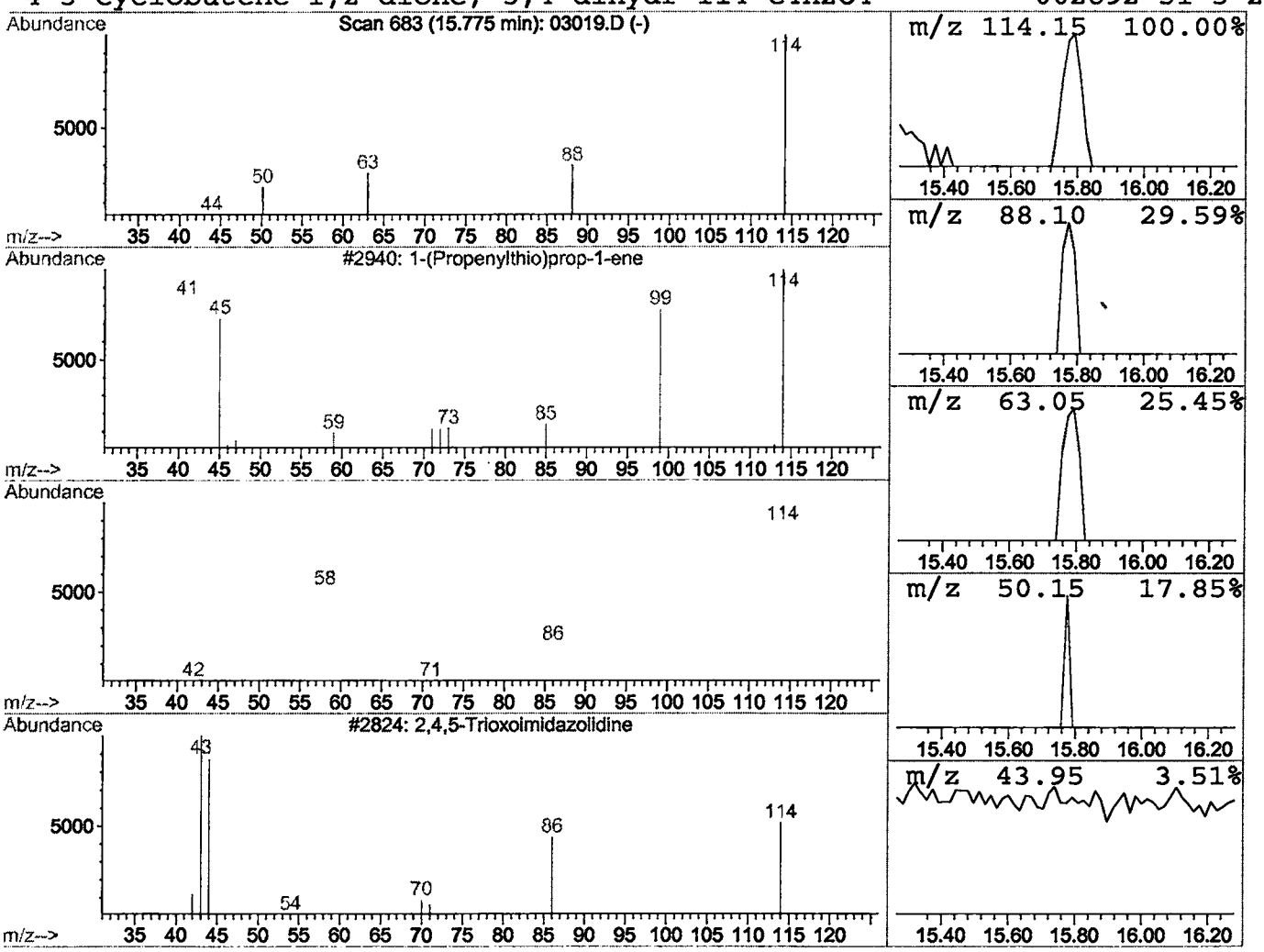
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1-(Propenylthio)prop-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	28825	1,4-DIFLUOROBENZENE	15.11

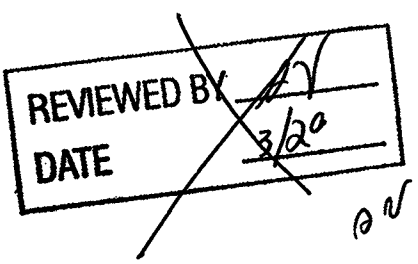
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

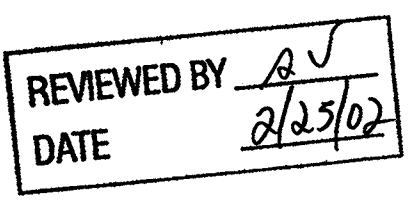


User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:16:50

Sample: AE03020
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:14 Ended: 02/15/02 11:14 Analyst: BH
Result source: a:\03020.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:16:50

Sample: AE03020
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:14 Ended: 02/15/02 11:14 Analyst: BH
Result source: a:\03020.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb15\03020.D Vial: 16
Acq On : 15 Feb 2002 8:42 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 21:20 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

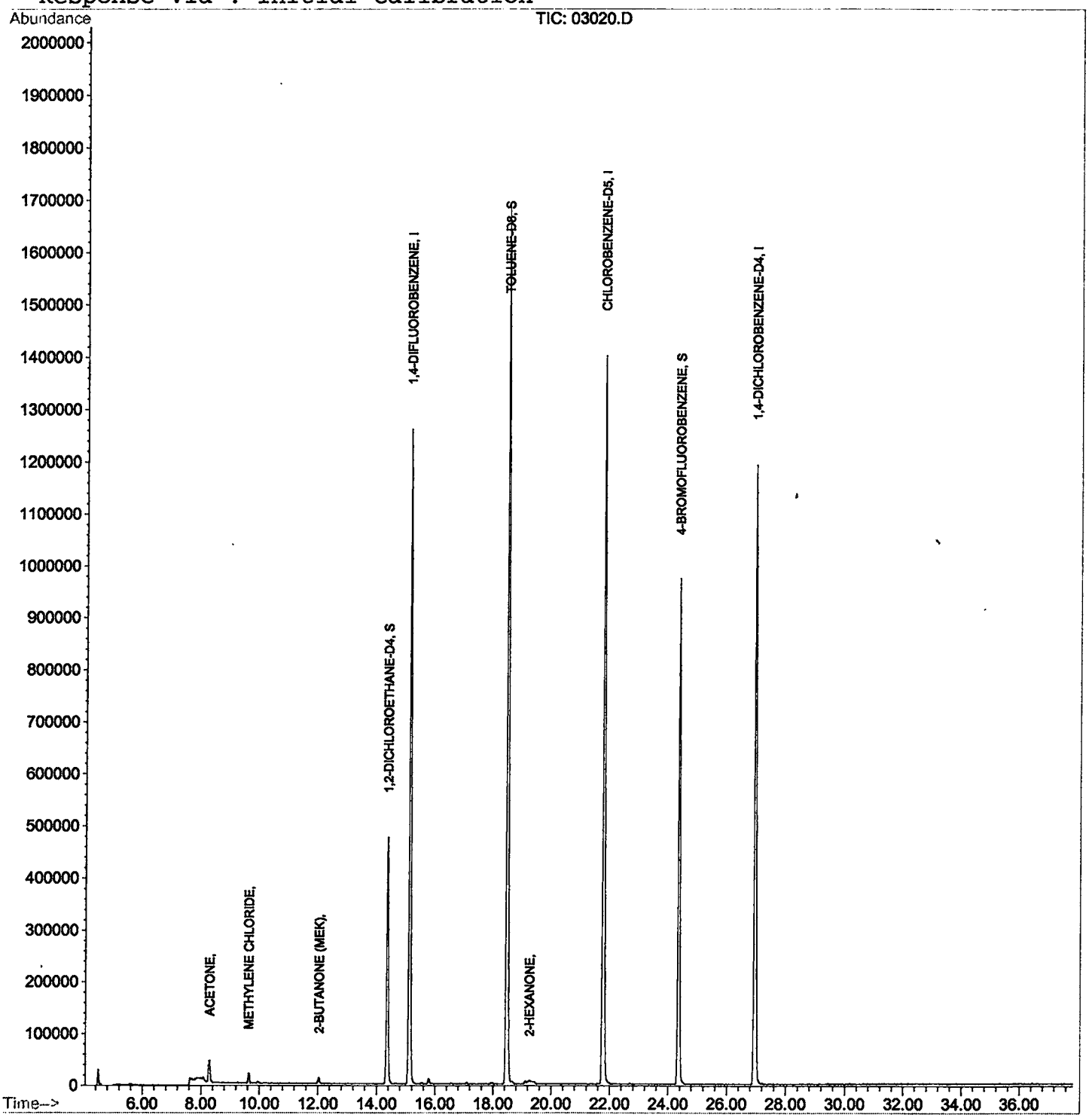
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1840529	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1702584	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	757065	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	647312	4.62	ug/L	0.02
Spiked Amount 5.000			Recovery = 92.40%			
3) 4-BROMOFLUOROBENZENE	24.36	174	597262	4.32	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.40%			
25) TOLUENE-D8	18.47	98	2217669	5.25	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	115654	9.14	ug/L	92
14) METHYLENE CHLORIDE	9.63	49	25549	0.24	ug/L	89
18) 2-BUTANONE (MEK)	12.03	43	34370	1.17	ug/L	97
46) ~~2-HEXANONE~~	19.26	43	46921	1.84	ug/L	30

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb15\03020.D Vial: 16
Acq On : 15 Feb 2002 8:42 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 15 21:20 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02feb15\03020.D Vial: 16
Acq On : 15 Feb 2002 8:42 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

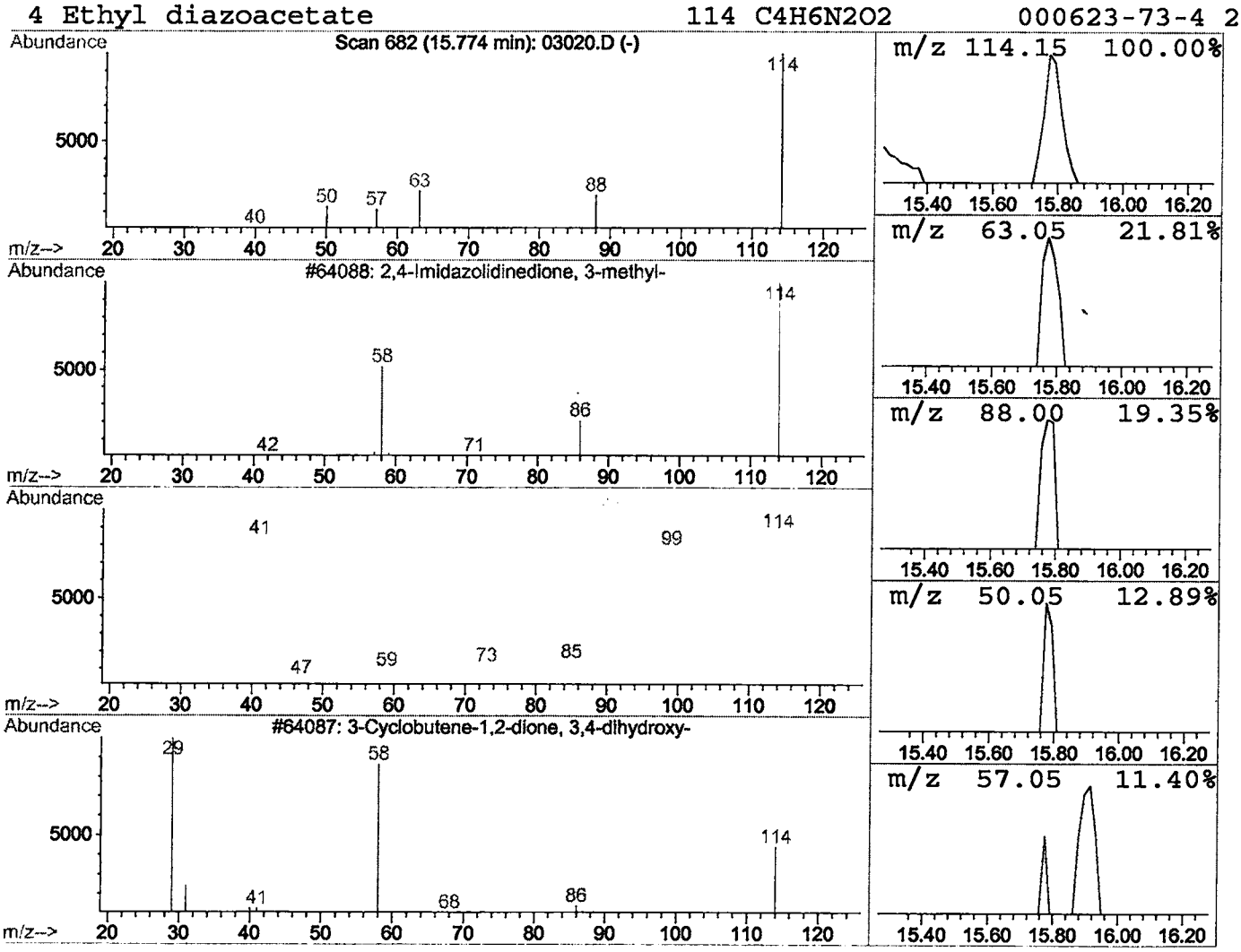
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	35543	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:25:10

Sample: AE03245
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:24 Ended: 02/15/02 11:24 Analyst: BH
Result source: a:\03245.rr
Page: 1

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

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:25:10

Sample: AE03245
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:24 Ended: 02/15/02 11:24 Analyst: BH
Result source: a:\03245.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03245.D Vial: 17
Acq On : 15 Feb 2002 9:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:14 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

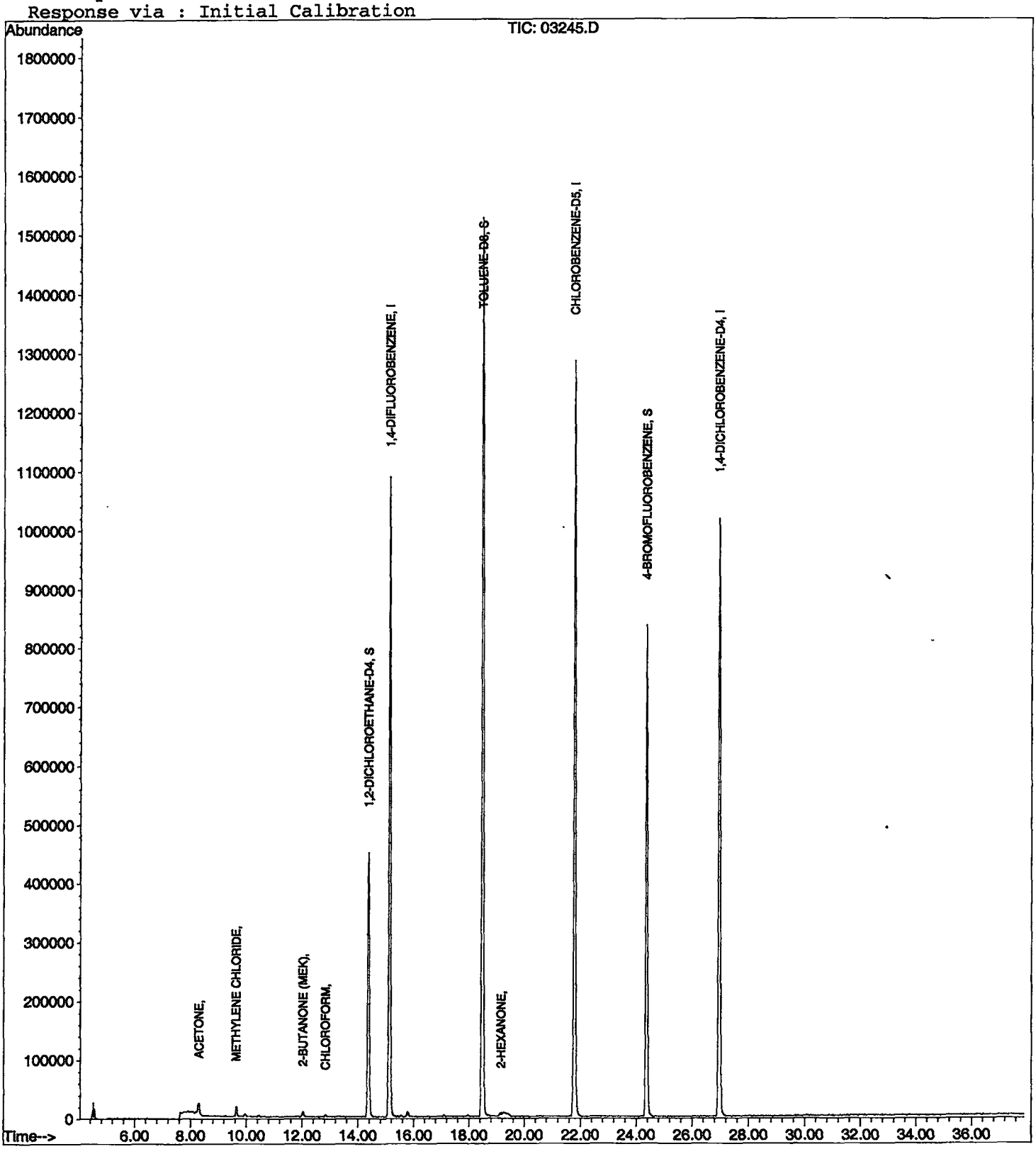
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1636065	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1551444	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	652492	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	588264	4.72	ug/L	0.02
Spiked Amount 5.000			Recovery = 94.40%			
3) 4-BROMOFLUOROBENZENE	24.36	174	506744	4.12	ug/L	0.00
Spiked Amount 5.000			Recovery = 82.40%			
25) TOLUENE-D8	18.47	98	2021300	5.25	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	56600	5.03	ug/L	93
14) METHYLENE CHLORIDE	9.63	49	22632	0.24	ug/L	88
18) 2-BUTANONE (MEK)	12.03	43	29703	1.14	ug/L	93
21) CHLOROFORM	12.83	83	6676	0.06	ug/L	89
46) ~~2-HEXANONE~~	19.15	43	14647	0.63	ug/L	30

(#) = qualifier out of range (m) = manual integration
03245.D HP021302.M Sun Feb 17 12:52:40 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03245.D Vial: 17
Acq On : 15 Feb 2002 9:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:14 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Sun Feb 17 12:47:38 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03245.D Vial: 17
Acq On : 15 Feb 2002 9:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

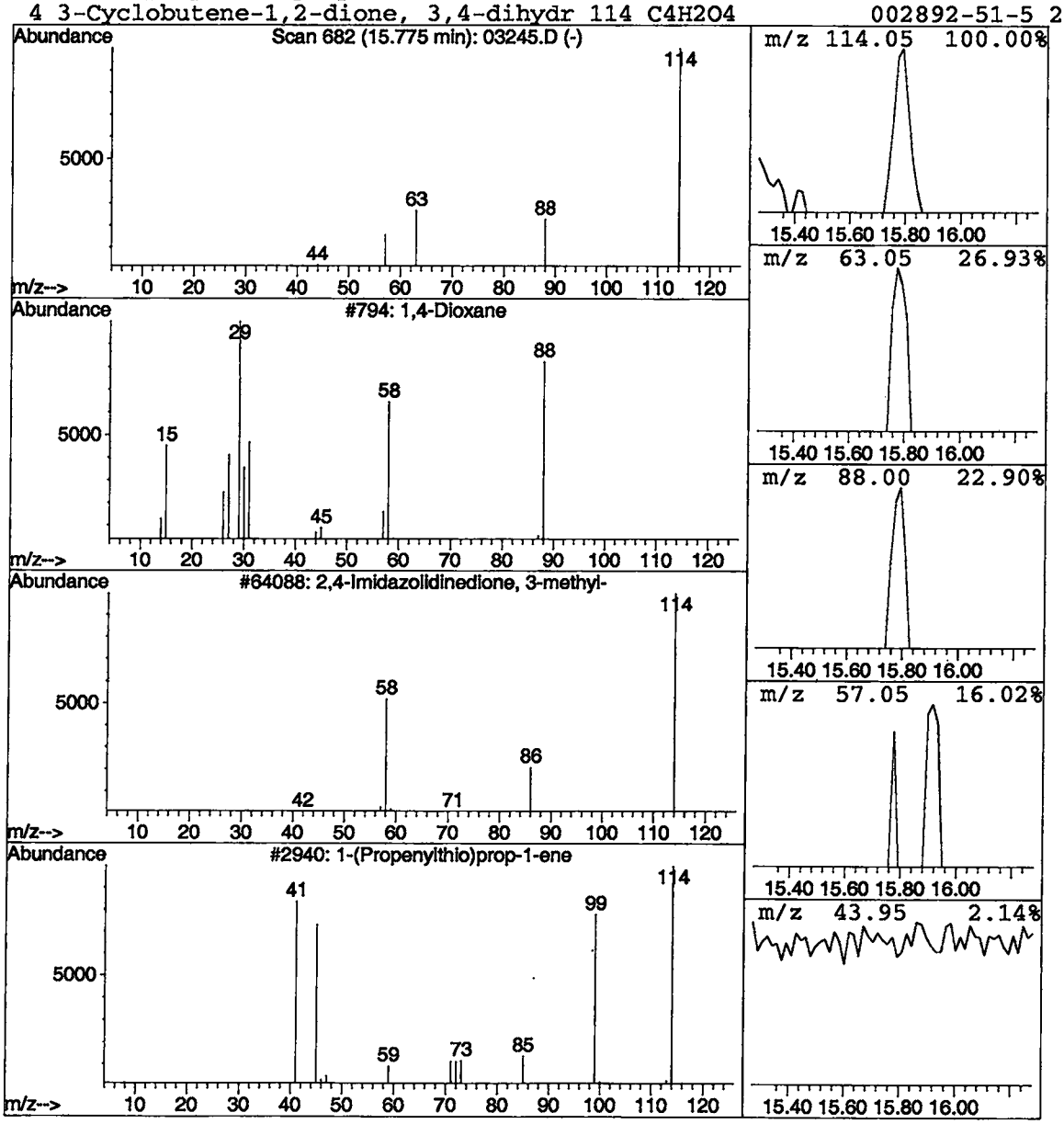
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,4-Dioxane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.04 ug/L	30904	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:20:40

Sample: AE03015
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 02/15/02 00:00 Ended: 02/15/02 00:00 Analyst: BH
Result source: a:\0215c10a.rr
Page: 1

	Component Name	Vlol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.6	.5
2	Surr_4-BROMOFLUOROBENZEN		4.6	.5
3	Dichlorodifluoromethane		9.5	.5
4	Chloromethane		12	.5
5	Vinyl chloride	USPEC	15	.5
6	Bromomethane		12	.5
7	Chloroethane		12	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene		9.4	.5
10	Methylene Chloride		8.5	.5
11	Methyl tert-butyl ether (MTB		7.3	1.0
12	trans-1,2-dichloroethene		8.5	.5
13	1,1-dichloroethane		8.3	.5
14	2-butanone (MEK)		7.2	2.0
15	2,2-dichloropropane	LSPEC	6.8	.5
16	cis-1,2-dichloroethene		8.4	.5
17	Chloroform		8.1	.5
18	Bromochloromethane		8.6	.5
19	1,2-dichloroethane		7.7	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		8.5	.5
22	1,1-dichloropropene		8.9	.5
23	Carbon tetrachloride		8.7	.5
24	Benzene		9.0	.5
25	Trichloroethene		8.8	.5
26	1,2-dichloropropane		9.1	.5
27	Dibromomethane		8.8	.5
28	Bromodichloromethane		8.3	.5
29	Methyl iso-butyl ketone		8.3	1.0
30	cis-1,3-dichloropropene		8.5	.5
31	Toluene		9.0	.5
32	trans-1,3-dichloropropene		8.1	.5
33	1,1,2-trichloroethane		8.7	.5
34	Tetrachloroethene		9.3	.5
35	1,3-dichloropropane		8.7	.5
36	Dibromochloromethane		8.4	2.0
37	Chlorobenzene		9.2	.5
38	1,1,1,2-tetrachloroethane		9.1	.5
39	Ethylbenzene		9.1	.5
40	P & M-xylene		18	.5
41	O-xylene		8.7	.5
42	Styrene		8.8	.5
43	1,1,2,2-tetrachloroethane		9.1	.5
44	Bromoform		7.5	2.0
45	Isopropylbenzene		9.0	.5
46	1,2,3-trichloropropane		8.5	.5
47	N-propylbenzene		8.9	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:20:40

