User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:55:31

Sample: AE07109
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 3/26/02 00:09 Ended: 3/26/02 00:09 Analyst: BH
Result source: a:\0326b2.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		6.2
2	Surr - 4-BROMOFLUOROBENZ		5.0
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.1
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 ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

Reviewed by,
JB 6/14/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:55:31

Sample: AE07109
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 3/26/02 00:09 Ended: 3/26/02 00:09 Analyst: BH
Result source: a:\0326b2.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\0326B2.D Vial: 2
Acq On : 26 Mar 2002 9:44 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 5 10:36 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	892665	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.69	117	838626	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.87	152	428919	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	455531	6.19	ug/L	-0.02
Spiked Amount 5.000			Recovery = 123.80%			
3) 4-BROMOFLUOROBENZENE	24.28	174	359743	4.99	ug/L	-0.02
Spiked Amount 5.000			Recovery = 99.80%			
25) TOLUENE-D8	18.39	98	1039242	5.12	ug/L	-0.02
Spiked Amount 5.000			Recovery = 102.40%			
Target Compounds						Qvalue
12) ACETONE	8.17	43	3815	0.63	ug/L	53

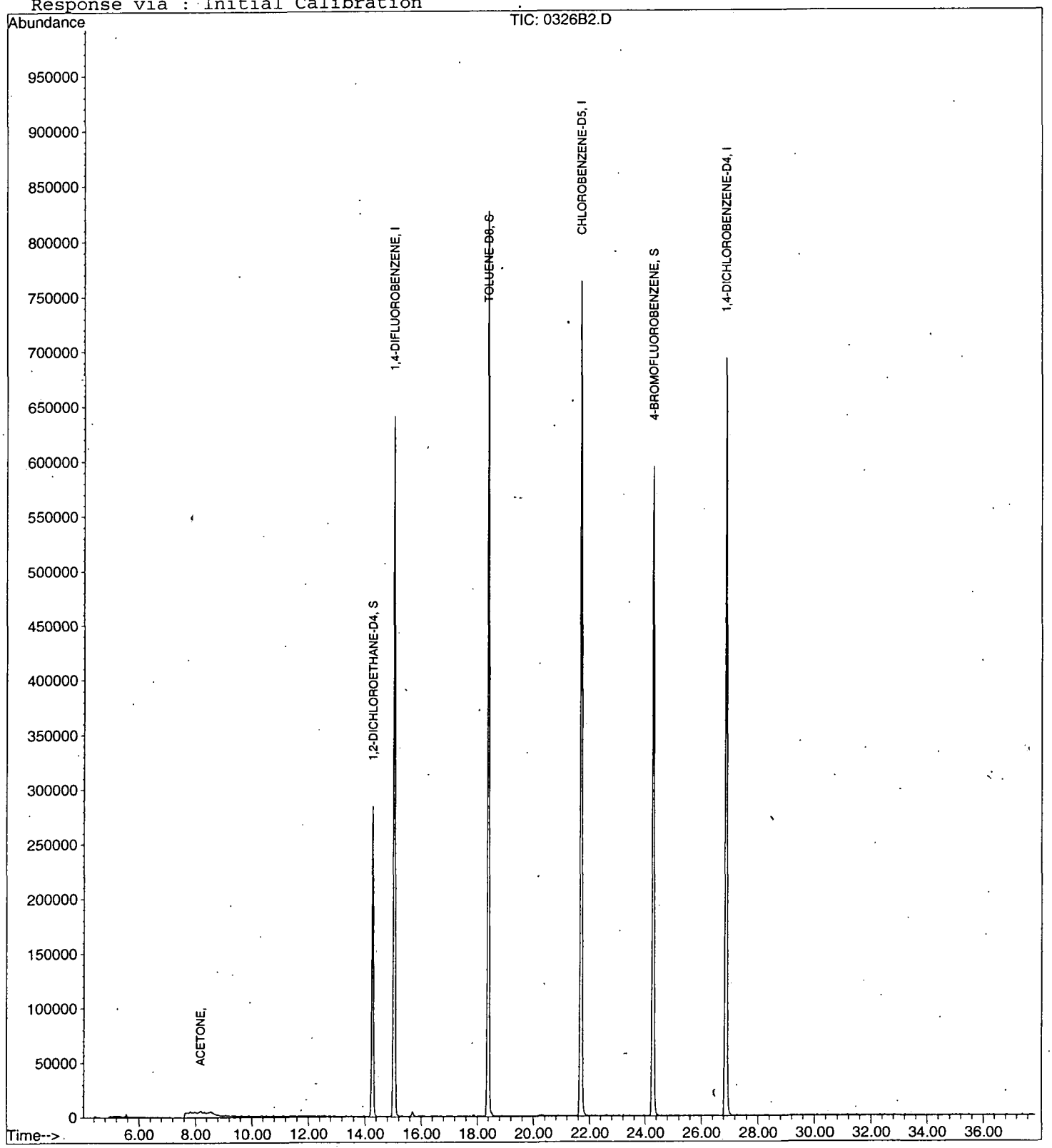
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\0326B2.D
Acq On : 26 Mar 2002 9:44 am
Sample : lab blank
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 5 10:36 2002

Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:55:52

Sample: AE07109
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/26/02 00:00 Ended: 3/26/02 00:00 Analyst: BH
Result source: a:\0326c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane	USPEC	18		.5
4	Chloromethane		13		.5
5	Vinyl chloride	USPEC	18		.5
6	Bromomethane	USPEC	14		.5
7	Chloroethane	USPEC	14		.5
8	Trichlorofluoromethane	USPEC	16		.5
9	1,1-Dichloroethene		12		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		10		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		36		2.0
15	2,2-dichloropropane		12		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		12		.5
18	Bromochloromethane		9.7		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		12		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride	USPEC	13		.5
24	Benzene		9.3		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		8.7		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		35		1.0
30	cis-1,3-dichloropropene		9.5		.5
31	Toluene		9.7		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		9.4		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		9.2		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		9.7		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		19		.5
41	O-xylene		9.9		.5
42	Styrene		9.5		.5
43	1,1,2,2-tetrachloroethane		8.6		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		9.3		.5
48	Bromobenzene		10		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:55:52

Sample: AE07109
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/26/02 00:00 Ended: 3/26/02 00:00 Analyst: BH
Result source: a:\0326c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		9.1		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		9.9		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		9.3		.5
55	P-isopropyltoluene		9.9		.5
56	1,3-dichlorobenzene		9.6		.5
57	1,4-dichlorobenzene		9.5		.5
58	N-butylbenzene		9.7		.5
59	1,2-dichlorobenzene		9.7		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene	USPEC	13		.5
62	Naphthalene		8.2		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326C10.D Vial: 2
Acq On : 26 Mar 2002 10:52 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 11:30 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	871126	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.69	117	830103	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.88	152	445879	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	425350	5.93	ug/L	-0.02
Spiked Amount 5.000			Recovery = 118.60%			
3) 4-BROMOFLUOROBENZENE	24.28	174	360135	5.12	ug/L	-0.02
Spiked Amount 5.000			Recovery = 102.40%			
25) TOLUENE-D8	18.39	98	1023775	5.09	ug/L	-0.02
Spiked Amount 5.000			Recovery = 101.80%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.81	85	458134	17.70	ug/L	98
5) CHLOROMETHANE	5.44	50	405021	12.97	ug/L	96
6) VINYL CHLORIDE	5.55	62	388808	17.66	ug/L	99
7) BROMOMETHANE	6.53	94	297443	14.38	ug/L	98
8) CHLOROETHANE	6.66	64	294166	13.77	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.21	101	690399	15.90	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.09	101	9159	0.48	ug/L	82
12) ACETONE	8.19	43	242022	48.77	ug/L	100
13) 1,1-DICHLOROETHENE	8.53	61	630262	12.11	ug/L	96
14) METHYLENE CHLORIDE	9.54	49	473022	10.23	ug/L	99
15) METHYL TERT BUTYL ETHER	9.84	73	481511	10.30	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.20	61	574383	10.99	ug/L	98
17) 1,1-DICHLOROETHANE	11.10	63	617626	10.31	ug/L	98
18) 2-BUTANONE (MEK)	11.92	43	229795	35.87	ug/L	99
19) 2,2-DICHLOROPROPANE	12.31	77	583431	12.39	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.41	96	380673	10.81	ug/L	98
21) CHLOROFORM	12.74	83	752395	11.61	ug/L	100
22) BROMOCHLOROMETHANE	13.13	49	260370	9.68	ug/L	88
23) 1,2-DICHLOROETHANE	14.47	62	480432	10.73	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.64	97	580557	12.38	ug/L	99
27) 1,1-DICHLOROPROPENE	13.96	75	463851	10.76	ug/L	100
28) CARBON TETRACHLORIDE	14.22	117	538751	13.35	ug/L	99
29) BENZENE	14.56	78	1003857	9.35	ug/L	97
30) TRICHLOROETHENE	15.83	95	355256	10.59	ug/L	99
31) 1,2-DICHLOROPROPANE	16.19	63	244294	8.71	ug/L	95
32) DIBROMOMETHANE	16.87	174	169168	10.64	ug/L	91
33) BROMODICHLOROMETHANE	16.72	83	461036	10.86	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.20	63	92831	8.30	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.26	58	167046	34.90	ug/L	83
36) CIS-1,3-DICHLOROPROPENE	17.81	75	387713	9.54	ug/L	98
37) TOLUENE	18.56	91	1117936	9.72	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.85	75	302734	10.09	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.22	97	179188	9.44	ug/L	96
40) TETRACHLOROETHENE	20.01	166	379765	11.15	ug/L	98
41) 1,3-DICHLOROPROPANE	19.75	76	322360	9.21	ug/L	98
42) DIBROMOCHLOROMETHANE	20.45	129	267220	10.90	ug/L	98
43) 1,2-DIBROMOETHANE	20.89	107	183575	9.48	ug/L	98
44) CHLOROBENZENE	21.78	112	750909	9.69	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	300056	10.97	ug/L	94
46) 2-HEXANONE	19.12	43	327883	37.00	ug/L	96
47) ETHYLBENZENE	21.81	91	1346106	10.06	ug/L	97