Sample: AE03015
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 02/15/02 00:00 Ended: 02/15/02 00:00 Analyst: BH
Result source: a:\0215c10a.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		8.8	.5
49	1,3,5-trimethylbenzene		8.6	.5
50	2-chlorotoluene		8.5	.5
51	4-chlorotoluene		8.9	.5
52	TERT-butylbenzene		8.9	.5
53	1,2,4-trimethylbenzene		8.5	.5
54	SEC-butylbenzene		8.8	.5
55	P-isopropyltoluene		8.7	.5
56	1,3-dichlorobenzene		8.8	.5
57	1,4-dichlorobenzene		8.7	.5
58	N-butylbenzene		8.5	.5
59	1,2-dichlorobenzene		8.8	.5
60	1,2,4-trichlorobenzene		8.2	.5
61	Hexachlobutadiene		8.1	.5
62	Naphthalene	LSPEC	6.2	.5
63	1,2,3-trichlorobenzene		8.1	.5
64	Nitrobenzene		140	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\0215C10A.D Vial: 18
Acq On : 15 Feb 2002 10:17 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 12:54 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Sun Feb 17 12:54:35 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1753368	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1660150	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	789563	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	612139	4.59	ug/L	0.00
Spiked Amount 5.000			Recovery =	91.80%		
3) 4-BROMOFLUOROBENZENE	24.36	174	607565	4.61	ug/L	0.00
Spiked Amount 5.000			Recovery =	92.20%		
25) TOLUENE-D8	18.47	98	2127108	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.40%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	585361	9.48	ug/L	98
5) CHLOROMETHANE	5.51	50	579506	12.29	ug/L	100
6) VINYL CHLORIDE	5.62	62	308786	14.85	ug/L	99
7) BROMOMETHANE	6.60	94	345950	12.11	ug/L	98
8) CHLOROETHANE	6.75	64	334786	11.61	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.30	101	689203	12.44	ug/L	99
12) ACETONE	8.27	43	86015	7.14	ug/L	97
13) 1,1-DICHLOROETHENE	8.62	61	794885	9.43	ug/L	98
14) METHYLENE CHLORIDE	9.63	49	858793	8.48	ug/L	94
15) METHYL TERT BUTYL ETHER	9.93	73	818370	7.31	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.29	61	917775	8.51	ug/L	95
17) 1,1-DICHLOROETHANE	11.18	63	1059094	8.32	ug/L	97
18) 2-BUTANONE (MEK)	12.01	43	199764	7.15	ug/L	97
19) 2,2-DICHLOROPROPANE	12.40	77	698772	6.84	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.50	96	610034	8.38	ug/L	97
21) CHLOROFORM	12.83	83	1037392	8.11	ug/L	97
22) BROMOCHLOROMETHANE	13.22	49	524755	8.62	ug/L	99
23) 1,2-DICHLOROETHANE	14.56	62	667479	7.75	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	784729	8.47	ug/L	94
27) 1,1-DICHLOROPROPENE	14.05	75	820384	8.88	ug/L	98
28) CARBON TETRACHLORIDE	14.31	117	654641	8.70	ug/L	100
29) BENZENE	14.64	78	2154222	8.98	ug/L	100
30) TRICHLOROETHENE	15.93	95	629738	8.78	ug/L	93
31) 1,2-DICHLOROPROPANE	16.28	63	616583	9.10	ug/L	95
32) DIBROMOMETHANE	16.96	174	282294	8.77	ug/L	92
33) BROMODICHLOROMETHANE	16.80	83	721748	8.32	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.27	63	187493	7.48	ug/L	92
35) METHYL ISO-BUTYL KETONE	17.36	58	102576	8.26	ug/L	91
36) CIS-1,3-DICHLOROPROPENE	17.88	75	815204	8.52	ug/L	98
37) TOLUENE	18.65	91	2265375	9.04	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	570586	8.14	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	352609	8.68	ug/L	99
40) TETRACHLOROETHENE	20.09	166	637641	9.34	ug/L	98
41) 1,3-DICHLOROPROPANE	19.83	76	691440	8.69	ug/L	99
42) DIBROMOCHLOROMETHANE	20.53	129	410043	8.39	ug/L	97
43) 1,2-DIBROMOETHANE	20.98	107	358276	8.14	ug/L	98
44) CHLOROBENZENE	21.85	112	1475081	9.22	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.90	131	486419	9.07	ug/L	97
46) 2-HEXANONE	19.20	43	263882	10.59	ug/L	99
47) ETHYLBENZENE	21.90	91	2623635	9.08	ug/L	97
48) P & M-XYLENE	22.06	106	1781054	18.07	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\0215C10A.D Vial: 18
Acq On : 15 Feb 2002 10:17 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 12:54 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Sun Feb 17 12:54:35 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

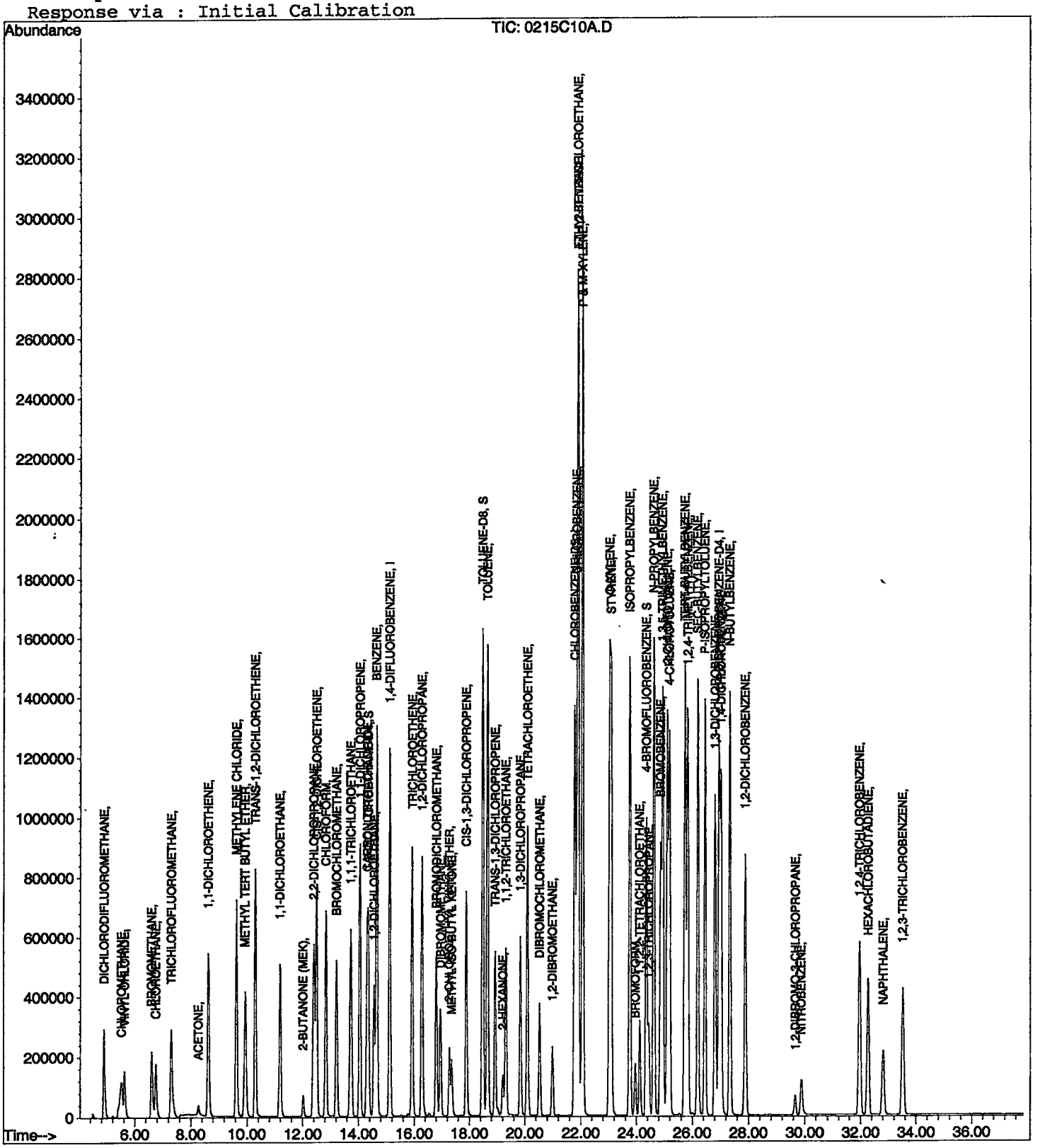
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	23.03	91	2003283	8.72 ug/L	95
50)	STYRENE	23.08	104	1463472	8.81 ug/L	96
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	406768	9.06 ug/L	99
53)	BROMOFORM	23.96	173	185119	7.52 ug/L	99
54)	ISOPROPYLBENZENE	23.75	105	2295931	8.97 ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.44	110	106559	8.47 ug/L	95
56)	N-PROPYLBENZENE	24.62	91	2986327	8.87 ug/L	99
57)	BROMOBENZENE	24.86	156	564194	8.79 ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	1870308	8.55 ug/L	99
59)	2-CHLOROTOLUENE	25.10	91	1856694	8.53 ug/L	99
60)	4-CHLOROTOLUENE	25.17	91	1740583	8.95 ug/L	96
61)	TERT-BUTYLBENZENE	25.73	119	1762176	8.95 ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.83	105	1943163	8.47 ug/L	94
63)	SEC-BUTYLBENZENE	26.18	105	2473466	8.81 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	1851591	8.69 ug/L	97
65)	1,3-DICHLOROBENZENE	26.81	146	1060845	8.79 ug/L	97
66)	1,4-DICHLOROBENZENE	27.02	146	1069111	8.67 ug/L	98
67)	N-BUTYLBENZENE	27.33	91	1960931	8.55 ug/L	98
68)	1,2-DICHLOROBENZENE	27.87	146	915777	8.79 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	49815	8.72 ug/L	91
70)	1,2,4-TRICHLOROBENZENE	31.96	180	545358	8.16 ug/L	97
71)	HEXACHLOROBUTADIENE	32.27	225	263811	8.12 ug/L	93
72)	NAPHTHALENE	32.81	128	558317	6.23 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.51	180	432637	8.09 ug/L	98
74)	NITROBENZENE	29.87	77	174676	142.65 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\0215C10A.D Vial: 18
Acq On : 15 Feb 2002 10:17 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 12:54 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:21:21

Sample: AE03015
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 02/15/02 11:41 Ended: 02/15/02 11:41 Analyst: BH
Result source: a:\03015d.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.7	.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	*THM-Bromodichloromethar		< MDL	.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:21:21

Sample: AE03015
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 02/15/02 11:41 Ended: 02/15/02 11:41 Analyst: BH
Result source: a:\03015d.rr
Page: 2

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

Comments for Sample AE03015 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:14:54

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:21:32

Sample: AE03015
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 02/15/02 10:48 Ended: 02/15/02 10:48 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.20
2	Surr - 4-BROMOFLUOROBENZE		0.10
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.0
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETH/		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETH/		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:21:32

Sample: AE03015
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 02/15/02 10:48 Ended: 02/15/02 10:48 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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03015D.D Vial: 20
Acq On : 15 Feb 2002 11:56 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 0:36 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1844590	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1625757	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	731110	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	643177	4.58	ug/L	0.02
Spiked Amount 5.000			Recovery = 91.60%			
3) 4-BROMOFLUOROBENZENE	24.37	174	574792	4.15	ug/L	0.02
Spiked Amount 5.000			Recovery = 83.00%			
25) TOLUENE-D8	18.47	98	2250195	5.58	ug/L	0.00
Spiked Amount 5.000			Recovery = 111.60%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	126679	9.99	ug/L	92
14) METHYLENE CHLORIDE	9.65	49	22277	0.21	ug/L	93
18) 2-BUTANONE (MEK)	12.03	43	31741	1.08	ug/L	95
46) 2-HEXANONE	19.13	43	15855	0.65	ug/L	30

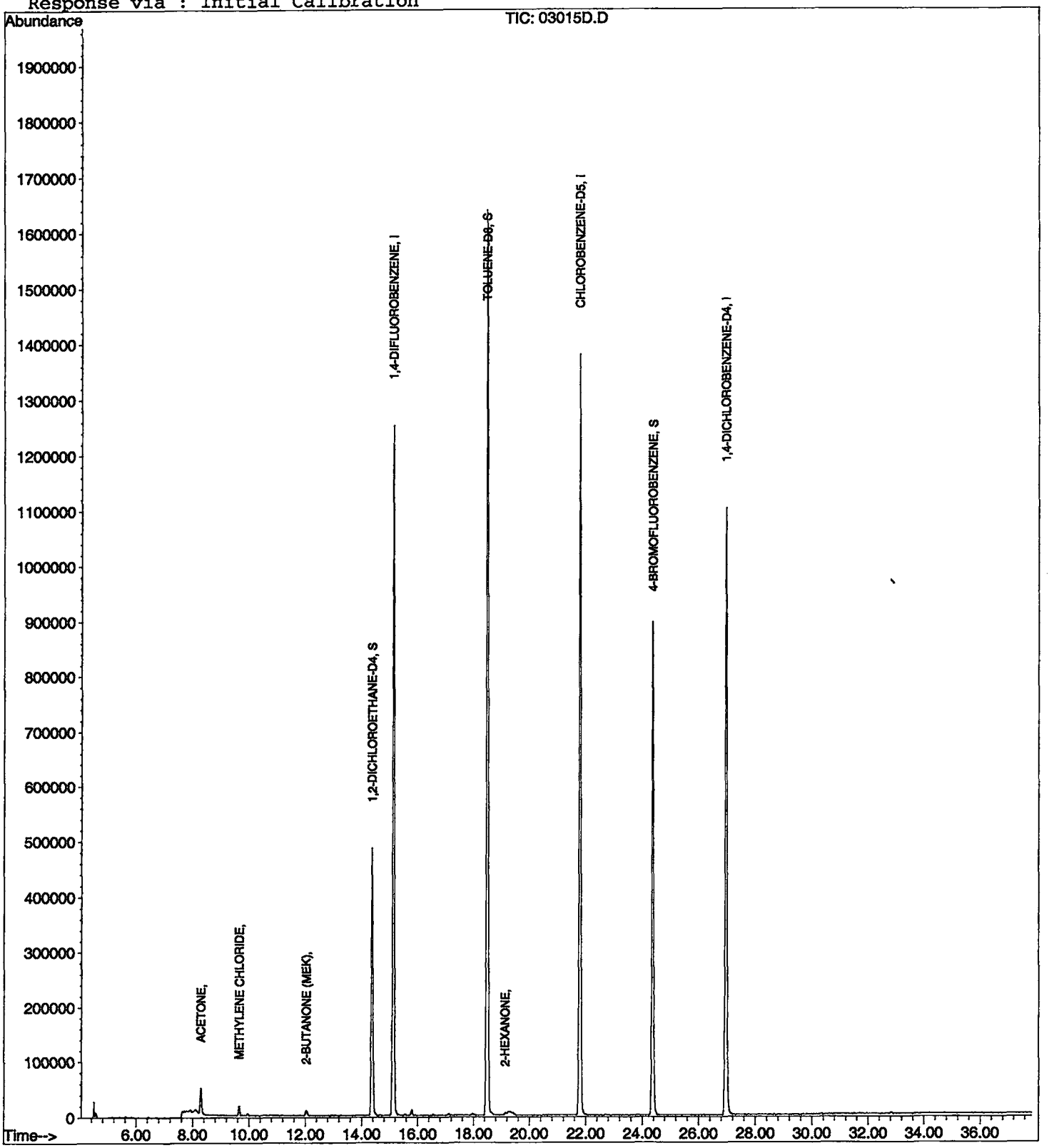
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03015D.D
Acq On : 15 Feb 2002 11:56 pm
Sample : nyc dup
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 16 0:36 2002

Vial: 20
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Sun Feb 17 12:54:35 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03015D.D Vial: 20
Acq On : 15 Feb 2002 11:56 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

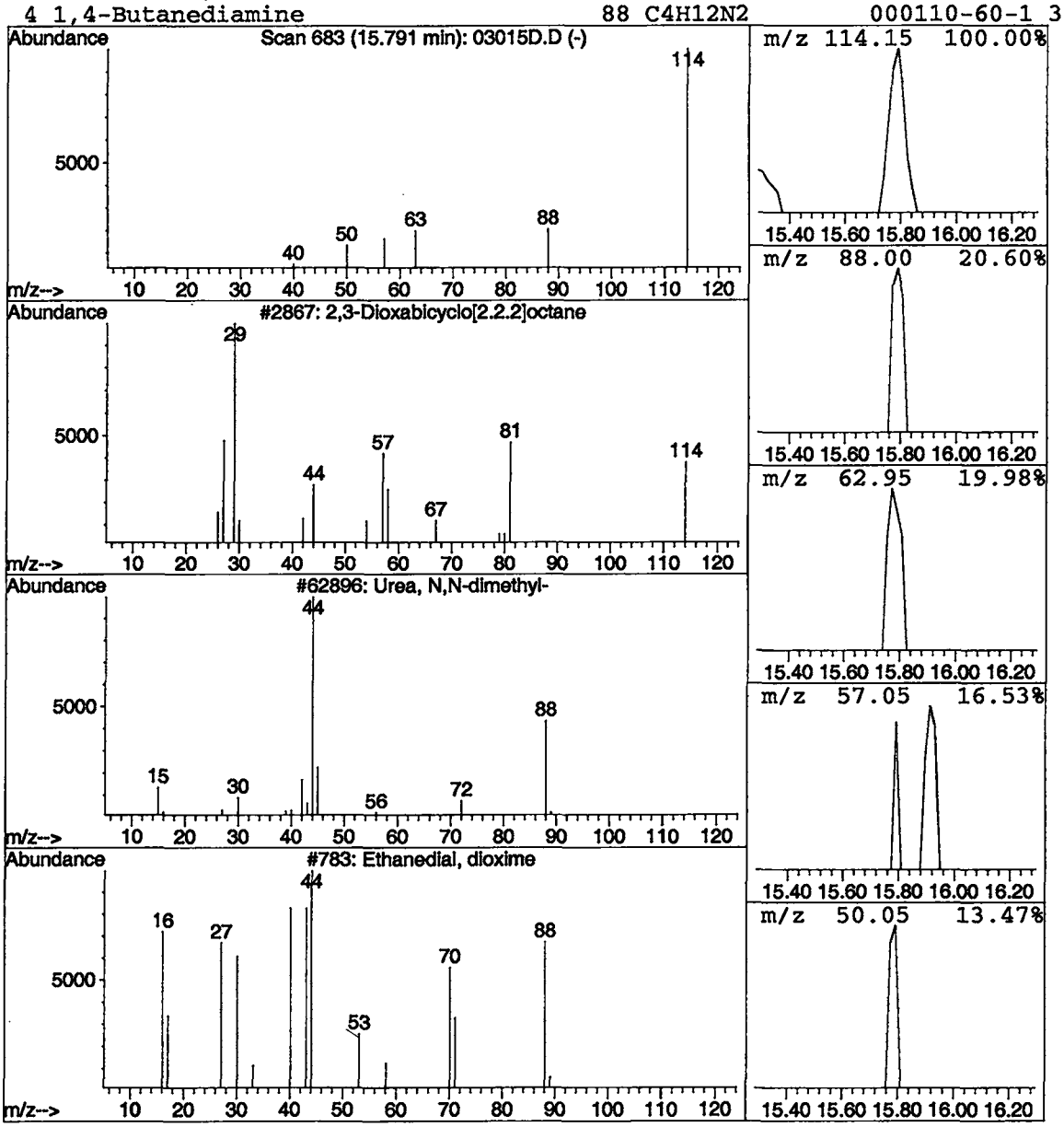
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	36417	1,4-DIFLUOROBENZENE	15.13

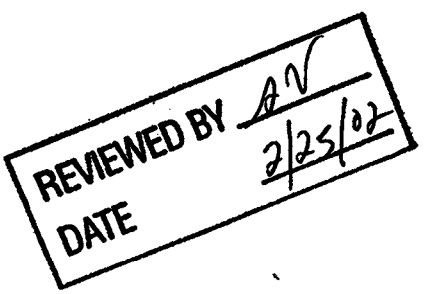
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	4
3	Ethanedial, dioxime	88	C2H4N2O2	000557-30-2	4
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:25:47

Sample: AE03246
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 12:58 Ended: 02/15/02 12:58 Analyst: BH
Result source: a:\03246.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:25:47

Sample: AE03246
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 12:58 Ended: 02/15/02 12:58 Analyst: BH
Result source: a:\03246.rr
Page: 2

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

Comments for Sample AE03246 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:06:57

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03246.D Vial: 21
Acq On : 16 Feb 2002 12:44 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 1:24 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1847094	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1733181	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	754536	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	662463	4.71	ug/L	0.02
Spiked Amount 5.000			Recovery = 94.20%			
3) 4-BROMOFLUOROBENZENE	24.37	174	588382	4.24	ug/L	0.02
Spiked Amount 5.000			Recovery = 84.80%			
25) TOLUENE-D8	18.49	98	2242598	5.22	ug/L	0.02
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	97673	7.69	ug/L	96
14) METHYLENE CHLORIDE	9.65	49	23914	0.22	ug/L	93
18) 2-BUTANONE (MEK)	12.03	43	32182	1.09	ug/L	97
46) 2-HEXANONE	19.13	43	16626	0.64	ug/L	30

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

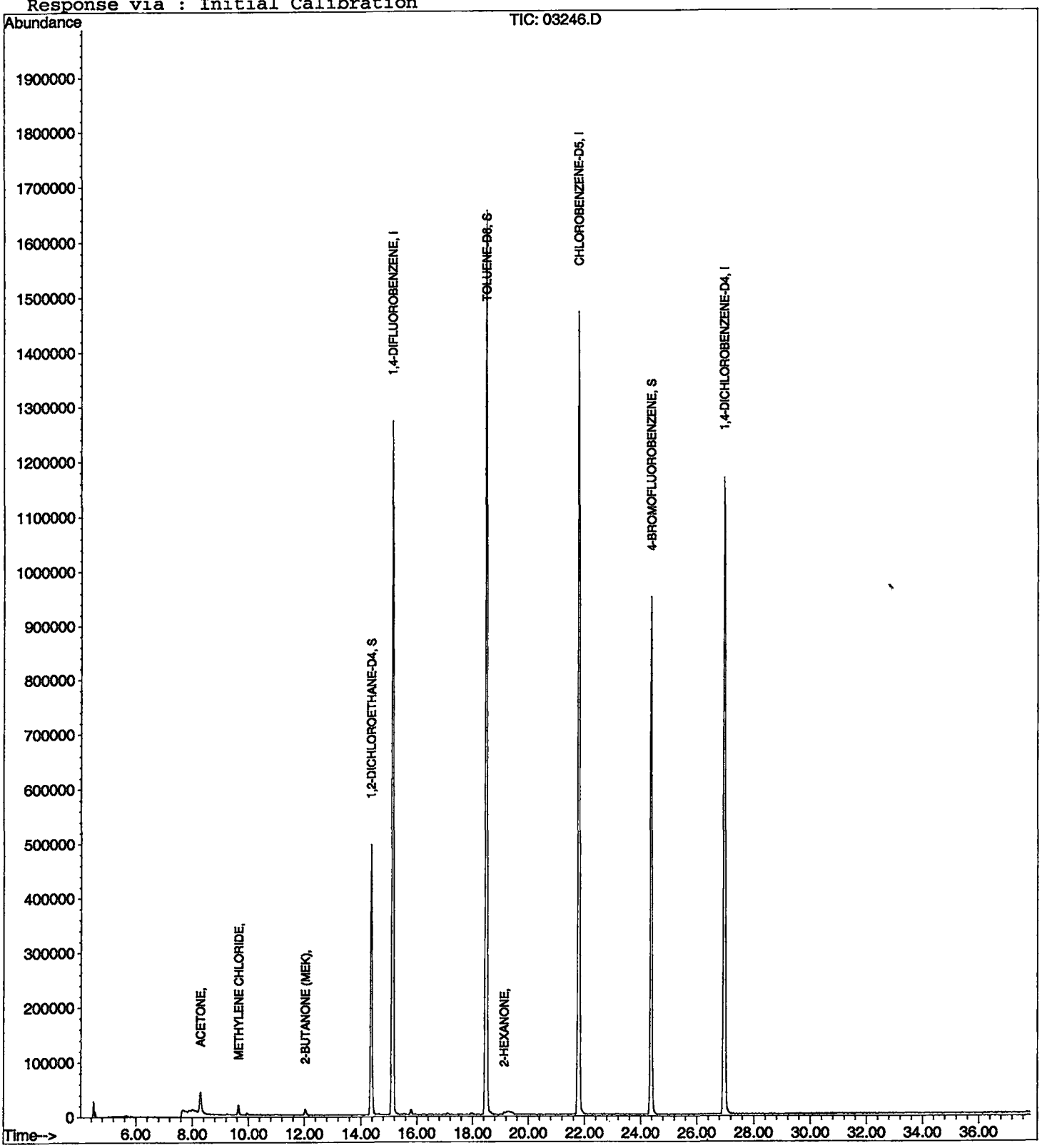
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03246.D
Acq On : 16 Feb 2002 12:44 am
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 16 1:24 2002

Vial: 21
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Sun Feb 17 12:54:35 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03246.D Vial: 21
Acq On : 16 Feb 2002 12:44 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

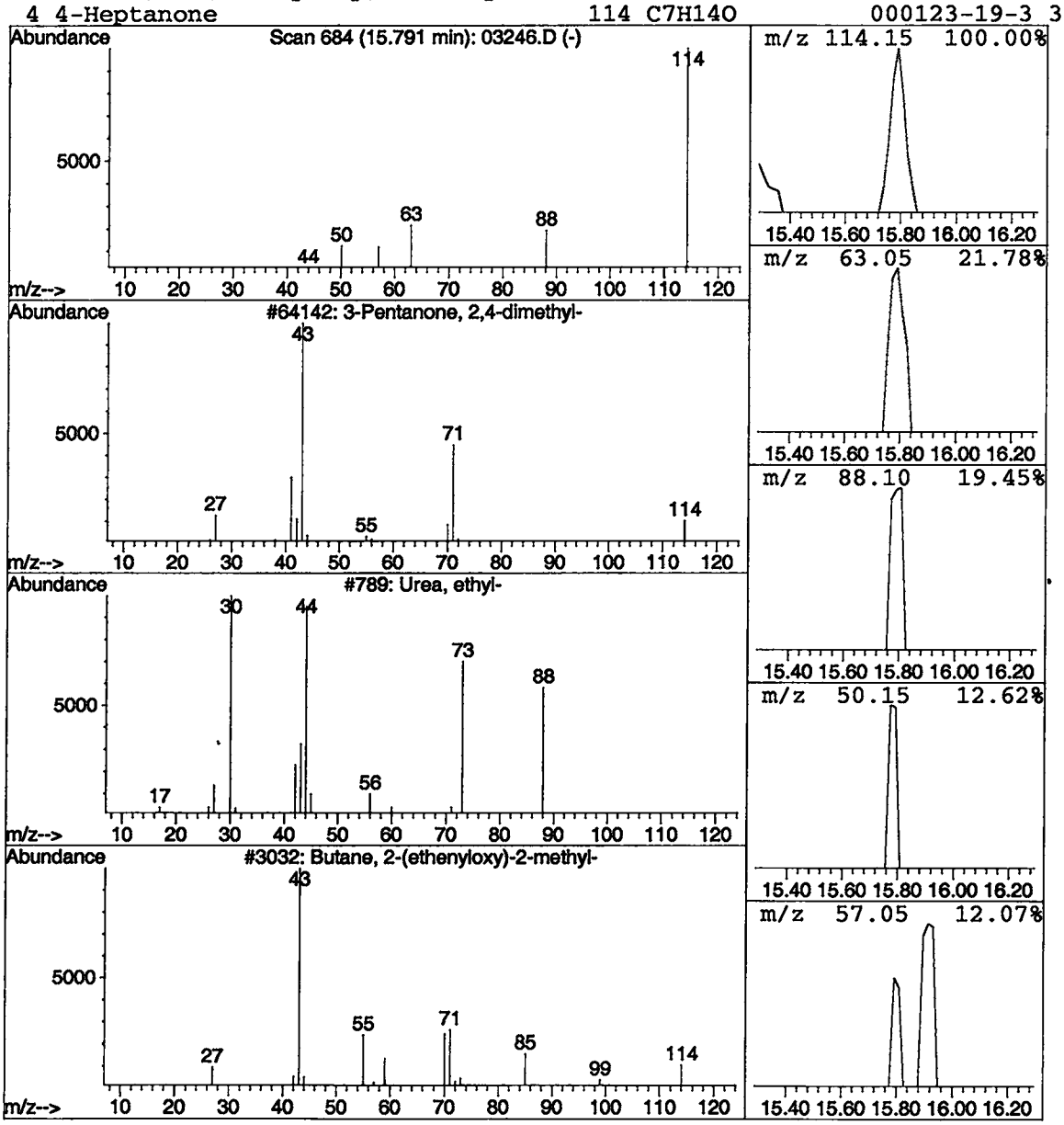
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	35716	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	5
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	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: 02/18/2002 Time: 14:26:47

Sample: AE03247
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:16 Ended: 02/15/02 11:16 Analyst: BH
Result source: a:\03247.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		3.9	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:26:47

Sample: AE03247
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:16 Ended: 02/15/02 11:16 Analyst: BH
Result source: a:\03247.rr
Page: 2

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

Comments for Sample AE03247 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:07:20

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03247.D Vial: 22
Acq On : 16 Feb 2002 1:31 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:16 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1900151	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1645903	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	709773	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	680881	4.71	ug/L	0.02
Spiked Amount 5.000			Recovery =	94.20%		
3) 4-BROMOFLUOROBENZENE	24.37	174	561337	3.93	ug/L	0.02
Spiked Amount 5.000			Recovery =	78.60%		
25) TOLUENE-D8	18.49	98	2154952	5.28	ug/L	0.02
Spiked Amount 5.000			Recovery =	105.60%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	147506	11.29	ug/L	99
14) METHYLENE CHLORIDE	9.65	49	25351	0.23	ug/L	97
18) 2-BUTANONE (MEK)	12.03	43	31075	~~1.03 ug/L~~		100
21) CHLOROFORM	12.85	83	8172	0.06	ug/L	91
46) 2-HEXANONE	19.15	43	12880	0.52	ug/L	30
65) 1,3-DICHLOROBENZENE	27.04	146	23763	~~0.22~~	ug/L	96
66) 1,4-DICHLOROBENZENE	27.04	146	23763	~~0.21~~	ug/L	97

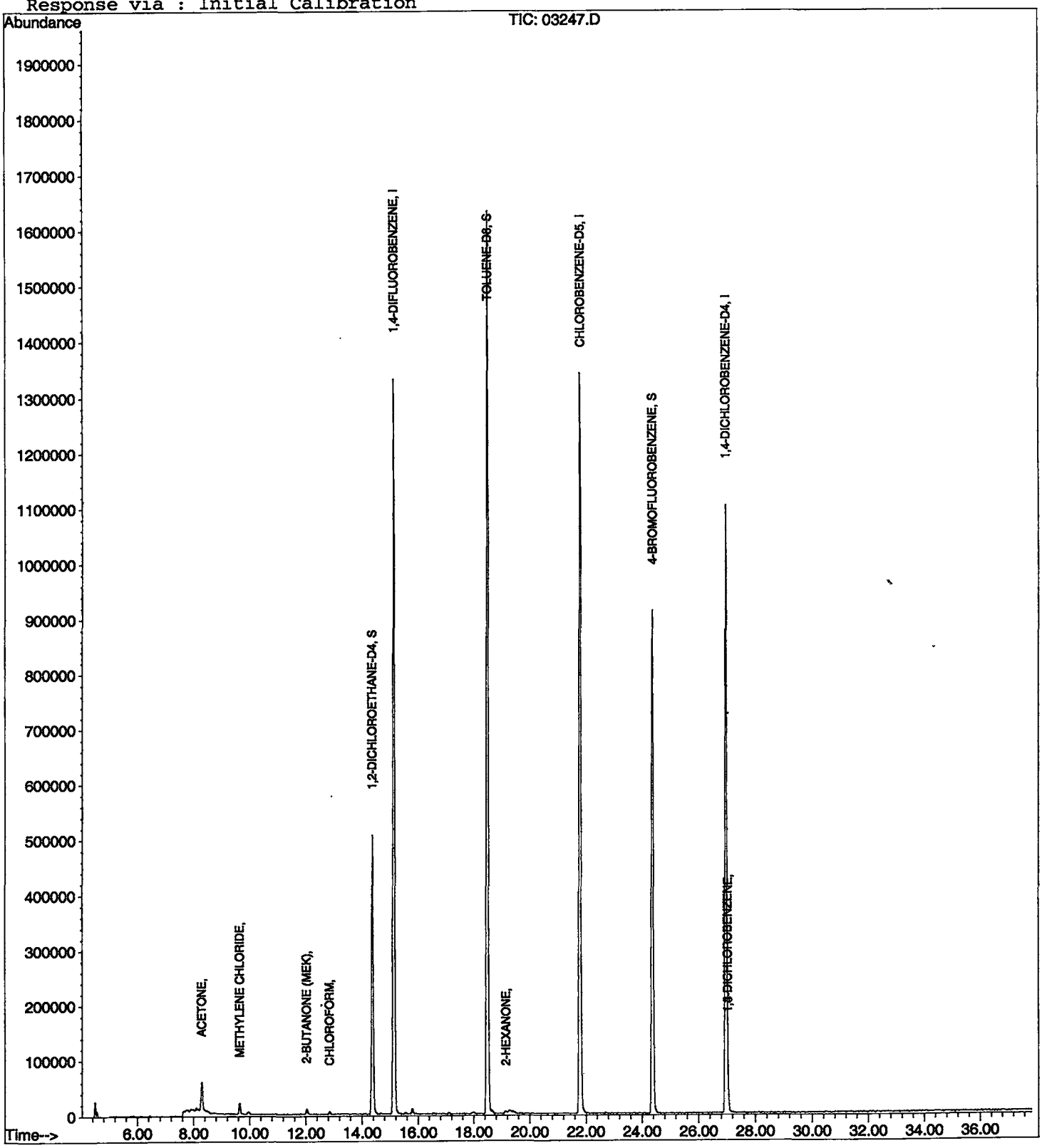
(#) = qualifier out of range (m) = manual integration
03247.D HP021302.M Sun Feb 17 11:16:38 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03247.D
Acq On : 16 Feb 2002 1:31 am
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:16 2002

Vial: 22
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03247.D Vial: 22
Acq On : 16 Feb 2002 1:31 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

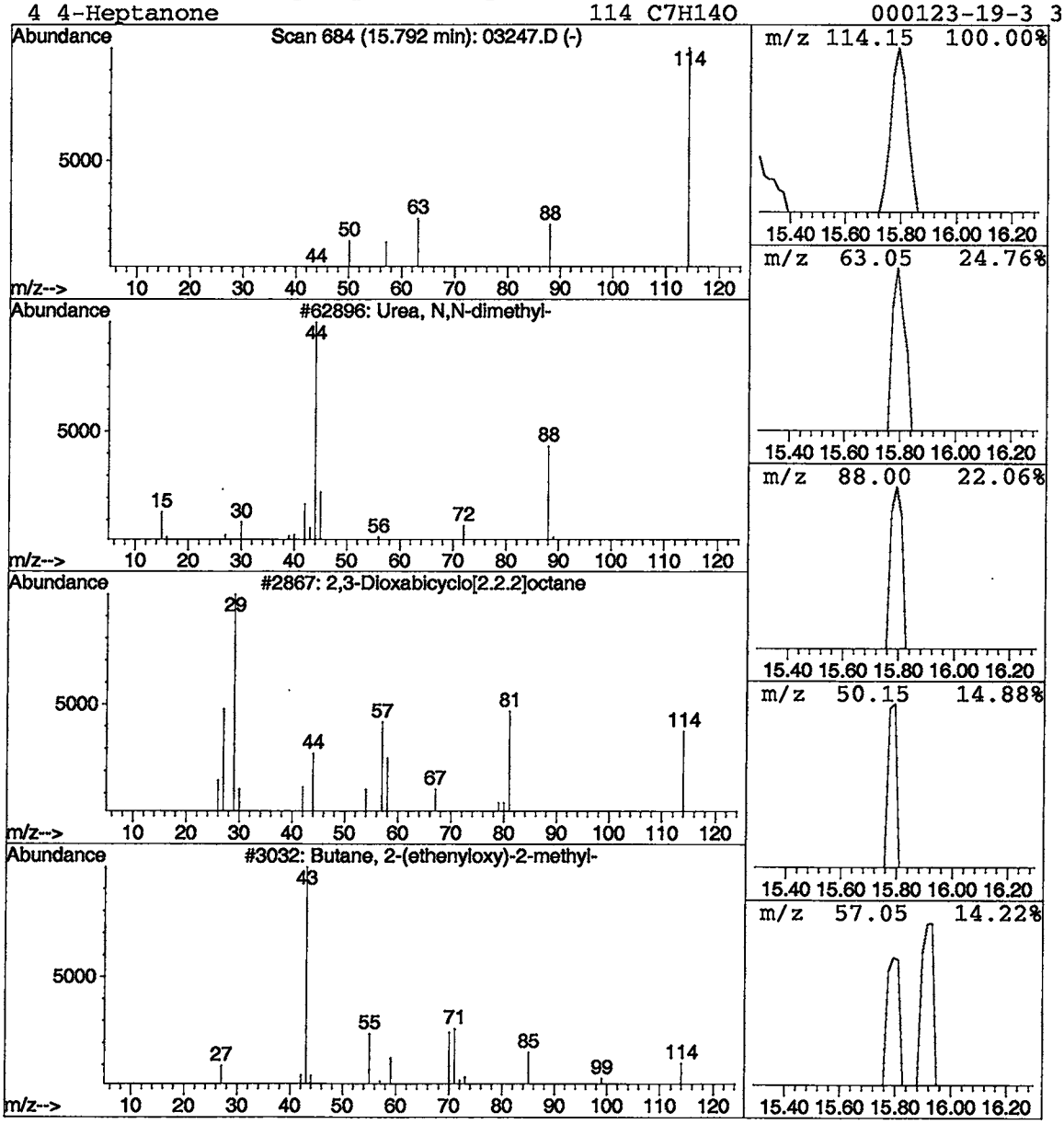
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	35340	1,4-DIFLUOROBENZENE	15.13

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: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:30:31

Sample: AE03249
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:17 Ended: 02/15/02 11:17 Analyst: BH
Result source: a:\03249.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.6	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AN
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:30:31

Sample: AE03249
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:17 Ended: 02/15/02 11:17 Analyst: BH
Result source: a:\03249.rr
Page: 2

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

Comments for Sample AE03249 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:07:27

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03249.D Vial: 23
Acq On : 16 Feb 2002 2:20 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:17 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1768093	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1553292	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	689591	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	633530	4.71	ug/L	0.02
Spiked Amount 5.000			Recovery =	94.20%		
3) 4-BROMOFLUOROBENZENE	24.37	174	542201	4.08	ug/L	0.02
Spiked Amount 5.000			Recovery =	81.60%		
25) TOLUENE-D8	18.49	98	2151737	5.59	ug/L	0.02
Spiked Amount 5.000			Recovery =	111.80%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	70235	5.78	ug/L	93
14) METHYLENE CHLORIDE	9.65	49	24331	0.24	ug/L	91
18) 2-BUTANONE (MEK)	12.03	43	30801	~~1.09 ug/L~~		97
21) CHLOROFORM	12.85	83	10887	0.08	ug/L	91
46) 2-HEXANONE	19.26	43	38795	~~1.66 ug/L~~		30

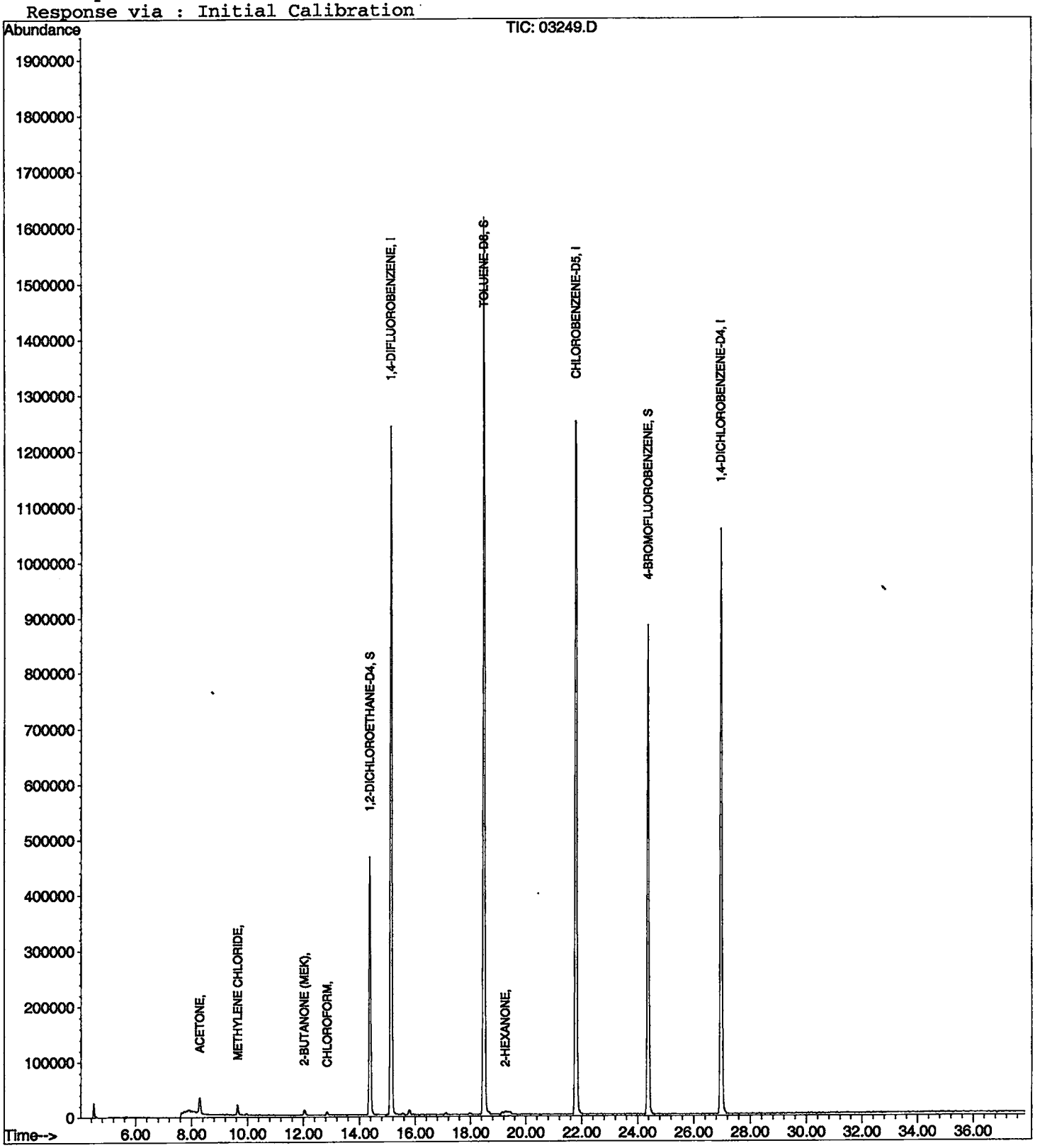
(#) = qualifier out of range (m) = manual integration
03249.D HP021302.M Sun Feb 17 11:17:11 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03249.D
Acq On : 16 Feb 2002 2:20 am
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:17 2002

Vial: 23
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03249.D Vial: 23
Acq On : 16 Feb 2002 2:20 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

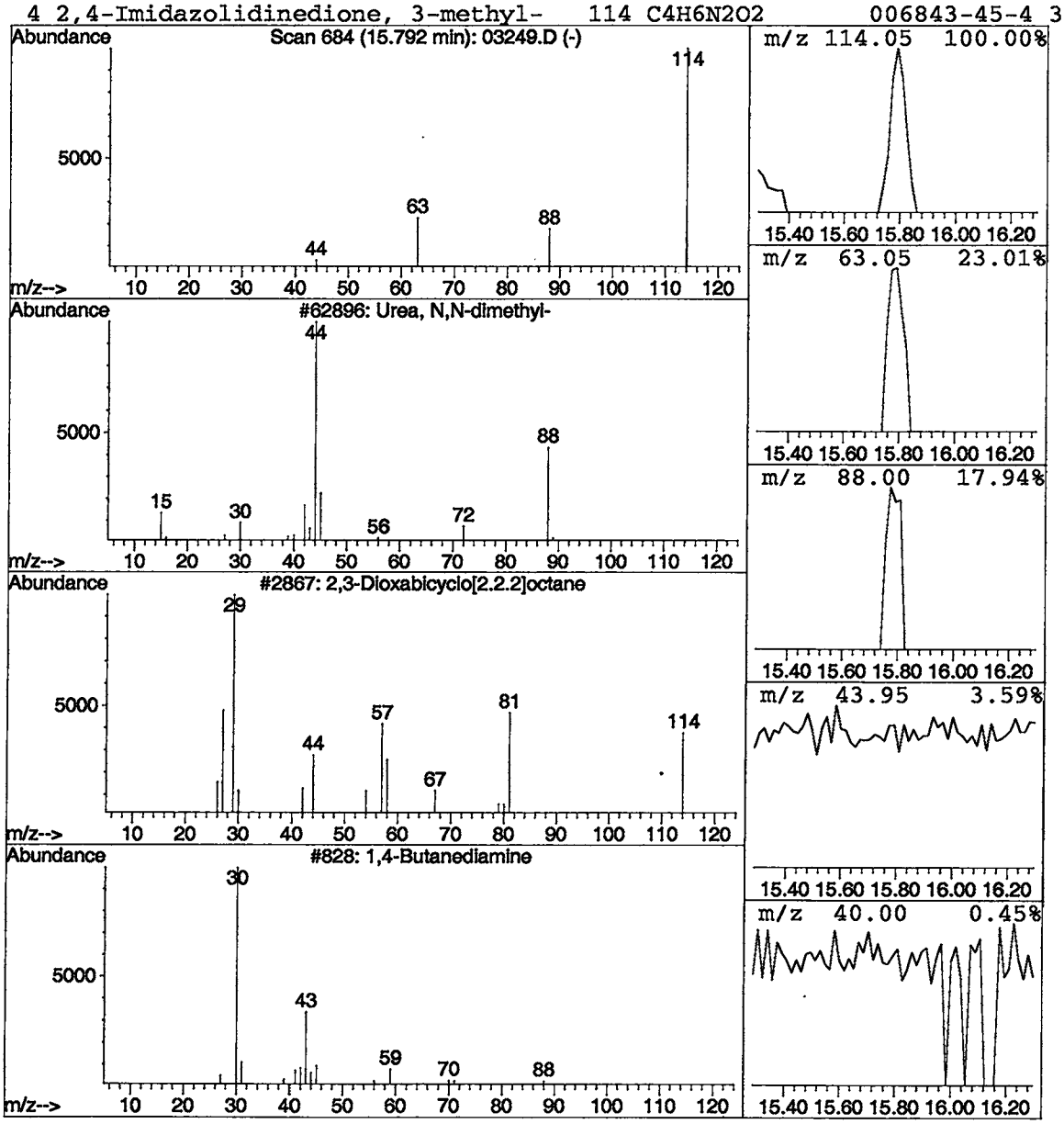
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	35343	1,4-DIFLUOROBENZENE	15.13

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	1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:33:38

Sample: AE03250
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:17 Ended: 02/15/02 11:17 Analyst: BH
Result source: a:\03250.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		3.9	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.6	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:33:38

Sample: AE03250
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:17 Ended: 02/15/02 11:17 Analyst: BH
Result source: a:\03250.rr
Page: 2

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

Comments for Sample AE03250 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:07:36

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03250.D Vial: 24
Acq On : 16 Feb 2002 3:08 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:17 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1891742	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1646197	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	720254	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	680986	4.73	ug/L	0.02
Spiked Amount 5.000			Recovery =	94.60%		
3) 4-BROMOFLUOROBENZENE	24.37	174	561195	3.95	ug/L	0.02
Spiked Amount 5.000			Recovery =	79.00%		
25) TOLUENE-D8	18.49	98	2299684	5.63	ug/L	0.02
Spiked Amount 5.000			Recovery =	112.60%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	131247	10.09	ug/L	98
14) METHYLENE CHLORIDE	9.65	49	24351	0.22	ug/L	95
18) 2-BUTANONE (MEK)	12.03	43	33382	~~1.11~~	ug/L	93
46) 2-HEXANONE	19.27	43	40093	~~1.62~~	ug/L	30

(#) = qualifier out of range (m) = manual integration
03250.D HP021302.M Sun Feb 17 11:17:44 2002 Page 1

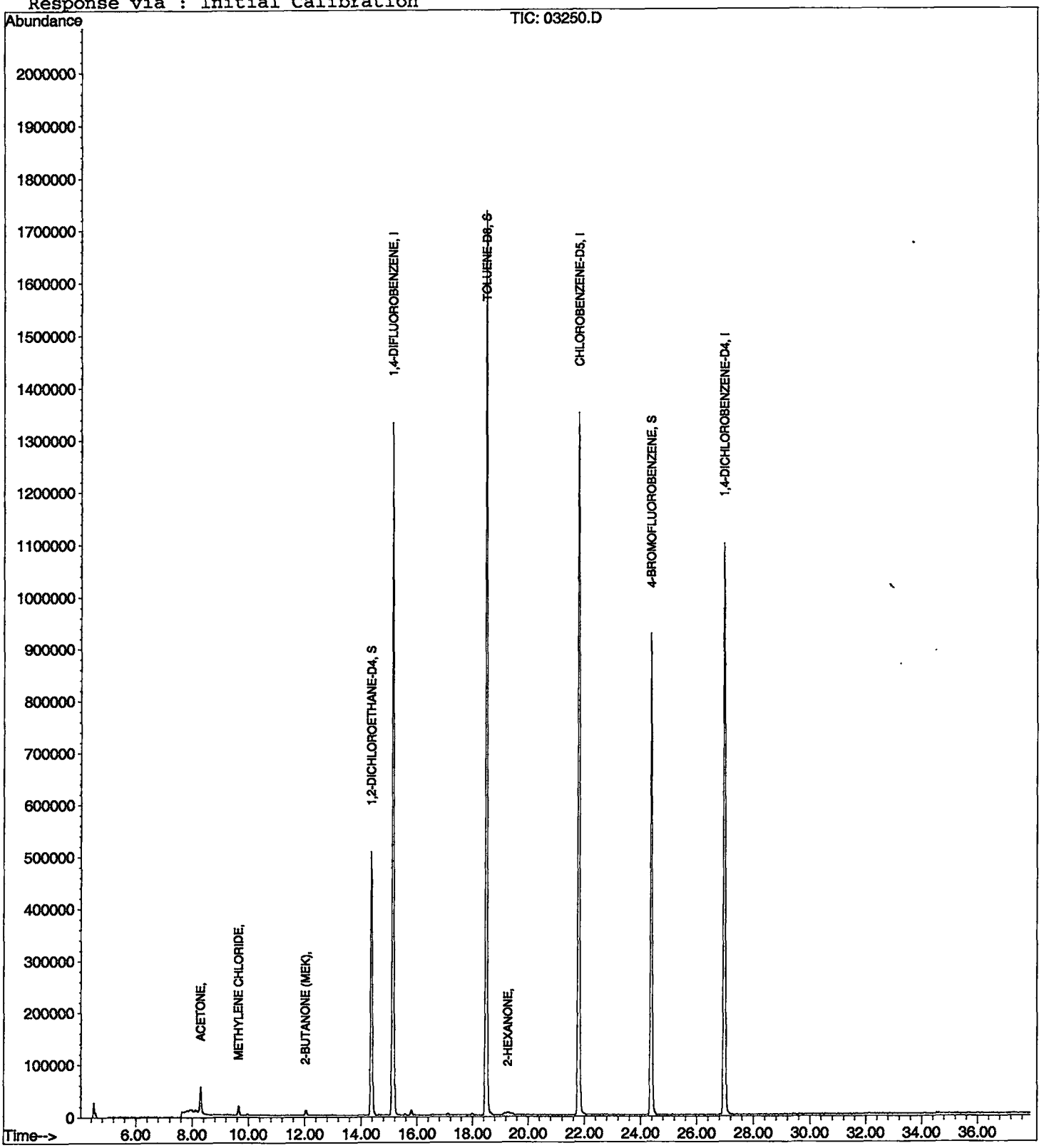
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03250.D
Acq On : 16 Feb 2002 3:08 am
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:17 2002

Vial: 24
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03250.D Vial: 24
Acq On : 16 Feb 2002 3:08 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

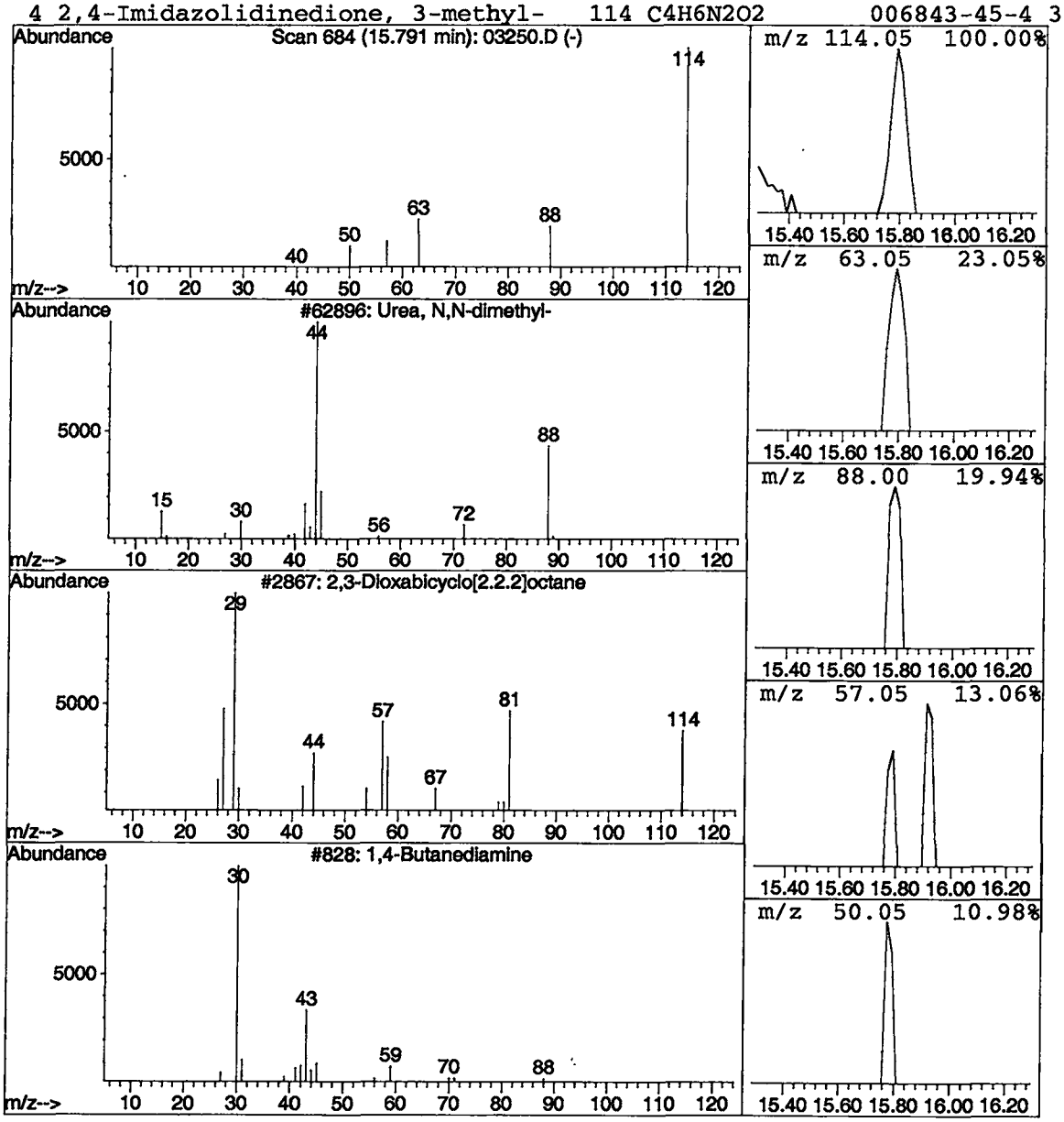
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	36072	1,4-DIFLUOROBENZENE	15.13

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	1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:34:04

Sample: AE03251
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:19 Ended: 02/15/02 11:19 Analyst: BH
Result source: a:\03251.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:34:04

Sample: AE03251
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:19 Ended: 02/15/02 11:19 Analyst: BH
Result source: a:\03251.rr
Page: 2

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

Comments for Sample AE03251 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:07:44

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03251.D Vial: 25
Acq On : 16 Feb 2002 3:55 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:18 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1853521	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1654607	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.98	152	738989	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	650232	4.61	ug/L	0.02
Spiked Amount 5.000			Recovery	=	92.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	574157	4.12	ug/L	0.02
Spiked Amount 5.000			Recovery	=	82.40%	
25) TOLUENE-D8	18.49	98	2121296	5.17	ug/L	0.02
Spiked Amount 5.000			Recovery	=	103.40%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	37927	2.98	ug/L	99
14) METHYLENE CHLORIDE	9.65	49	24590	0.23	ug/L	88
18) 2-BUTANONE (MEK)	12.03	43	33600	1.14	ug/L	93
46) 2-HEXANONE	19.17	43	9722	0.39	ug/L	30

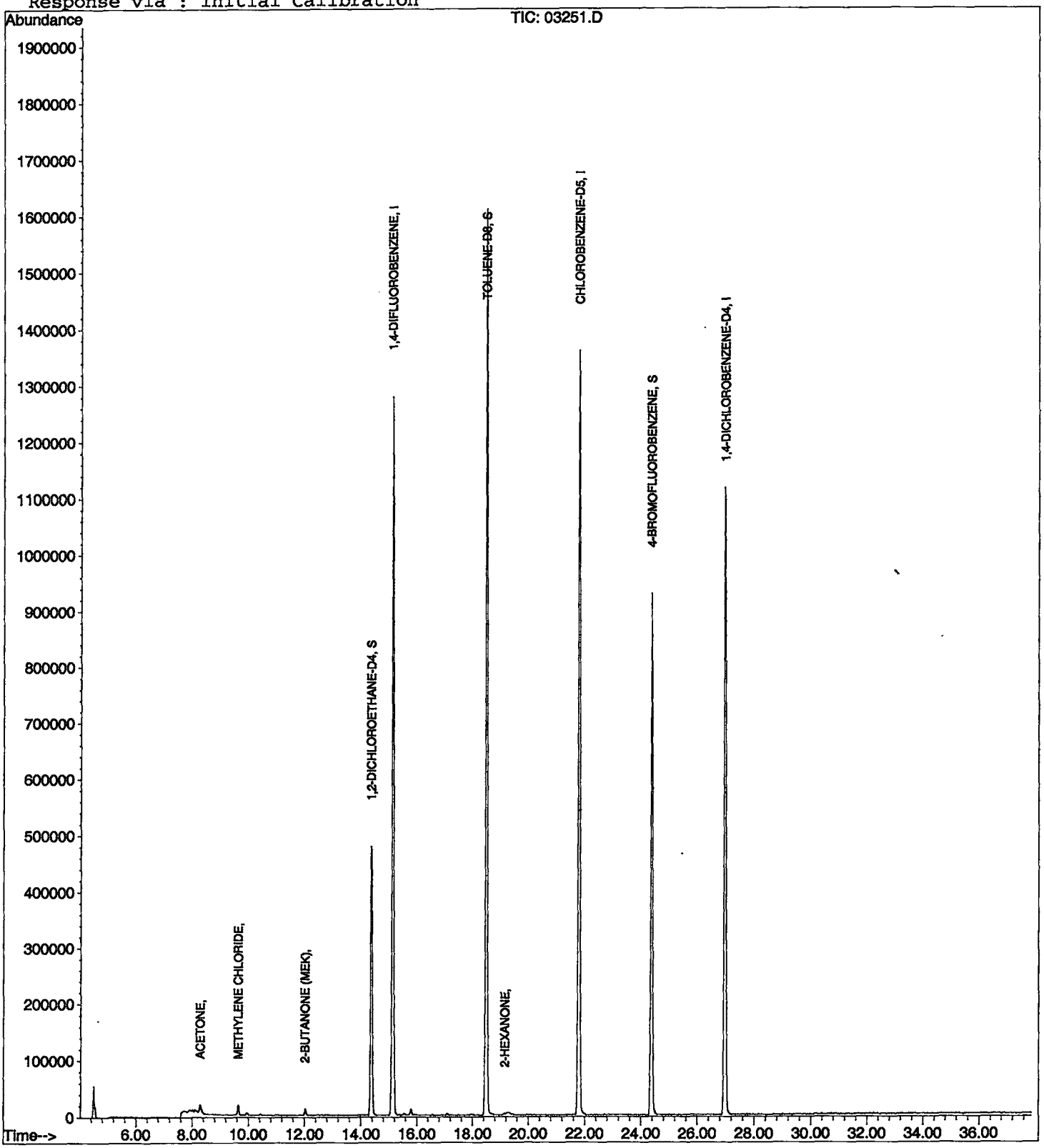
(#) = qualifier out of range (m) = manual integration
03251.D HP021302.M Sun Feb 17 11:18:51 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03251.D
Acq On : 16 Feb 2002 3:55 am
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:18 2002

Vial: 25
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03251.D Vial: 25
Acq On : 16 Feb 2002 3:55 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

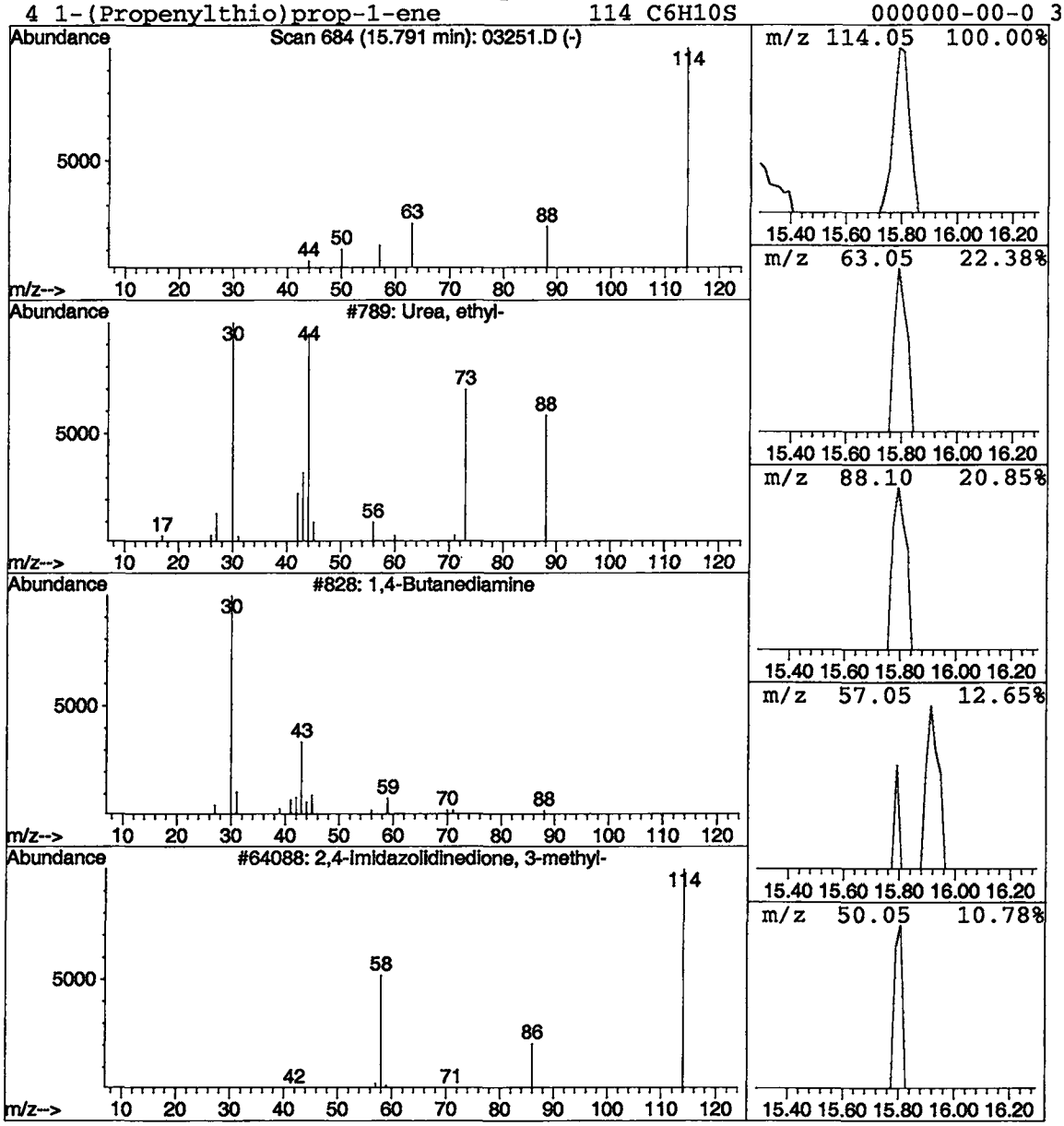
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	37226	1,4-DIFLUOROBENZENE	15.13

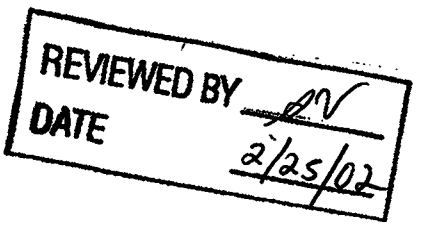
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	1,4-Butanediamine	88	C4H12N2	000110-60-1	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 12:03:15

Sample: AE03380
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:19 Ended: 02/05/02 11:19 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.1	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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 12:03:15

Sample: AE03380
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:19 Ended: 02/05/02 11:19 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		0.12-below 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\02FEB15\03380.D Vial: 26
Acq On : 16 Feb 2002 4:42 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:19 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1744791	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1636599	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	690534	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	658183	4.95	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.00%		
3) 4-BROMOFLUOROBENZENE	24.37	174	532288	4.06	ug/L	0.02
Spiked Amount 5.000			Recovery =	81.20%		
25) TOLUENE-D8	18.49	98	2120957	5.23	ug/L	0.02
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	55996	4.67	ug/L	86
14) METHYLENE CHLORIDE	9.65	49	21601	0.21	ug/L	91
18) 2-BUTANONE (MEK)	12.03	43	29429	~~1.06~~	ug/L	97
46) 2-HEXANONE	19.27	43	37065	~~1.51~~	ug/L	30
65) 1,3-DICHLOROBENZENE	27.04	146	13288	0.13	ug/L	98
66) 1,4-DICHLOROBENZENE 0.12	27.04	146	13288	0.12	ug/L	94

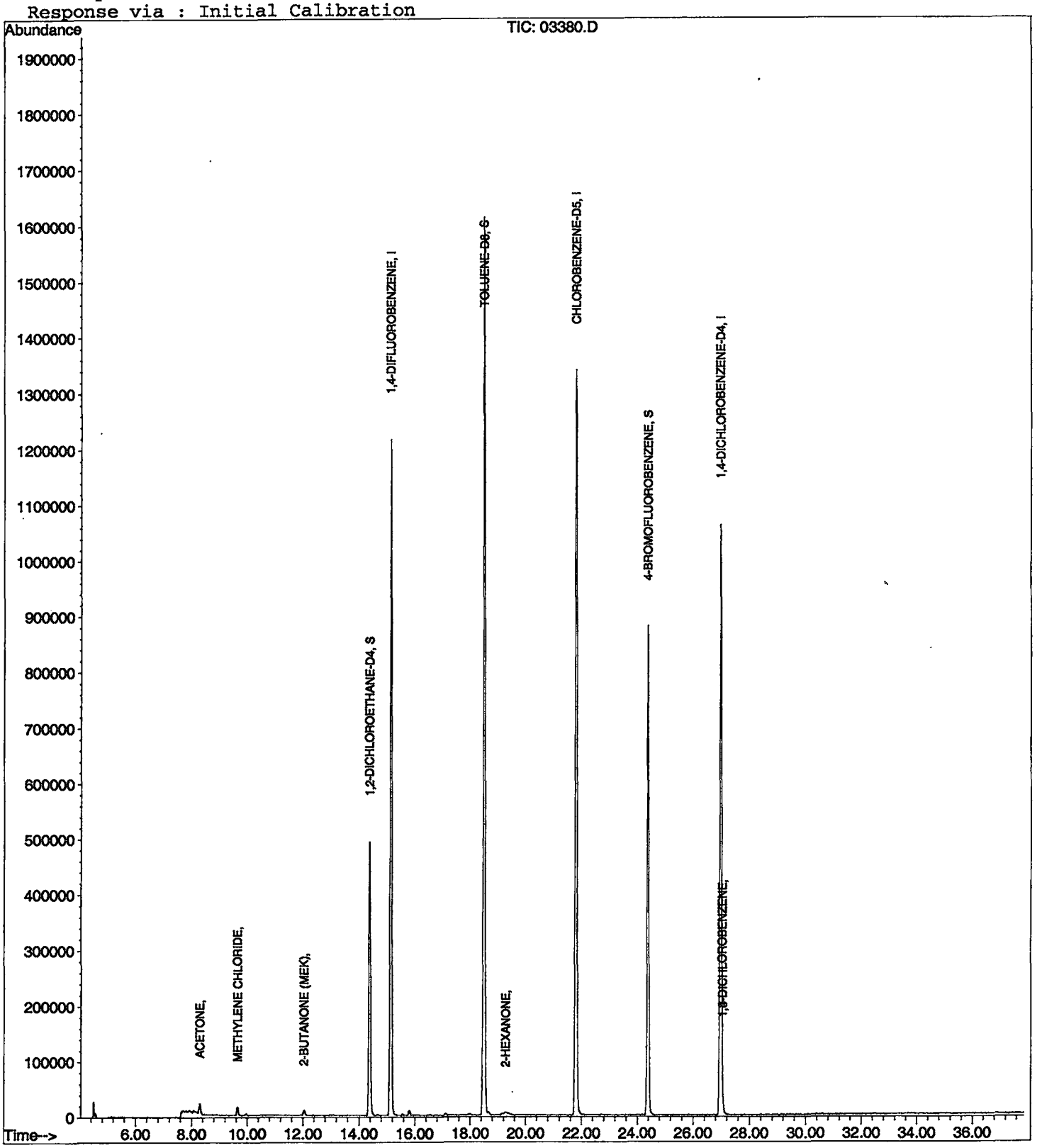
(#) = qualifier out of range (m) = manual integration
03380.D HP021302.M Sun Feb 17 11:19:24 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03380.D
Acq On : 16 Feb 2002 4:42 am
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:19 2002

Vial: 26
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Comments for Sample AE03380 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:07:51

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03380.D Vial: 26
Acq On : 16 Feb 2002 4:42 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

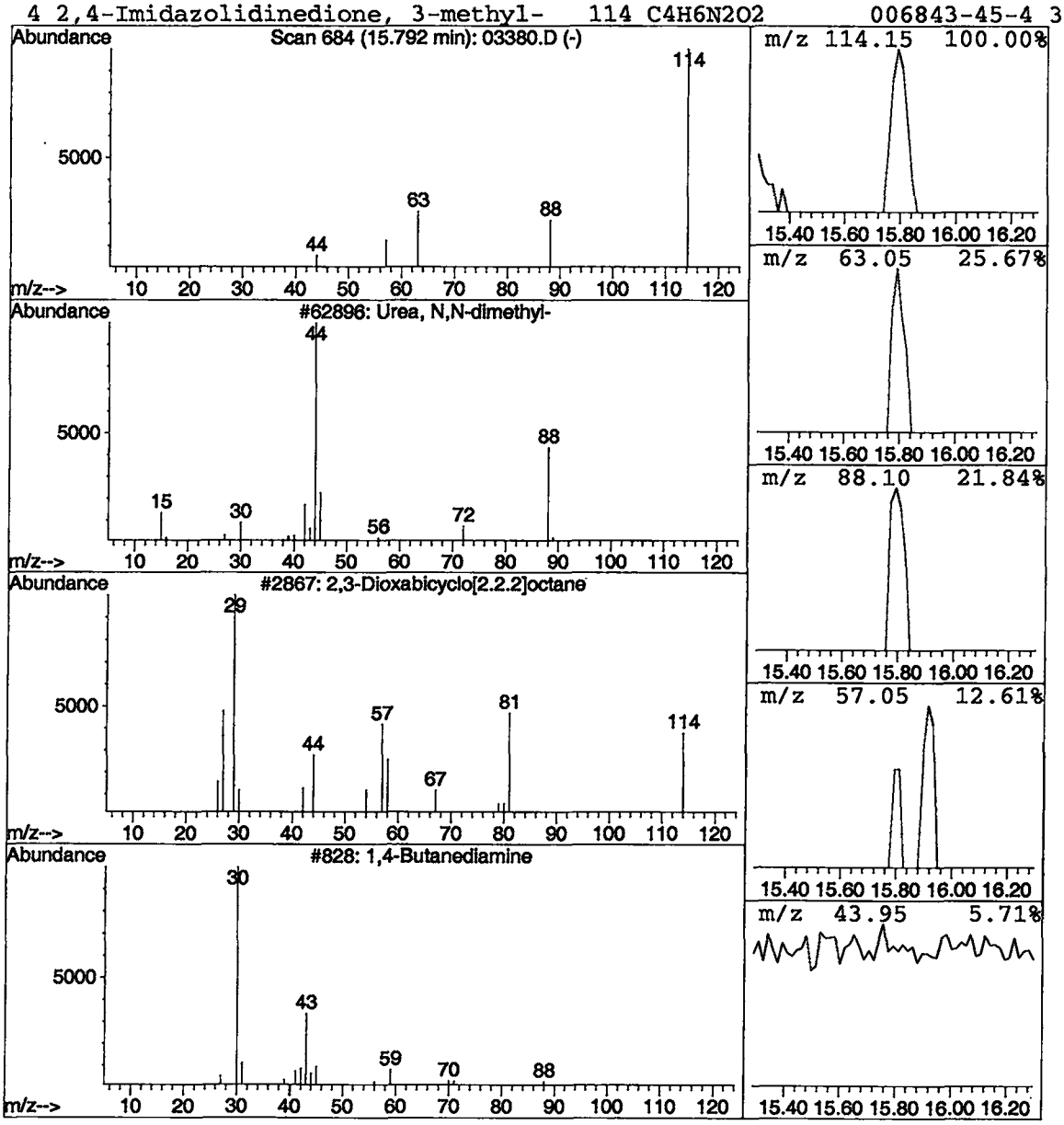
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	33460	1,4-DIFLUOROBENZENE	15.13

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	1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 12:04:01

Sample: AE03380
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 02/26/02 00:04 Ended: 02/26/02 00:04 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.3	.5
2	Surr - 4-BROMOFLUOROBENZE		5.2	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		0.50	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		4.8	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	*THM-Bromodichloromethar		< MDL	.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 12:04:01

Sample: AE03380
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 02/26/02 00:04 Ended: 02/26/02 00:04 Analyst: BH
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		0.12	.5
58	N-butylbenzene		< MDL	.5
59	1,2-dichlorobenzene		< MDL	.5
60	1,2,4-trichlorobenzene		< MDL	.5
61	Hexachlorobutadiene		< MDL	.5
62	Naphthalene		< MDL	.5
63	1,2,3-trichlorobenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 12:04:31

Sample: AE03380
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 02/15/02 11:19 Ended: 02/05/02 11:19 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.70
2	Surr - 4-BROMOFLUOROBENZE		1.1
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		0.50
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.40
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETH		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETH		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 12:04:31

Sample: AE03380
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 02/15/02 11:19 Ended: 02/05/02 11:19 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		0.0
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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB26\3380D.D Vial: 3
Acq On : 26 Feb 2002 4:46 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 26 17:27 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	15.15	114	2778234	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	2854430	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	27.00	152	1410378	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	917287	4.34	ug/L	0.04
Spiked Amount 5.000			Recovery =	86.80%		
3) 4-BROMOFLUOROBENZENE	24.40	174	1078889	5.17	ug/L	0.04
Spiked Amount 5.000			Recovery =	103.40%		
25) TOLUENE-D8	18.51	98	3424654	4.84	ug/L	0.04
Spiked Amount 5.000			Recovery =	96.80%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	164712	8.62	ug/L	92
18) 2-BUTANONE (MEK)	12.06	43	13447	0.30	ug/L	57
21) CHLOROFORM — 2.	12.87	83	101741	0.50	ug/L	98
46) 2-HEXANONE	19.26	43	14139	0.33	ug/L	30
65) 1,3-DICHLOROBENZENE	27.07	146	25998	0.12	ug/L	89
66) 1,4-DICHLOROBENZENE 0,12	27.07	146	25998	0.12	ug/L	93
70) 1,2,4-TRICHLOROBENZENE	32.03	180	10208	0.09	ug/L	92
72) NAPHTHALENE	32.88	128	41192	0.26	ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.57	180	12750	0.13	ug/L	94
74) NITROBENZENE	29.93	77	13904	6.36	ug/L	86

} Carryover

not in first run ∴ not reported
ok – is appropriate to report the original analysis.

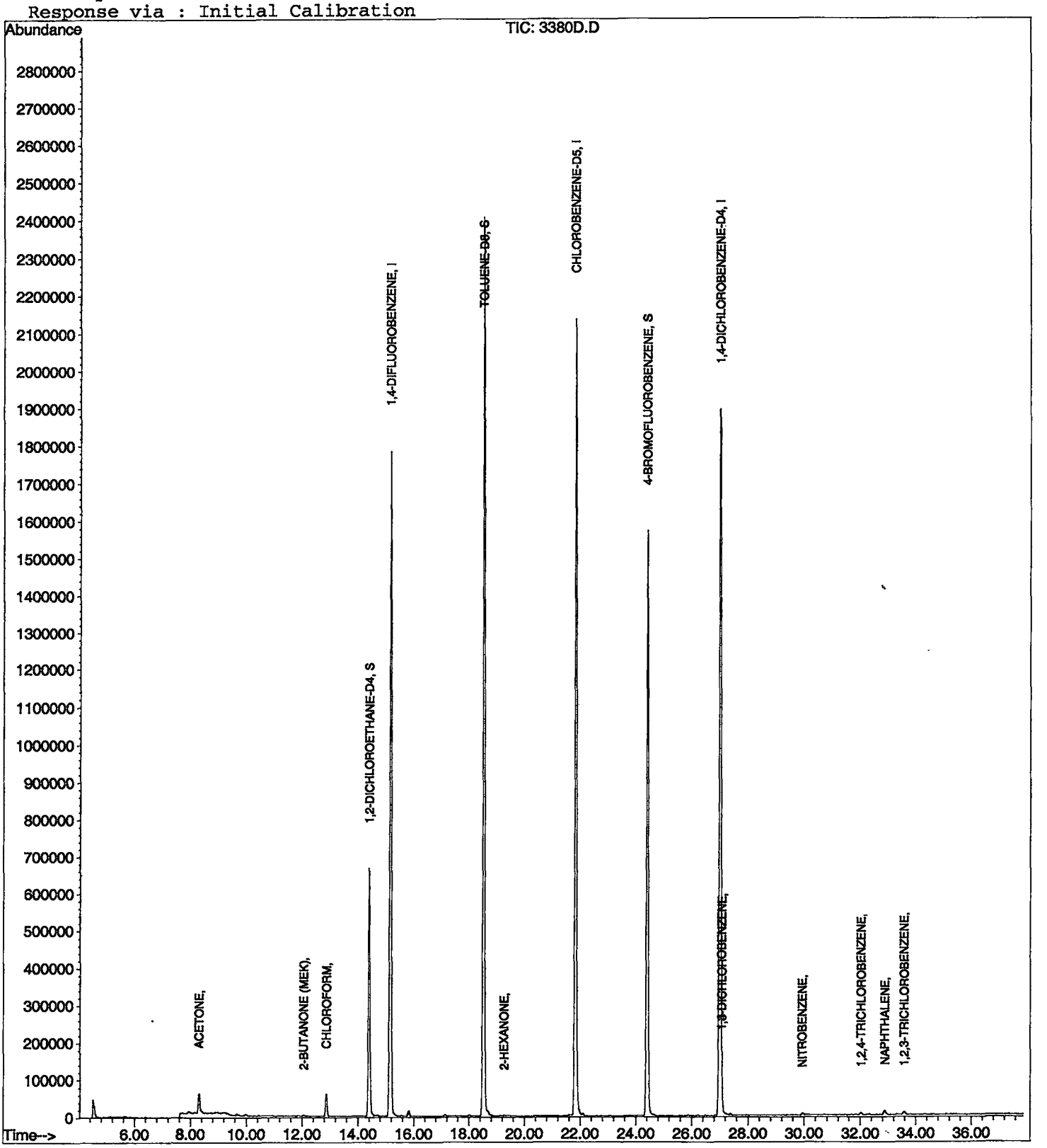
(#) = qualifier out of range (m) = manual integration
3380D.D HP022702.M Thu Feb 28 11:54:01 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB26\3380D.D
Acq On : 26 Feb 2002 4:46 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 17:27 2002

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
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 11:38:40 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb26\3380D.D Vial: 3
Acq On : 26 Feb 2002 4:46 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

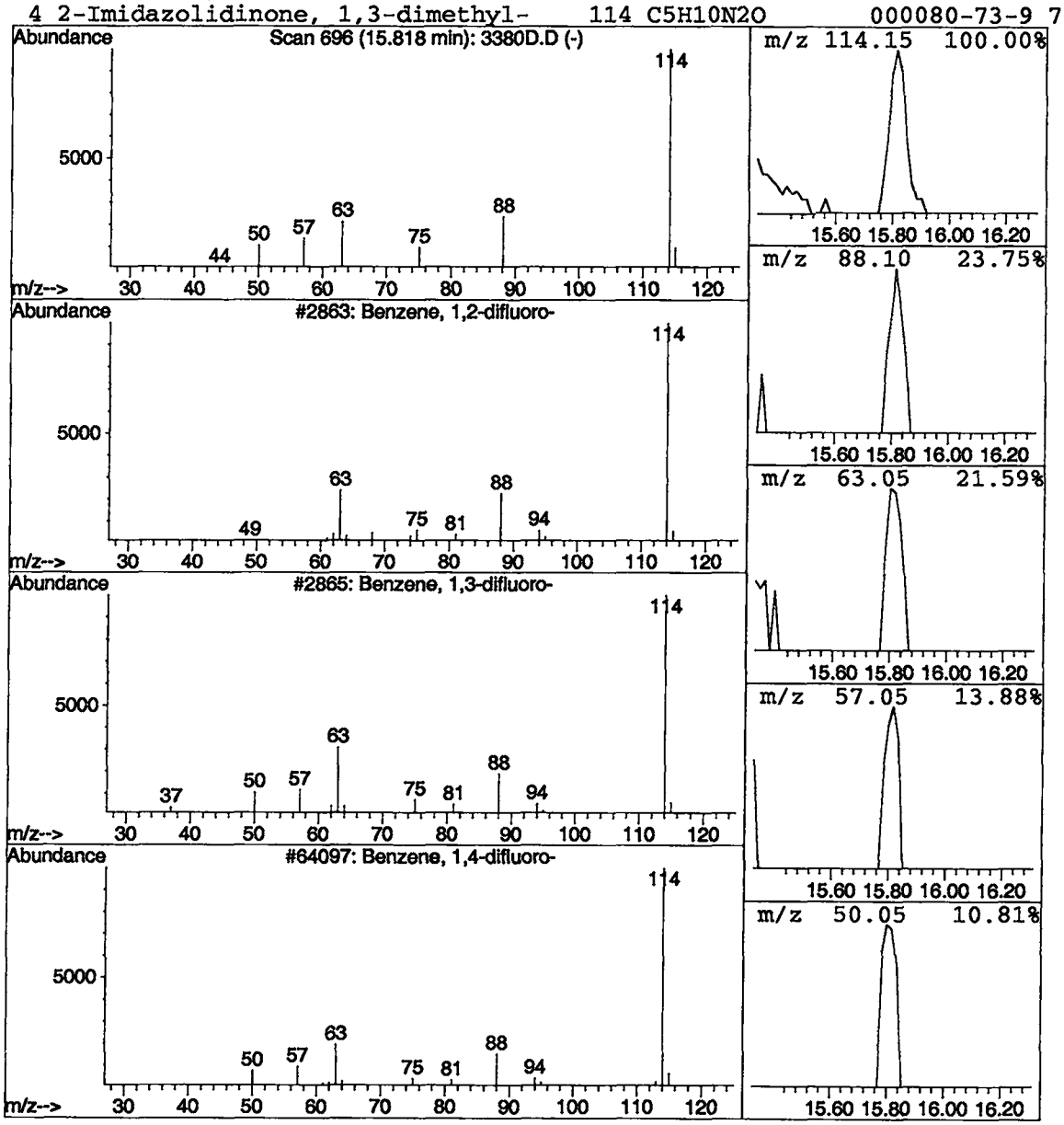
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Benzene, 1,2-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.05 ug/L	62890	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	83
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	78
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	78
4	2-Imidazolidinone, 1,3-dimethyl-	114	C5H10N2O	000080-73-9	7



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:35:14

Sample: AE03381
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:20 Ended: 02/15/02 11:20 Analyst: BH
Result source: a:\03381.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.8	0.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:35:14

Sample: AE03381
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:20 Ended: 02/15/02 11:20 Analyst: BH
Result source: a:\03381.rr
Page: 2

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

Comments for Sample AE03381 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:08:01

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03381.D Vial: 27
Acq On : 16 Feb 2002 5:31 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:19 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

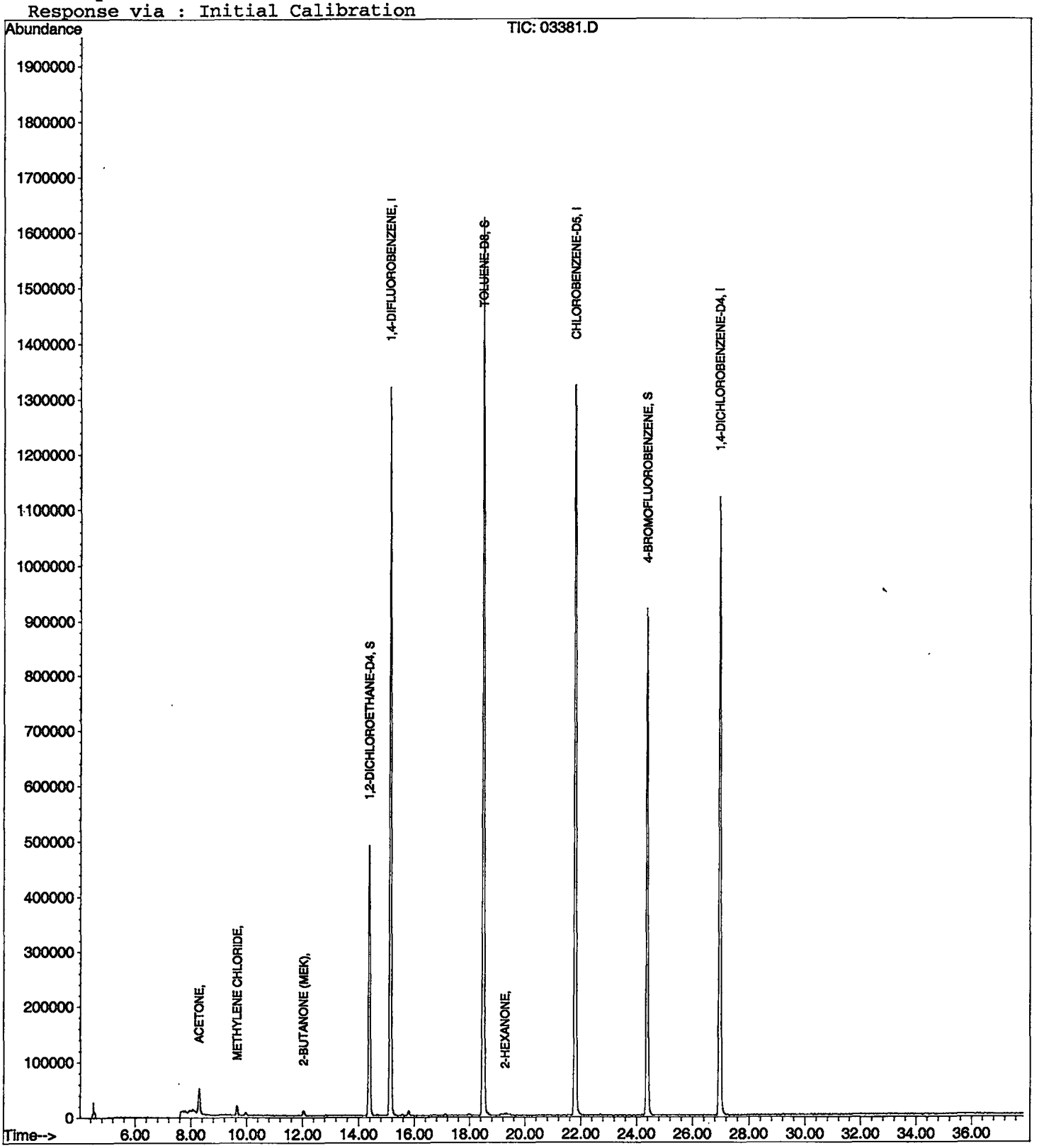
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1858782	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1648232	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	722856	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	678447	4.79	ug/L	0.02
Spiked Amount 5.000			Recovery =	95.80%		
3) 4-BROMOFLUOROBENZENE	24.37	174	566109	4.05	ug/L	0.02
Spiked Amount 5.000			Recovery =	81.00%		
25) TOLUENE-D8	18.49	98	2152651	5.27	ug/L	0.02
Spiked Amount 5.000			Recovery =	105.40%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	117495	9.19	ug/L	95
14) METHYLENE CHLORIDE	9.65	49	22688	0.21	ug/L	91
18) 2-BUTANONE (MEK)	12.03	43	30793	1.04	ug/L	100
46) ~~2-HEXANONE~~	19.27	43	29841	1.21	ug/L	30

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03381.D Vial: 27
Acq On : 16 Feb 2002 5:31 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:19 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03381.D
Acq On : 16 Feb 2002 5:31 am
Sample : nyc
Misc : February 15, 2002
MS Integration Params: RTEINT.P

Vial: 27
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

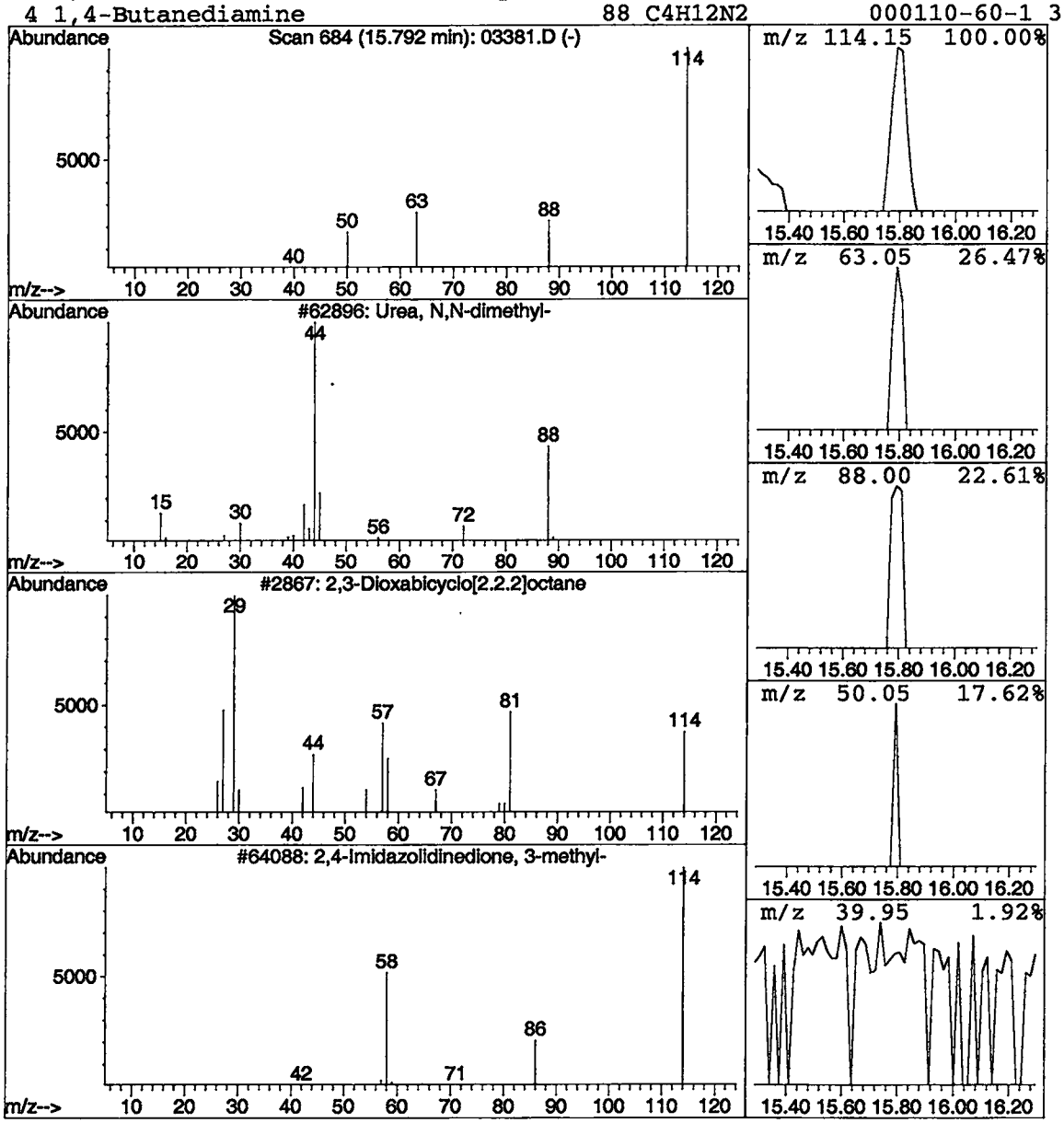
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.03 ug/L	30658	1,4-DIFLUOROBENZENE	15.13

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	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:35:41

Sample: AE03382
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:21 Ended: 02/15/02 11:21 Analyst: BH
Result source: a:\03382.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.9	0.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
DATE 2/25/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:35:41

Sample: AE03382
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/15/02 11:21 Ended: 02/15/02 11:21 Analyst: BH
Result source: a:\03382.rr
Page: 2

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

Comments for Sample AE03382 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:08:09

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03382.D Vial: 28
Acq On : 16 Feb 2002 6:18 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:20 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

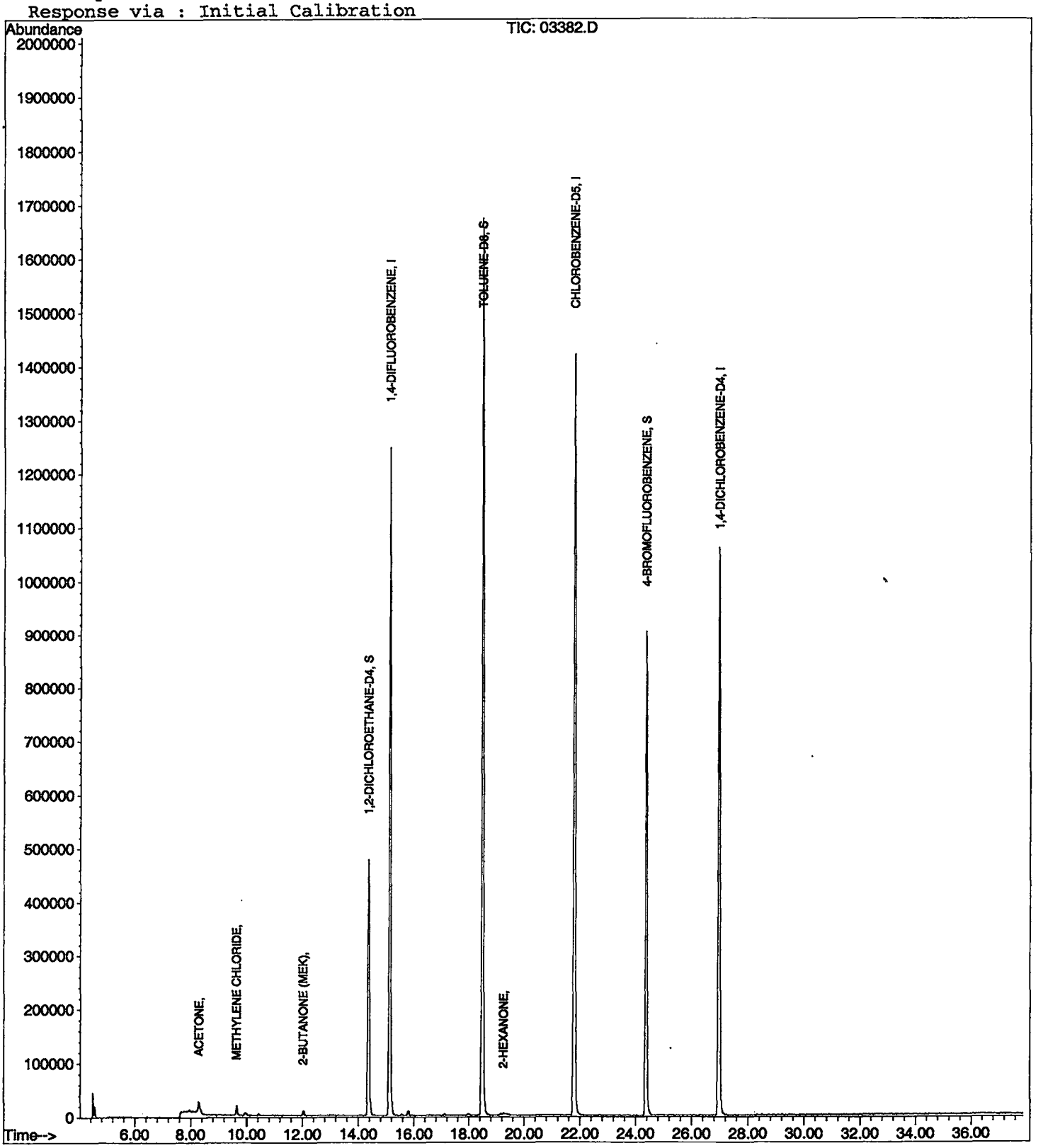
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1783566	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1684917	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.98	152	704257	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	661290	4.87	ug/L	0.02
Spiked Amount 5.000			Recovery	=	97.40%	
3) 4-BROMOFLUOROBENZENE	24.37	174	546076	4.07	ug/L	0.02
Spiked Amount 5.000			Recovery	=	81.40%	
25) TOLUENE-D8	18.49	98	2193532	5.25	ug/L	0.02
Spiked Amount 5.000			Recovery	=	105.00%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	52813	4.31	ug/L	92
14) METHYLENE CHLORIDE	9.65	49	22077	0.21	ug/L	95
18) 2-BUTANONE (MEK)	12.03	43	30531	~~1.07~~	ug/L	100
46) 2-HEXANONE	19.26	43	22637	~~0.89~~	ug/L	30

(#) = qualifier out of range (m) = manual integration
03382.D HP021302.M Sun Feb 17 11:21:03 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03382.D Vial: 28
Acq On : 16 Feb 2002 6:18 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:20 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03382.D Vial: 28
Acq On : 16 Feb 2002 6:18 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

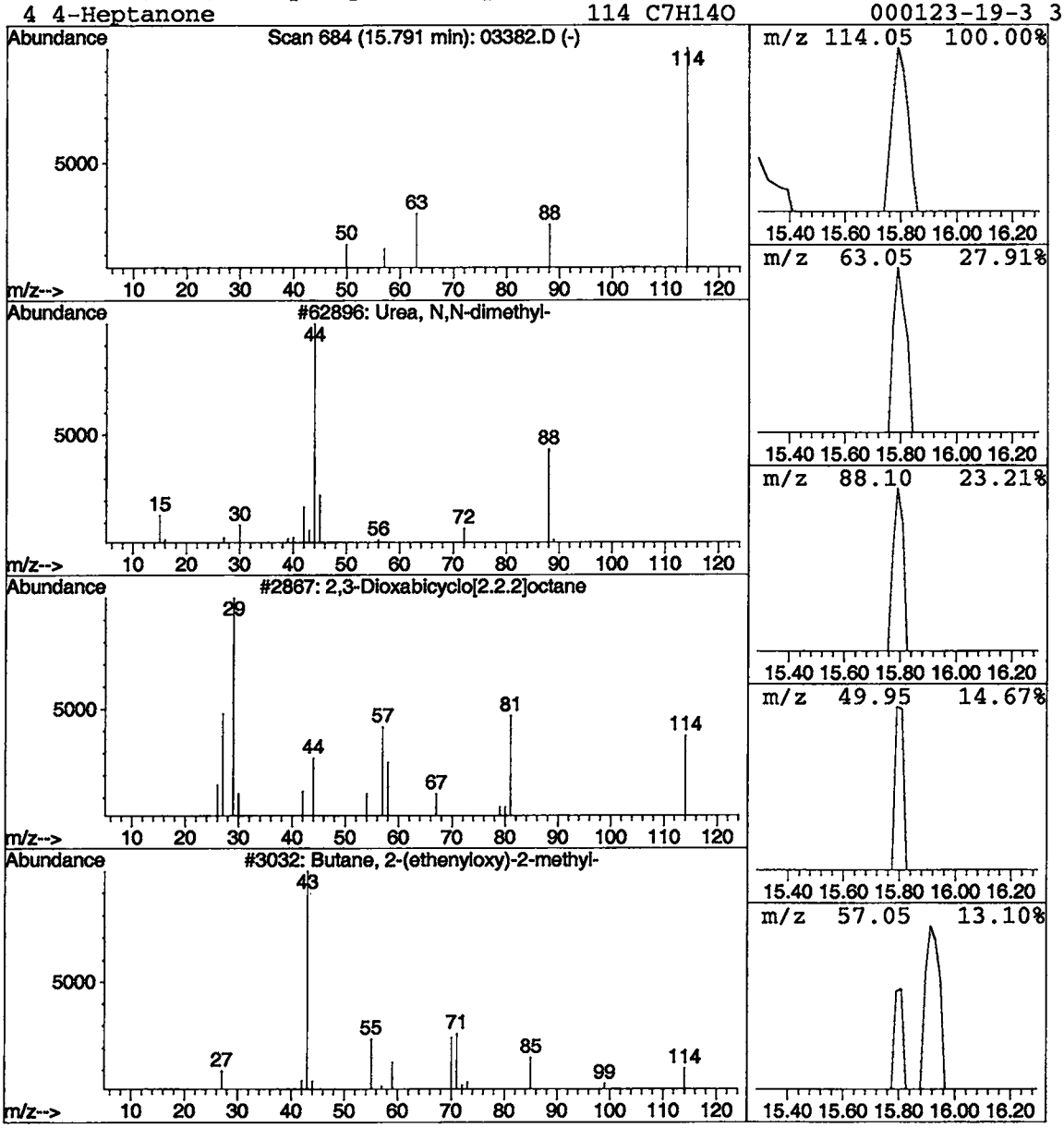
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	35031	1,4-DIFLUOROBENZENE	15.13

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: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:41:42

Sample: AE02719
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:49 Ended: 02/15/02 11:49 Analyst: BH
Result source: a:\02719f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.7	.5
2	Surr_4-BROMOFLUOROBENZEN		4.0	.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		5.3	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:41:42

Sample: AE02719
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:49 Ended: 02/15/02 11:49 Analyst: BH
Result source: a:\02719f.rr
Page: 2

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

Comments for Sample AE02719 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:09:25

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\02719F.D Vial: 29
Acq On : 16 Feb 2002 7:07 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:49 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Sun Feb 17 11:32:06 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1763130	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1534722	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	685372	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	627025	4.67	ug/L	0.02
Spiked Amount 5.000			Recovery = 93.40%			
3) 4-BROMOFLUOROBENZENE	24.37	174	533402	4.03	ug/L	0.02
Spiked Amount 5.000			Recovery = 80.60%			
25) TOLUENE-D8	18.49	98	2008174	5.28	ug/L	0.02
Spiked Amount 5.000			Recovery = 105.60%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	401011	33.08	ug/L	95
14) METHYLENE CHLORIDE	9.65	49	119040	1.17	ug/L	98
18) 2-BUTANONE (MEK)	12.03	43	25016	0.89	ug/L	99
46) 2-HEXANONE	19.26	43	13429	0.58	ug/L	30

Lc6
Conf.

(#) = qualifier out of range (m) = manual integration
02719F.D HP021302.M Sun Feb 17 11:49:21 2002 Page 1

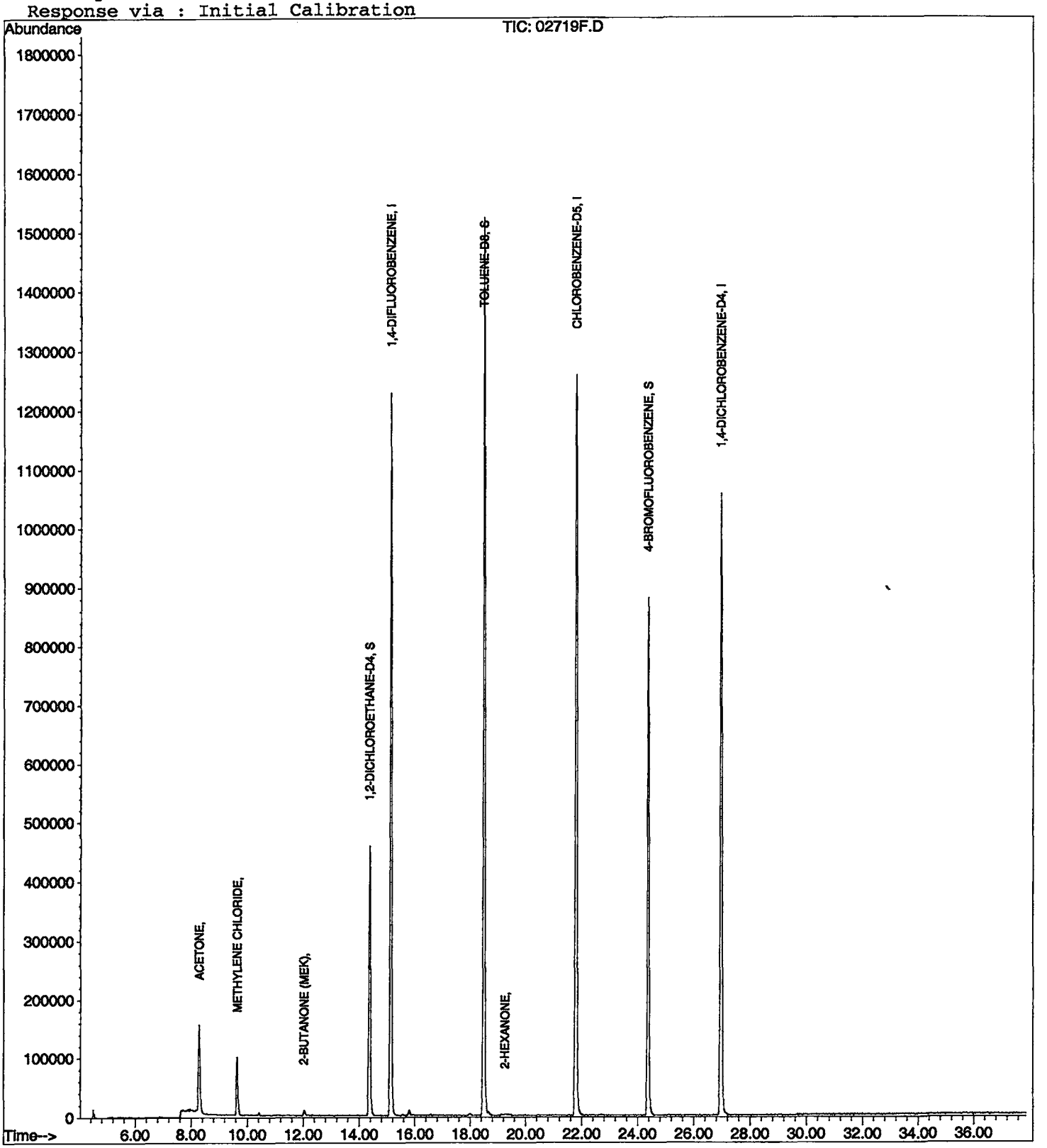
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\02719F.D
Acq On : 16 Feb 2002 7:07 am
Sample : nyc fb
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:49 2002

Vial: 29
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\02719F.D Vial: 29
Acq On : 16 Feb 2002 7:07 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

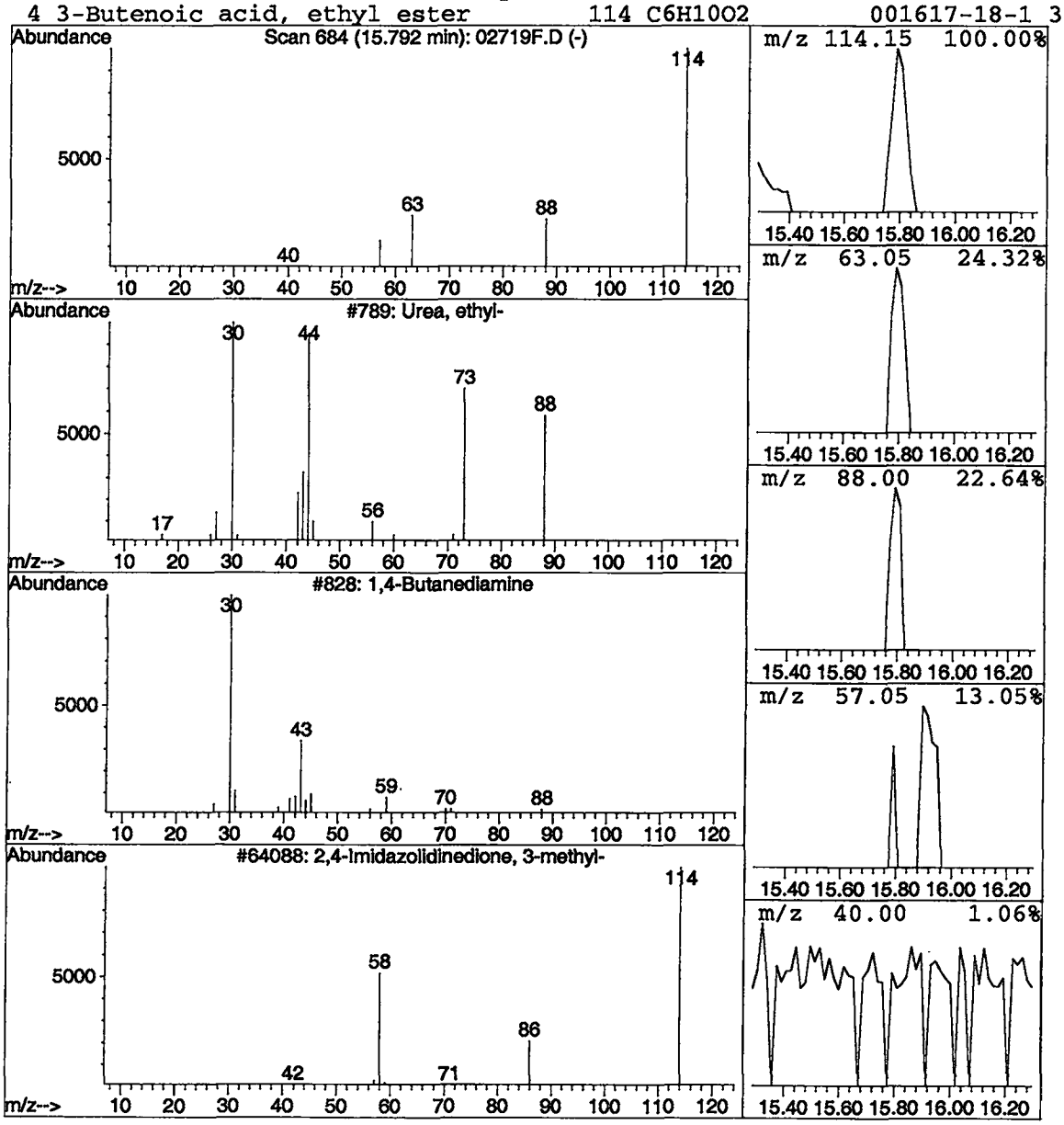
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.03 ug/L	30577	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	1,4-Butanediamine	88	C4H12N2	000110-60-1	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	3-Butenoic acid, ethyl ester	114	C6H10O2	001617-18-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:40:28

Sample: AE03015
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:51 Ended: 02/15/02 11:51 Analyst: BH
Result source: a:\03015f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.7	.5
2	Surr_4-BROMOFLUOROBENZEN		4.1	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:40:28

Sample: AE03015
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:51 Ended: 02/15/02 11:51 Analyst: BH
Result source: a:\03015f.rr
Page: 2

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

Comments for Sample AE03015 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:09:31

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03015F.D Vial: 30
Acq On : 16 Feb 2002 7:55 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 8:34 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

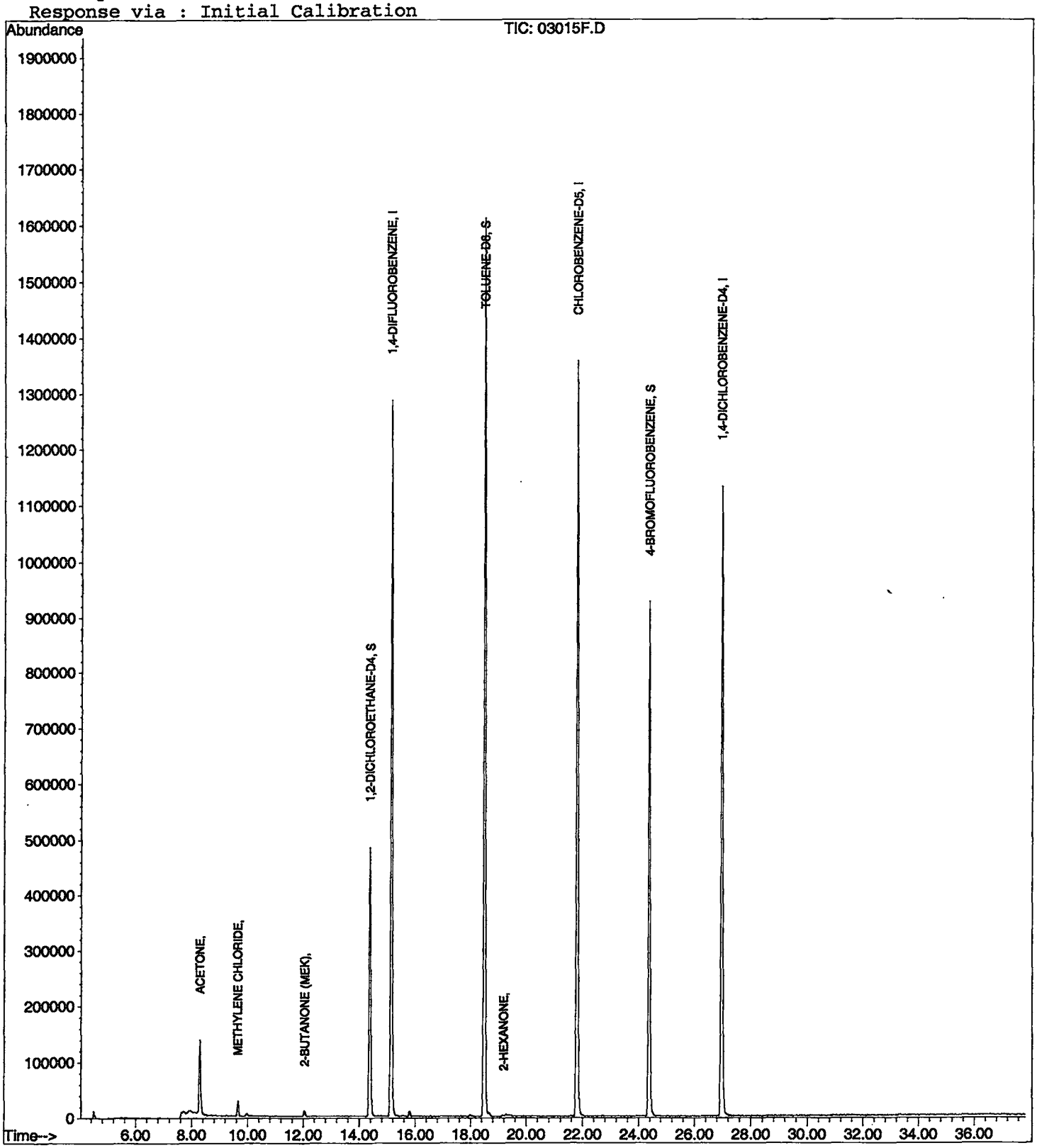
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1828050	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1631423	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	733158	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	657186	4.72	ug/L	0.02
Spiked Amount 5.000			Recovery = 94.40%			
3) 4-BROMOFLUOROBENZENE	24.37	174	569671	4.15	ug/L	0.02
Spiked Amount 5.000			Recovery = 83.00%			
25) TOLUENE-D8	18.49	98	2101573	5.19	ug/L	0.02
Spiked Amount 5.000			Recovery = 103.80%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	348626	27.74	ug/L	95
14) METHYLENE CHLORIDE	9.65	49	35716	0.34	ug/L	93
18) 2-BUTANONE (MEK)	12.05	43	33327	~~1.14 ug/L~~		100
46) ~~2-HEXANONE~~	19.18	43	2847	0.12	ug/L	30

(#) = qualifier out of range (m) = manual integration
03015F.D HP021302.M Sun Feb 17 11:50:55 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03015F.D Vial: 30
Acq On : 16 Feb 2002 7:55 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 8:34 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Sun Feb 17 11:32:06 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03015F.D Vial: 30
Acq On : 16 Feb 2002 7:55 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

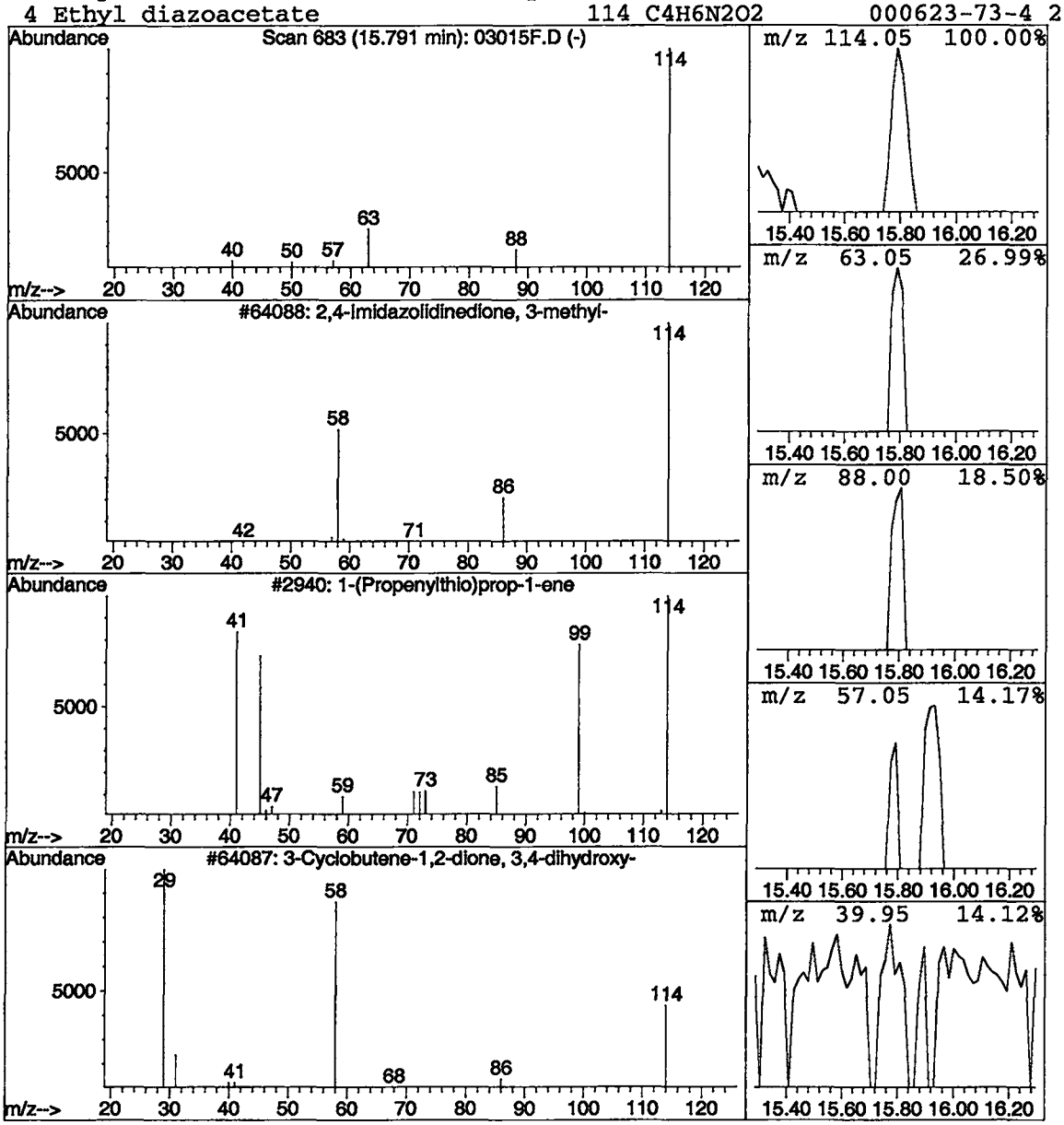
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	37514	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:43:23

Sample: AE03019
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:14 Ended: 02/15/02 11:14 Analyst: BH
Result source: a:\03019f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.7	.5
2	Surr_4-BROMOFLUOROBENZEN		4.2	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.5	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:43:23

Sample: AE03019
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:14 Ended: 02/15/02 11:14 Analyst: BH
Result source: a:\03019f.rr
Page: 2

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

Comments for Sample AE03019 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:09:40

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03019F.D Vial: 31
Acq On : 16 Feb 2002 8:42 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:13 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

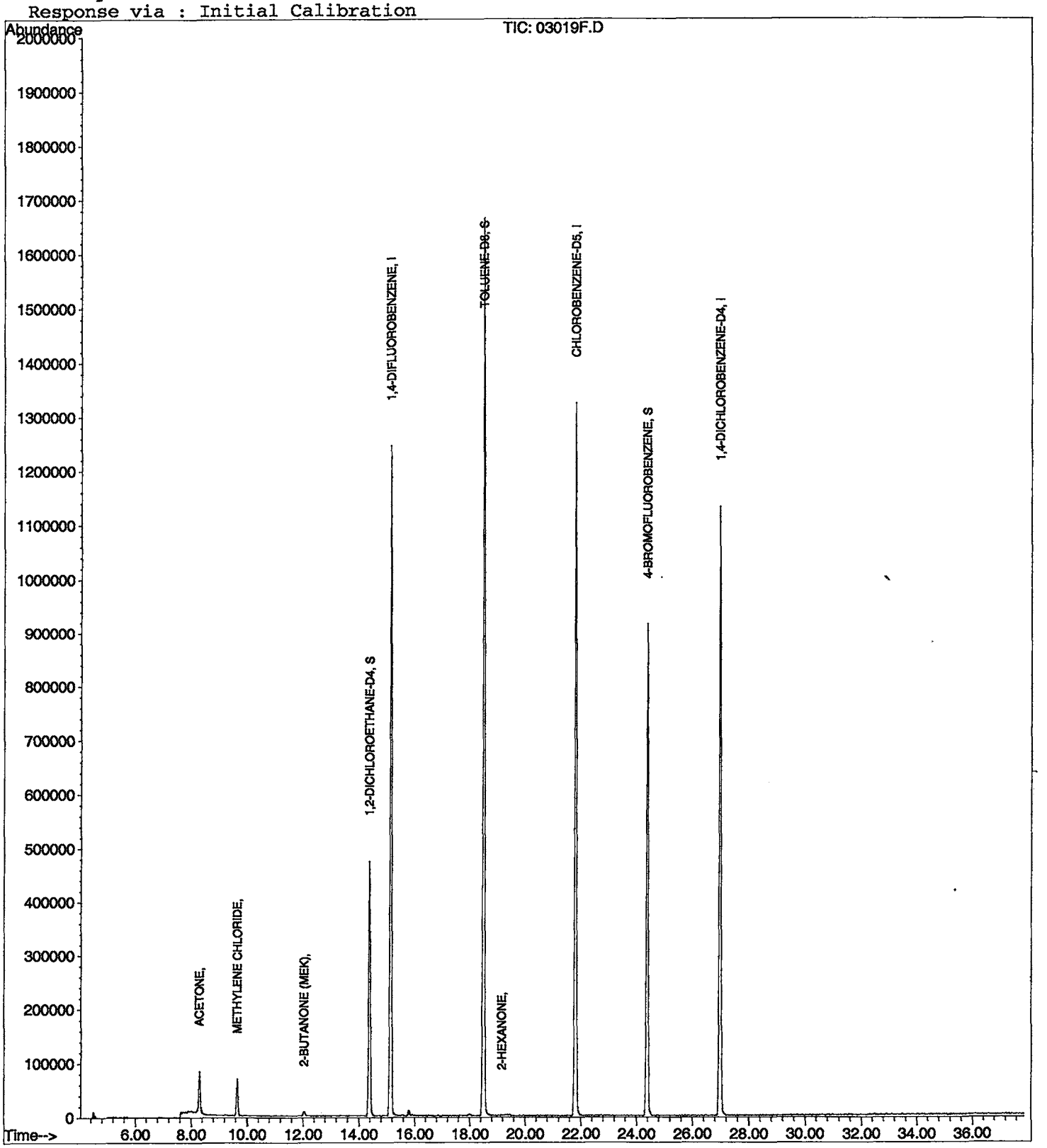
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1782572	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1599058	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	731287	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	637933	4.70	ug/L	0.02
Spiked Amount 5.000			Recovery =	94.00%		
3) 4-BROMOFLUOROBENZENE	24.37	174	558903	4.17	ug/L	0.02
Spiked Amount 5.000			Recovery =	83.40%		
25) TOLUENE-D8	18.49	98	2197395	5.54	ug/L	0.02
Spiked Amount 5.000			Recovery =	110.80%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	208639	17.03	ug/L	94
14) METHYLENE CHLORIDE	9.65	49	82906	0.81	ug/L	93
18) 2-BUTANONE (MEK)	12.03	43	26526	~~0.93 ug/L~~		98
46) 2-HEXANONE	19.15	43	7564	0.32	ug/L	30

(#) = qualifier out of range (m) = manual integration
03019F.D HP021302.M Sun Feb 17 11:13:46 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03019F.D Vial: 31
Acq On : 16 Feb 2002 8:42 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:13 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03019F.D Vial: 31
Acq On : 16 Feb 2002 8:42 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

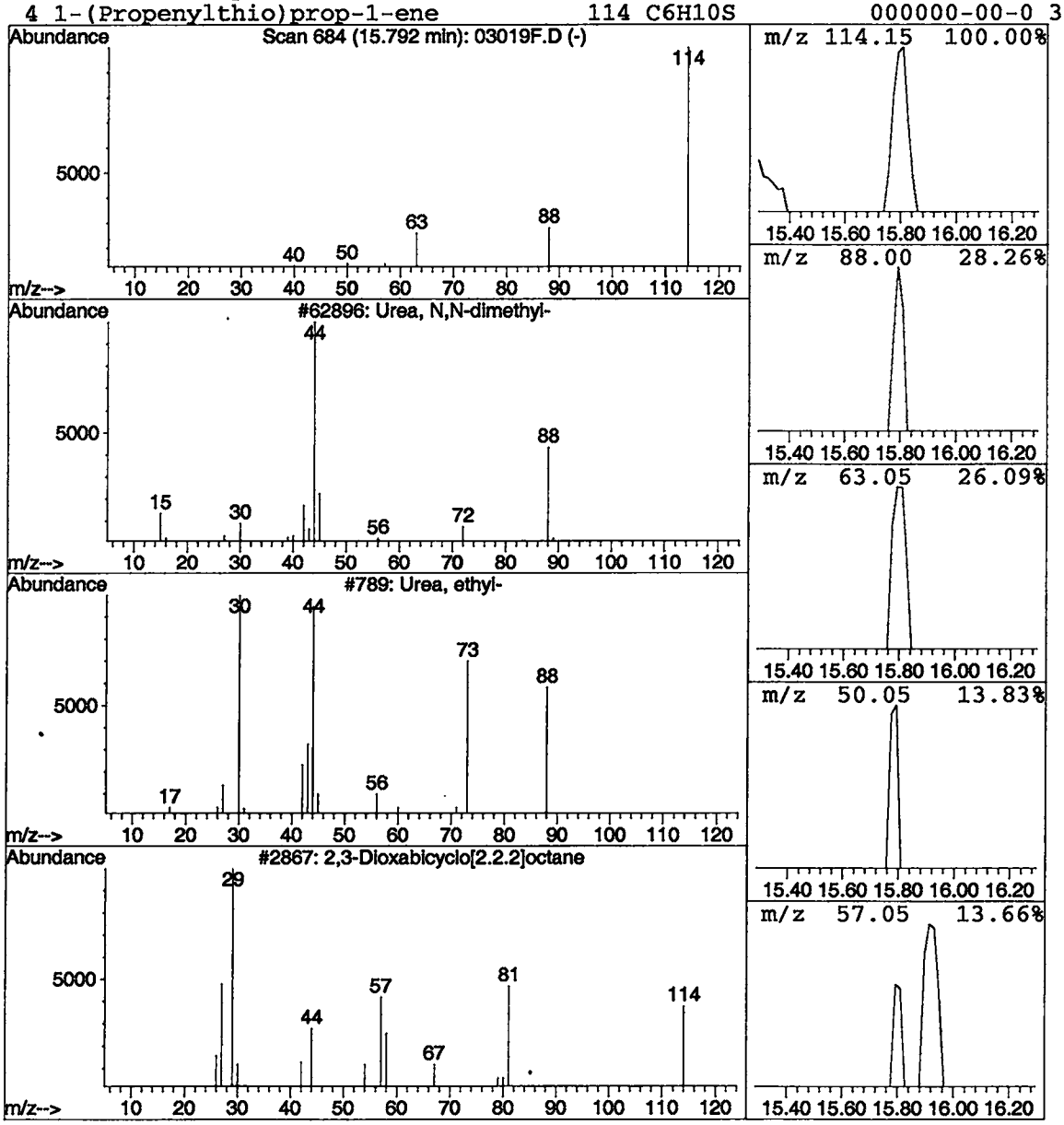
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	41781	1,4-DIFLUOROBENZENE	15.13

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	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:44:01

Sample: AE03246
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:16 Ended: 02/15/02 11:16 Analyst: BH
Result source: a:\03246f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.7	.5
2	Surr_4-BROMOFLUOROBENZEN		3.9	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:44:01

Sample: AE03246
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:16 Ended: 02/15/02 11:16 Analyst: BH
Result source: a:\03246f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03246F.D Vial: 32
Acq On : 16 Feb 2002 9:31 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:15 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1707006	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1586567	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.97	152	648877	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	609289	4.69	ug/L	0.02
Spiked Amount 5.000			Recovery	=	93.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	500128	3.90	ug/L	0.02
Spiked Amount 5.000			Recovery	=	78.00%	
25) TOLUENE-D8	18.49	98	2061523	5.24	ug/L	0.02
Spiked Amount 5.000			Recovery	=	104.80%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	123104	~~10.49~~	~~ug/L~~	95
14) METHYLENE CHLORIDE	9.65	49	130043	~~1.32~~	~~ug/L~~	97
18) 2-BUTANONE (MEK)	12.05	43	27675	~~1.02~~	~~ug/L~~	94
46) 2-HEXANONE	19.27	43	23329	0.98	ug/L	30

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

Comments for Sample AE03246 - Analysis $F_524

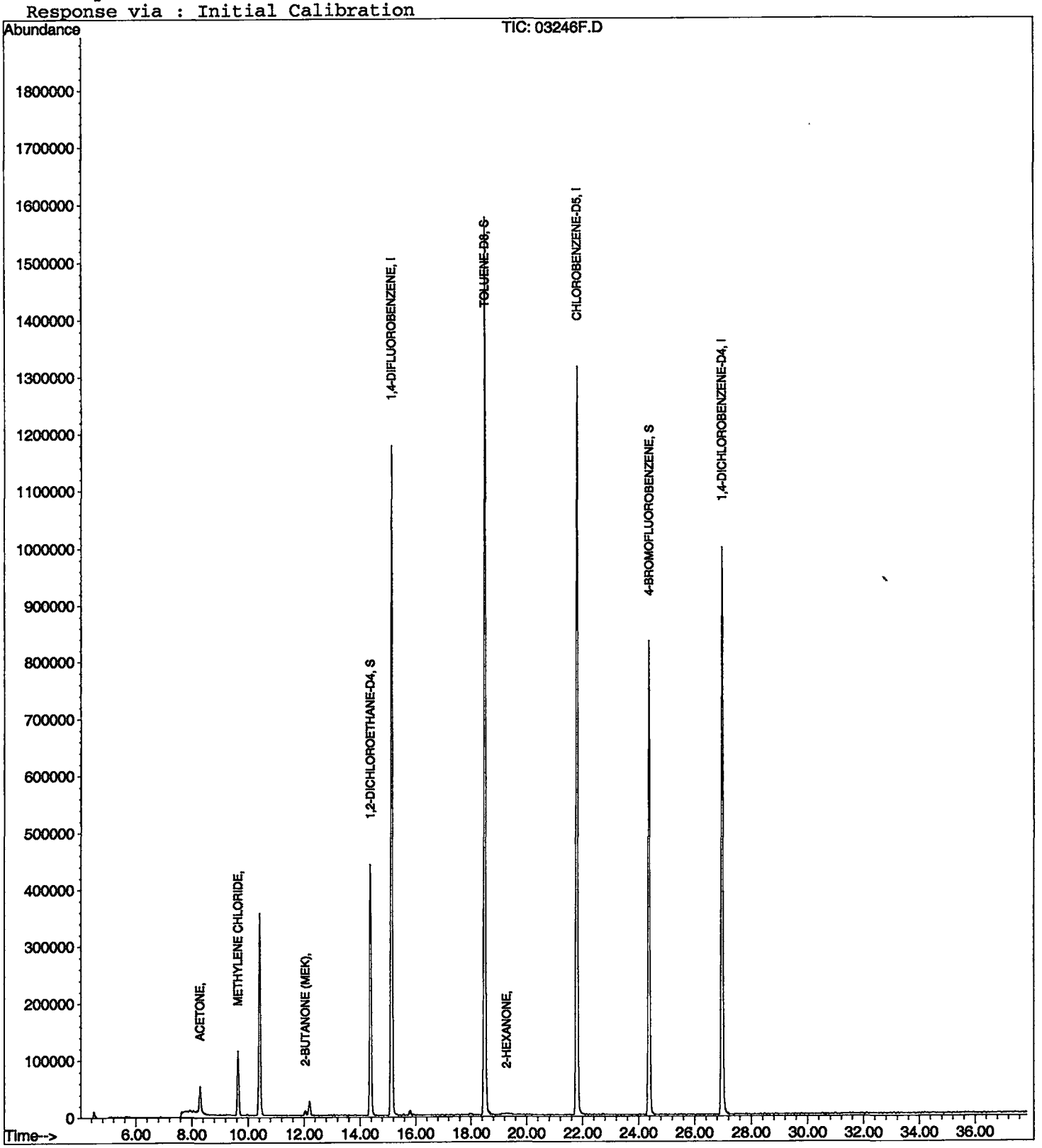
Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:07:09

The recovery of 2,2-dichloropropane in the CCV is 68%.
The recovery of naphthalene in the CCV is 62%.

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03246F.D Vial: 32
Acq On : 16 Feb 2002 9:31 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:15 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03246F.D Vial: 32
Acq On : 16 Feb 2002 9:31 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

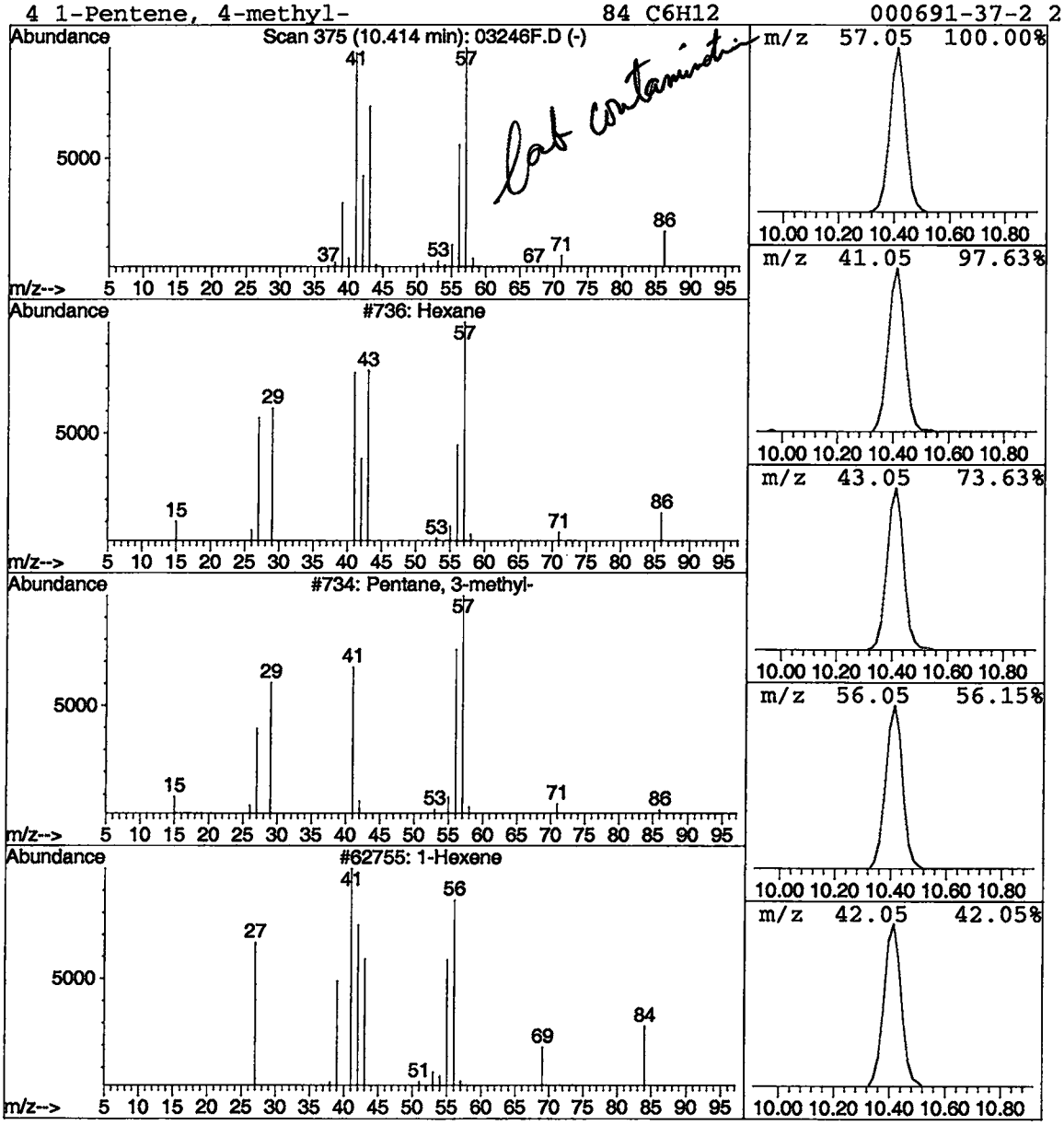
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	1.63 ug/L	1455990	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	32
3	1-Hexene	84	C6H12	000592-41-6	28
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03246F.D Vial: 32
Acq On : 16 Feb 2002 9:31 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

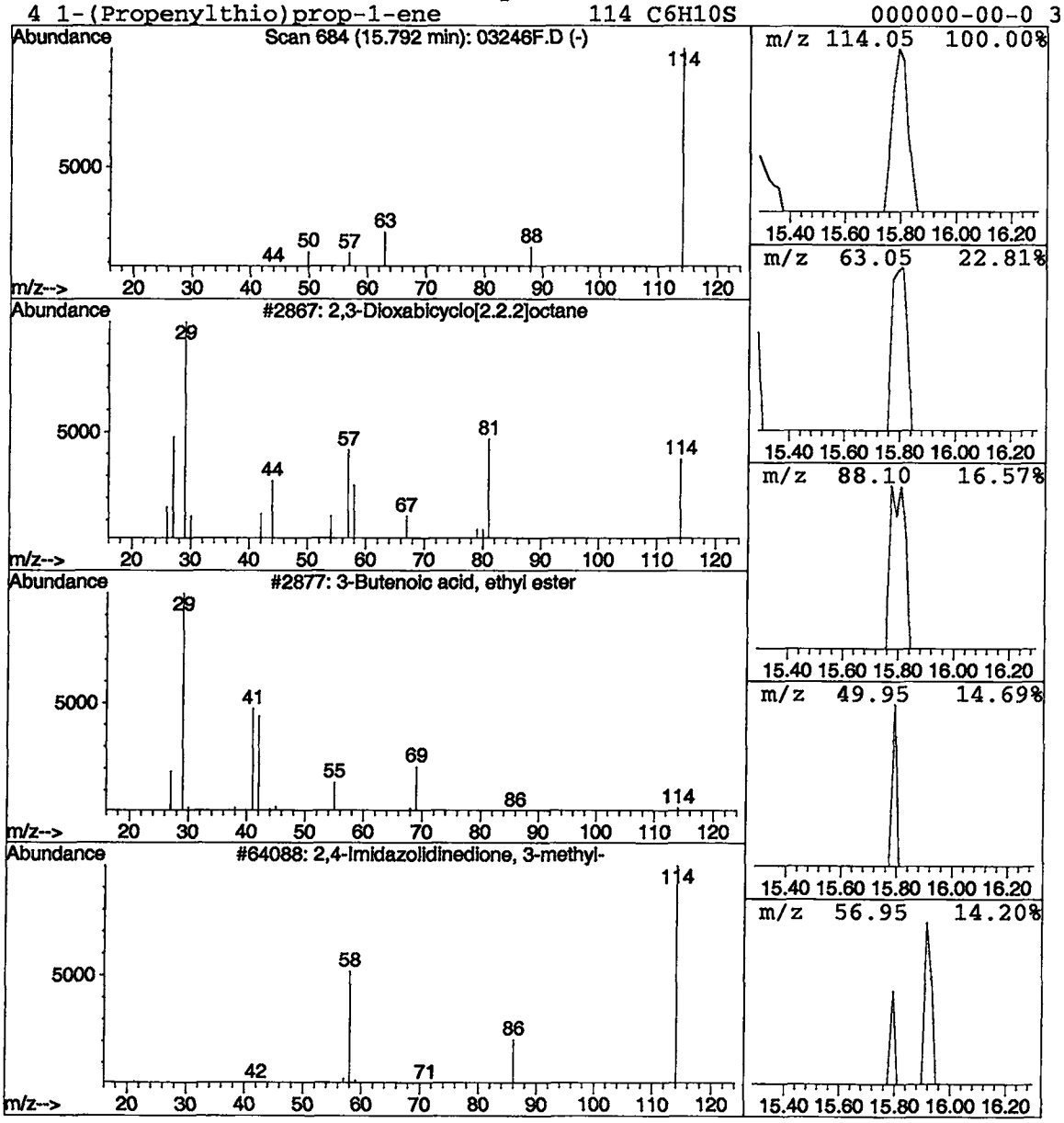
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	35253	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2	3-Butenoic acid, ethyl ester	114	C6H10O2	001617-18-1	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:49:30

Sample: AE03015
Analysis: SC3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 02/17/02 11:25 Ended: 02/17/02 11:25 Analyst: BH
Result source: a:\0215c10b.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.6	.5
2	Surr_4-BROMOFLUOROBENZEN		4.2	.5
3	Dichlorodifluoromethane		7.7	.5
4	Chloromethane		10	.5
5	Vinyl chloride	USPEC	14	.5
6	Bromomethane		11	.5
7	Chloroethane		9.9	.5
8	Trichlorofluoromethane		11	.5
9	1,1-Dichloroethene		11	.5
10	Methylene Chloride		9.9	.5
11	Methyl tert-butyl ether		8.5	1.0
12	trans-1,2-dichloroethene		10	.5
13	1,1-dichloroethane		9.9	.5
14	2-butanone (MEK)		7.8	2.0
15	2,2-dichloropropane	LSPEC	5.9	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		9.6	.5
18	Bromochloromethane		10	.5
19	1,2-dichloroethane		9.1	.5
20	Surr_TOLUENE-D8		5.6	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		11	.5
24	Benzene		12	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		12	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		11	1.0
30	cis-1,3-dichloropropene		10	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		9.9	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		22	.5
41	O-xylene		10	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		9.4	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		11	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:49:30

Sample: AE03015
Analysis: SC3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 02/17/02 11:25 Ended: 02/17/02 11:25 Analyst: BH
Result source: a:\0215c10b.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		11	.5
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		12	.5
51	4-chlorotoluene		9.3	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		10	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		9.8	.5
61	Hexachlobutadiene		9.7	.5
62	Naphthalene		7.4	.5
63	1,2,3-trichlorobenzene		9.9	.5
64	Nitrobenzene		180	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\0215C10B.D Vial: 33
Acq On : 16 Feb 2002 10:19 am Operator: 201-wb
Sample : cal10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 10:59 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1763399	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.80	117	1538131	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	720024	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	619273	4.61	ug/L	0.03
Spiked Amount 5.000			Recovery =	92.20%		
3) 4-BROMOFLUOROBENZENE	24.37	174	552298	4.17	ug/L	0.02
Spiked Amount 5.000			Recovery =	83.40%		
25) TOLUENE-D8	18.49	98	2145781	5.63	ug/L	0.02
Spiked Amount 5.000			Recovery =	112.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	480473	7.73	ug/L	99
5) CHLOROMETHANE	5.52	50	484293	10.23	ug/L	99
6) VINYL CHLORIDE	5.62	62	287685	13.76	ug/L	98
7) BROMOMETHANE	6.61	94	316985	11.03	ug/L	100
8) CHLOROETHANE	6.75	64	288502	9.94	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.32	101	606103	10.88	ug/L	98
12) ACETONE	8.29	43	110063	9.08	ug/L	97
13) 1,1-DICHLOROETHENE	8.64	61	953801	11.25	ug/L	99
14) METHYLENE CHLORIDE	9.65	49	1009142	9.91	ug/L	97
15) METHYL TERT BUTYL ETHER	9.94	73	954998	8.49	ug/L	93
16) TRANS-1,2-DICHLOROETHENE	10.31	61	1078699	9.95	ug/L	96
17) 1,1-DICHLOROETHANE	11.20	63	1263173	9.86	ug/L	99
18) 2-BUTANONE (MEK)	12.03	43	218780	7.79	ug/L	99
19) 2,2-DICHLOROPROPANE	12.41	77	610955	5.94	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.52	96	745167	10.18	ug/L	98
21) CHLOROFORM	12.85	83	1239685	9.63	ug/L	98
22) BROMOCHLOROMETHANE	13.23	49	630873	10.30	ug/L	99
23) 1,2-DICHLOROETHANE	14.57	62	789117	9.11	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.74	97	929026	10.83	ug/L	98
27) 1,1-DICHLOROPROPENE	14.07	75	975682	11.40	ug/L	98
28) CARBON TETRACHLORIDE	14.33	117	778680	11.17	ug/L	97
29) BENZENE	14.68	78	2575422	11.59	ug/L	99
30) TRICHLOROETHENE	15.95	95	752382	11.33	ug/L	95
31) 1,2-DICHLOROPROPANE	16.30	63	736686	11.73	ug/L	96
32) DIBROMOMETHANE	16.97	174	331066	11.11	ug/L	95
33) BROMODICHLOROMETHANE	16.82	83	871033	10.84	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.29	63	221992	9.56	ug/L	92
35) METHYL ISO-BUTYL KETONE	17.37	58	122377	10.64	ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.91	75	916698	10.34	ug/L	99
37) TOLUENE	18.66	91	2713084	11.68	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.94	75	640449	9.87	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.32	97	428023	11.37	ug/L	98
40) TETRACHLOROETHENE	20.11	166	740548	11.71	ug/L	96
41) 1,3-DICHLOROPROPANE	19.86	76	823330	11.17	ug/L	99
42) DIBROMOCHLOROMETHANE	20.54	129	494181	10.92	ug/L	99
43) 1,2-DIBROMOETHANE	20.99	107	434417	10.65	ug/L	93
44) CHLOROBENZENE	21.88	112	1650699	11.14	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.92	131	538396	10.84	ug/L	98
46) 2-HEXANONE	19.22	43	262898	11.38	ug/L	96
47) ETHYLBENZENE	21.92	91	2958378	11.05	ug/L	98
48) P & M-XYLENE	22.07	106	1996999	21.87	ug/L	93

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\0215C10B.D Vial: 33
Acq On : 16 Feb 2002 10:19 am Operator: 201-wb
Sample : cal10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 10:59 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

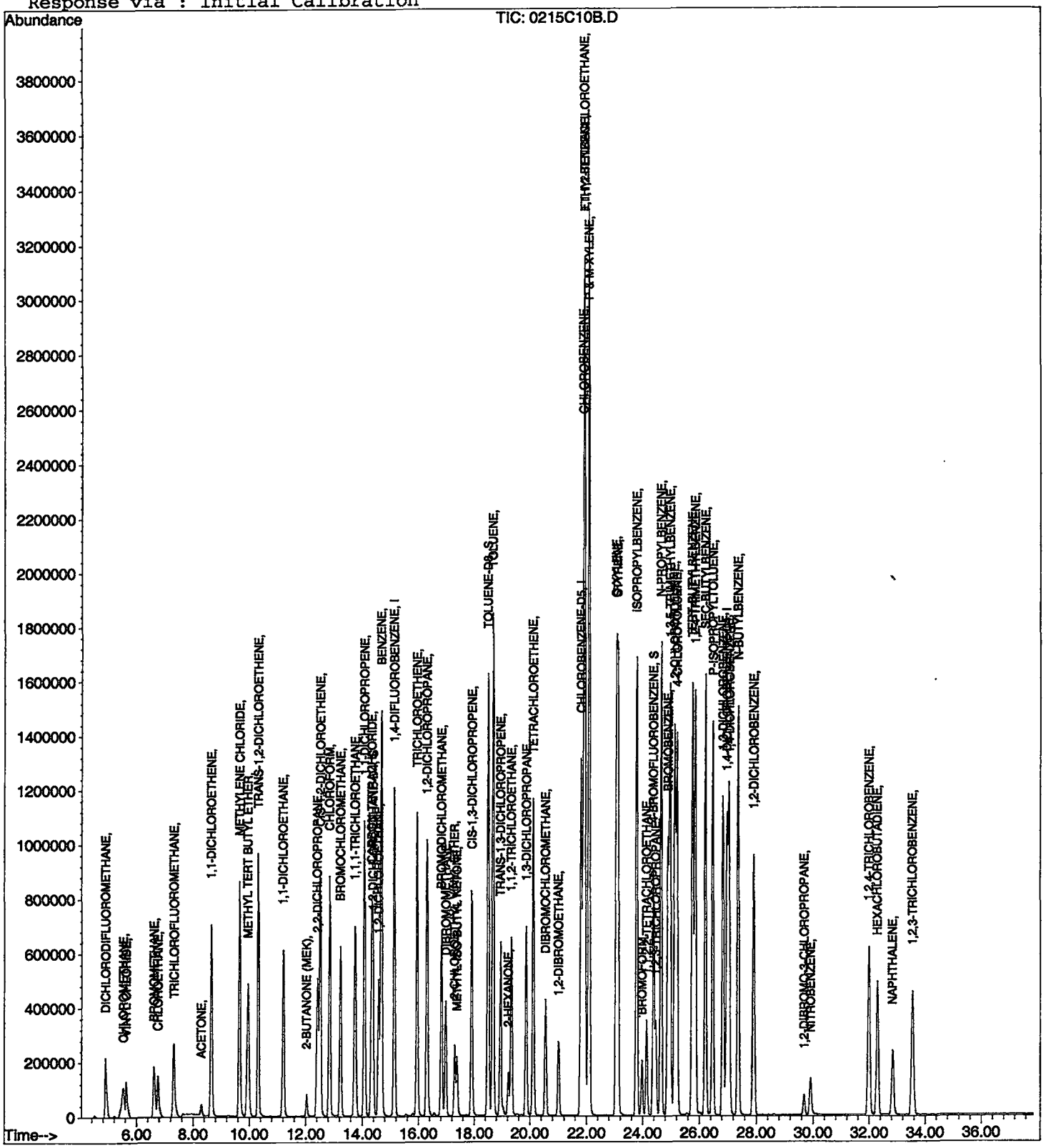
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	23.05	91	2220091	10.43 ug/L	96
50)	STYRENE	23.10	104	1637702	10.64 ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	455881	10.96 ug/L	100
53)	BROMOFORM	23.97	173	211118	9.41 ug/L	96
54)	ISOPROPYLBENZENE	23.78	105	2550309	10.93 ug/L	96
55)	1,2,3-TRICHLOROPROPANE	24.46	110	120173	10.47 ug/L	93
56)	N-PROPYLBENZENE	24.65	91	3286358	10.70 ug/L	97
57)	BROMOBENZENE	24.89	156	641758	10.97 ug/L	93
58)	1,3,5-TRIMETHYLBENZENE	24.96	105	2069706	10.38 ug/L	95
59)	2-CHLOROTOLUENE	25.12	91	2290092	11.54 ug/L	98
60)	4-CHLOROTOLUENE	25.21	91	1651183	9.31 ug/L	93
61)	TERT-BUTYLBENZENE	25.75	119	1953352	10.88 ug/L	95
62)	1,2,4-TRIMETHYLBENZENE	25.85	105	2145287	10.26 ug/L	95
63)	SEC-BUTYLBENZENE	26.22	105	2736837	10.69 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.48	119	2040114	10.50 ug/L	94
65)	1,3-DICHLOROBENZENE	26.83	146	1173567	10.66 ug/L	98
66)	1,4-DICHLOROBENZENE	27.05	146	1177430	10.47 ug/L	99
67)	N-BUTYLBENZENE	27.37	91	2142939	10.24 ug/L	99
68)	1,2-DICHLOROBENZENE	27.90	146	1005638	10.58 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	54647	10.49 ug/L	93
70)	1,2,4-TRICHLOROBENZENE	32.00	180	597686	9.81 ug/L	98
71)	HEXACHLOROBUTADIENE	32.29	225	287619	9.70 ug/L	98
72)	NAPHTHALENE	32.83	128	602027	7.37 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.54	180	481377	9.87 ug/L	96
74)	NITROBENZENE	29.91	77	199514	178.67 ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\0215C10B.D Vial: 33
Acq On : 16 Feb 2002 10:19 am Operator: 201-wb
Sample : cal10 Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 10:59 2002 Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:50:15

Sample: AE03250
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:18 Ended: 02/15/02 11:18 Analyst: BH
Result source: a:\03250f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.6	.5
2	Surr_4-BROMOFLUOROBENZEN		4.1	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 14:50:15

Sample: AE03250
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:18 Ended: 02/15/02 11:18 Analyst: BH
Result source: a:\03250f.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
49	1,3,5-trimethylbenzene		< MDL	.5
50	2-chlorotoluene		< MDL	.5
51	4-chlorotoluene		< MDL	.5
52	TERT-butylbenzene		< MDL	.5
53	1,2,4-trimethylbenzene		< MDL	.5
54	SEC-butylbenzene		< MDL	.5
55	P-isopropyltoluene		< MDL	.5
56	1,3-dichlorobenzene		< MDL	.5
57	1,4-dichlorobenzene		< MDL	.5
58	N-butylbenzene		< MDL	.5
59	1,2-dichlorobenzene		< MDL	.5
60	1,2,4-trichlorobenzene		< MDL	.5
61	Hexachlobutadiene		< MDL	.5
62	Naphthalene		0.58	.5
63	1,2,3-trichlorobenzene		< MDL	.5

Comments for Sample AE03250 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:11:01

The recovery of 2,2-dichloropropane in the CCV is 59%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03250F.D Vial: 33
Acq On : 16 Feb 2002 11:11 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:18 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1840405	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.80	117	1630404	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.98	152	728448	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	649653	4.64	ug/L	0.04
Spiked Amount 5.000			Recovery =	92.80%		
3) 4-BROMOFLUOROBENZENE	24.39	174	565845	4.09	ug/L	0.04
Spiked Amount 5.000			Recovery =	81.80%		
25) TOLUENE-D8	18.49	98	2110575	5.22	ug/L	0.02
Spiked Amount 5.000			Recovery =	104.40%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	330082	26.09	ug/L	94
14) METHYLENE CHLORIDE	9.65	49	129092	~~1.21 ug/L~~		96
18) 2-BUTANONE (MEK)	12.03	43	27653	~~0.94 ug~~/L		99
46) 2-HEXANONE	19.26	43	11632	0.48	ug/L	30
72) NAPHTHALENE	32.83	128	48240	~~0.58 ug~~/L		99
73) 1,2,3-TRICHLOROBENZENE	33.56	180	11393	~~0.23 ug~~/L		96

(#) = qualifier out of range (m) = manual integration
03250F.D HP021302.M Sun Feb 17 11:18:17 2002 Page 1

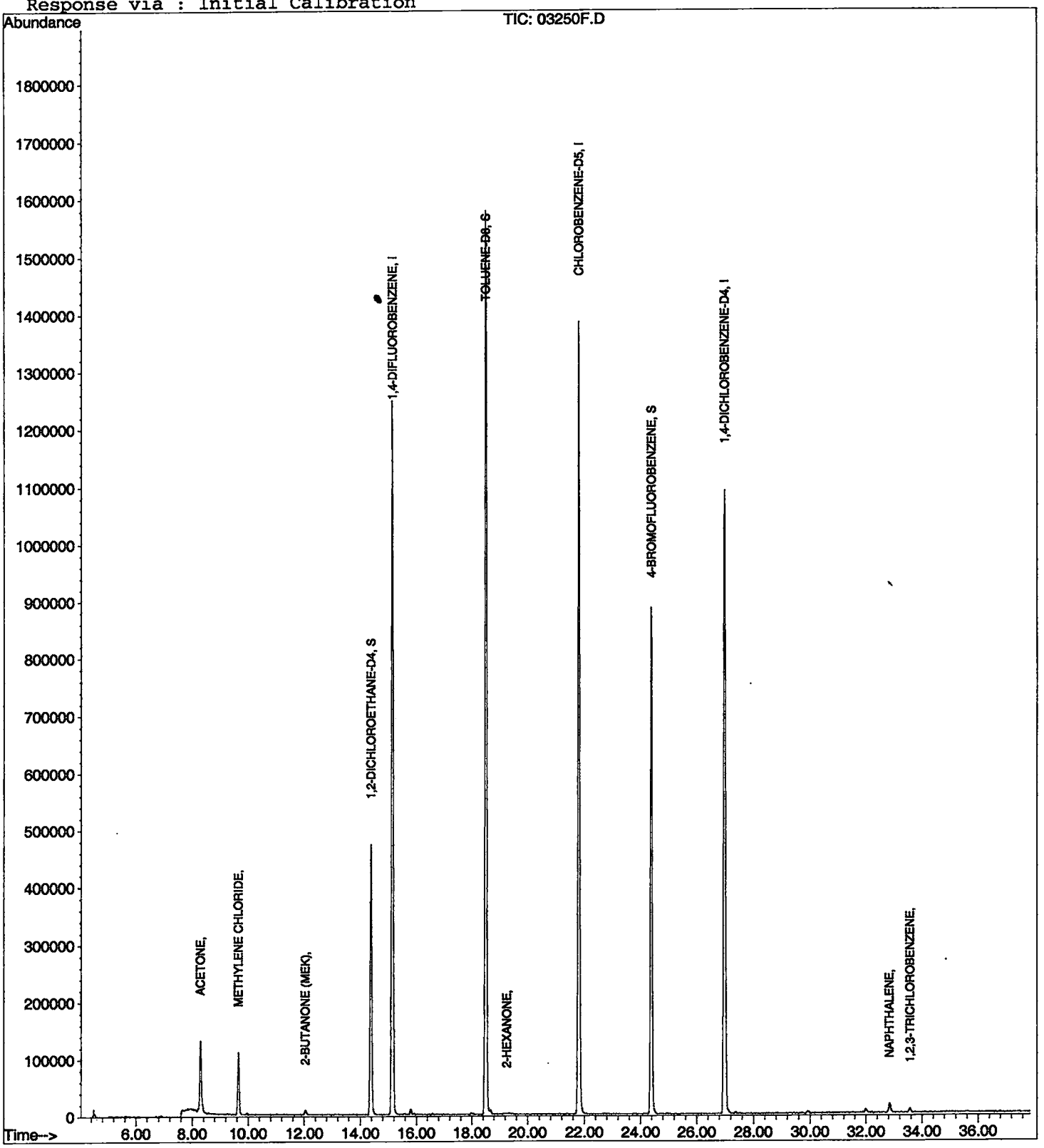
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03250F.D
Acq On : 16 Feb 2002 11:11 am
Sample : nyc fb
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:18 2002

Vial: 33
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03250F.D Vial: 33
Acq On : 16 Feb 2002 11:11 am Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

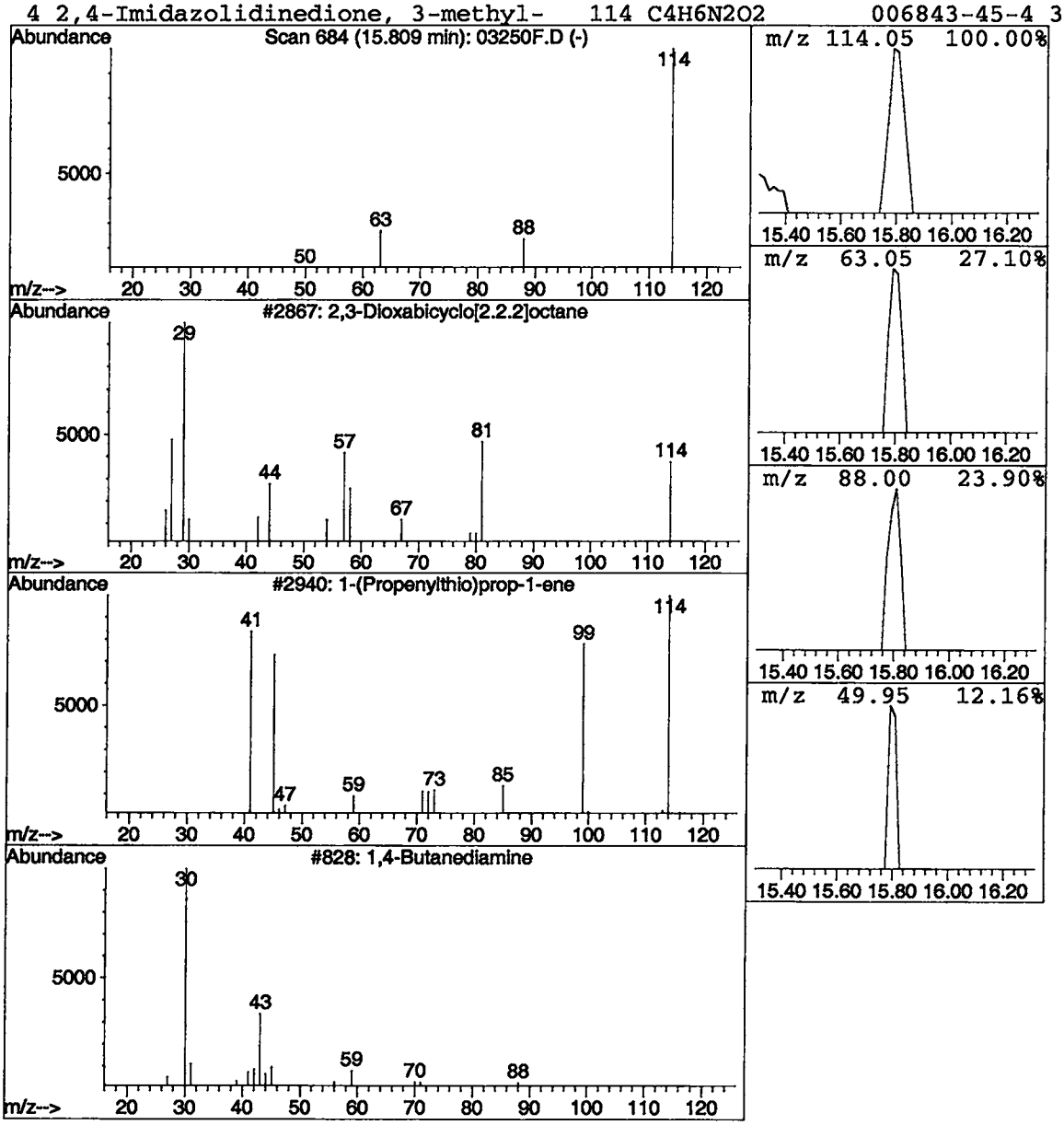
Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	0.04 ug/L	35575	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 15:01:08

Sample: AE03381
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:20 Ended: 02/15/02 11:20 Analyst: BH
Result source: a:\03381f.rr
Page: 1

	Component Name	Vlol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		4.6	.5
2	Surr_4-BROMOFLUOROBENZEN		4.4	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		1.2	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (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	Dibromochloromethane		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 15:01:08

Sample: AE03381
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/15/02 11:20 Ended: 02/15/02 11:20 Analyst: BH
Result source: a:\03381f.rr
Page: 2

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

Comments for Sample AE03381 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-25-2002 Time: 17:11:09

The recovery of 2,2-dichloropropane in the CCV is 59%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB15\03381F.D Vial: 34
Acq On : 16 Feb 2002 12:03 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:20 2002 Quant Results File: HP021302.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration
DataAcq Meth : HP021302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1792550	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.80	117	1715047	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.98	152	731312	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	630296	4.62	ug/L	0.03
Spiked Amount 5.000			Recovery	=	92.40%	
3) 4-BROMOFLUOROBENZENE	24.39	174	596758	4.43	ug/L	0.03
Spiked Amount 5.000			Recovery	=	88.60%	
25) TOLUENE-D8	18.49	98	2207369	5.19	ug/L	0.02
Spiked Amount 5.000			Recovery	=	103.80%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	150171	12.19	ug/L	98
14) METHYLENE CHLORIDE	9.65	49	128289	~~1.24 ug/L~~		96
18) 2-BUTANONE (MEK)	12.05	43	28079	~~0.98 ug/L~~		98
46) 2-HEXANONE	19.15	43	6167	0.24	ug/L	30

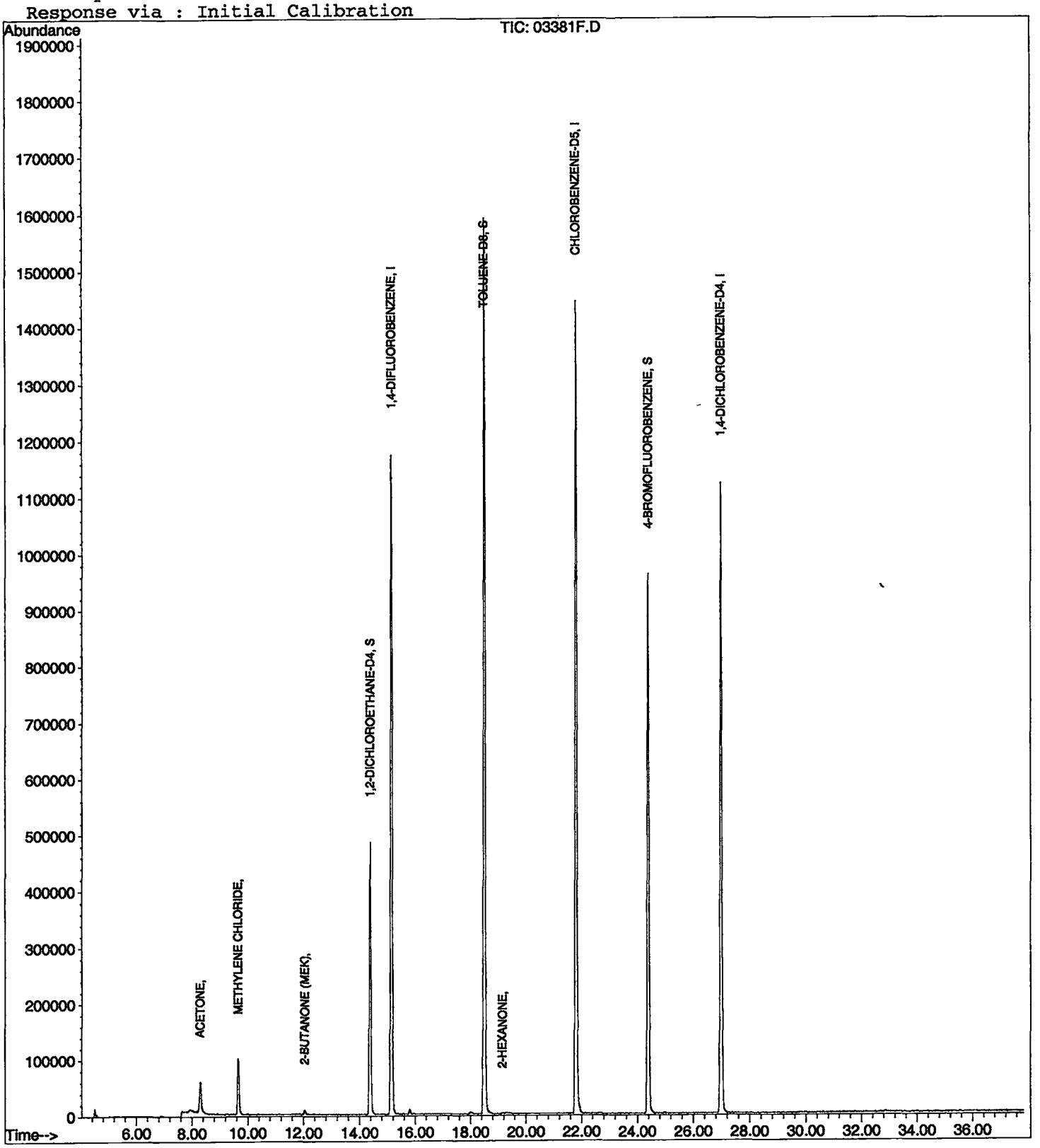
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB15\03381F.D
Acq On : 16 Feb 2002 12:03 pm
Sample : nyc fb
Misc : February 15, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 17 11:20 2002

Vial: 34
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021302.RES

Method : C:\HPCHEM\1\METHODS\HP021302.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\02FEB15\03381F.D Vial: 34
Acq On : 16 Feb 2002 12:03 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 15, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	0.03 ug/L	30615	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4	3-Butenoic acid, ethyl ester	114	C6H10O2	001617-18-1	3