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326C10.D Vial: 2
Acq On : 26 Mar 2002 10:52 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 11:30 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

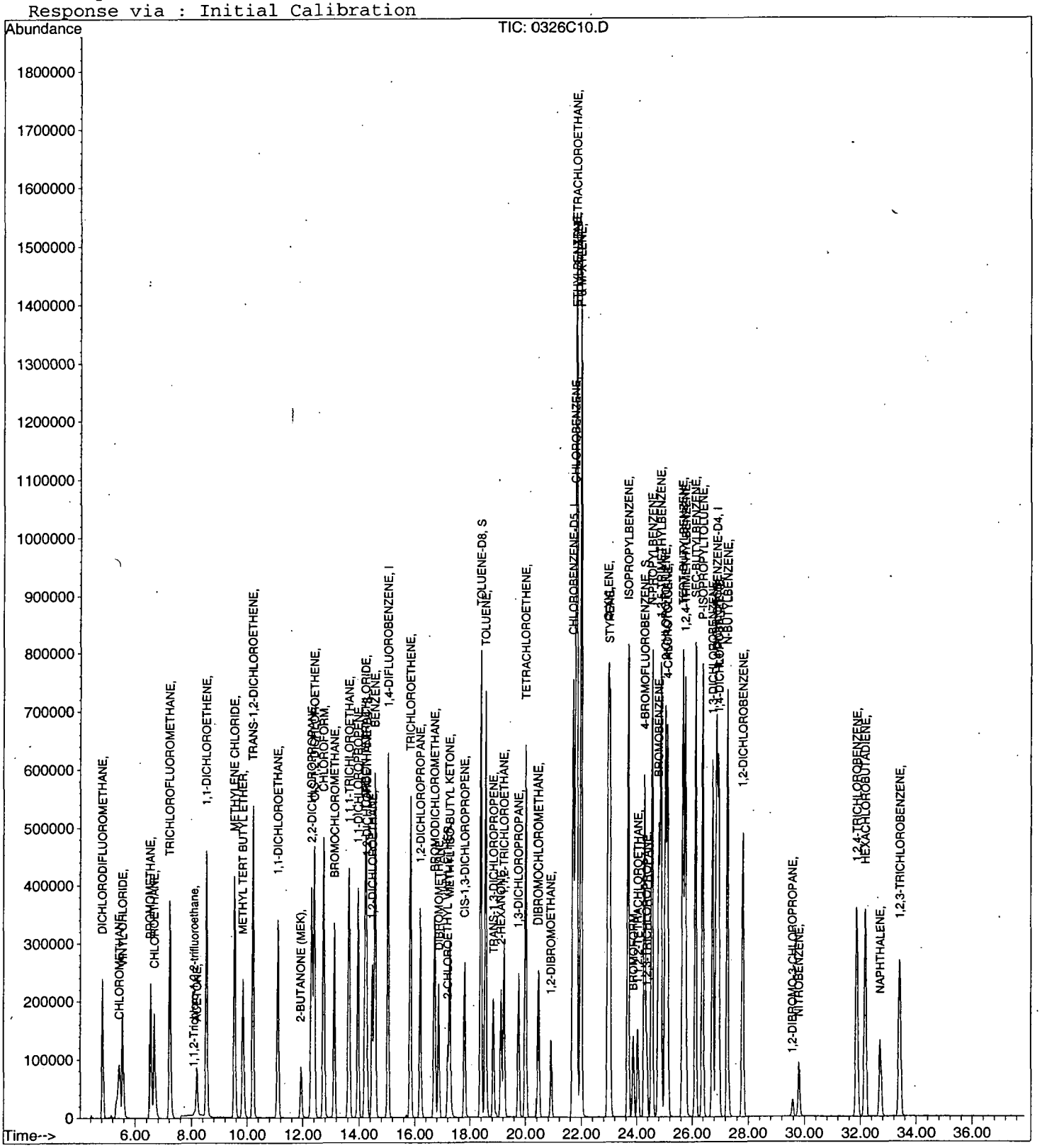
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	21.98	106	878191	19.25	ug/L	90
49)	O-XYLENE	22.95	91	1038679	9.88	ug/L	96
50)	STYRENE	23.00	104	659056	9.45	ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.04	83	165447	8.61	ug/L	96
53)	BROMOFORM	23.87	173	135366	11.36	ug/L	99
54)	ISOPROPYLBENZENE	23.68	105	1185232	9.96	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.36	110	65505	10.27	ug/L	99
56)	N-PROPYLBENZENE	24.55	91	1431941	9.25	ug/L	98
57)	BROMOBENZENE	24.79	156	318655	10.18	ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.86	105	1072556	10.16	ug/L	95
59)	2-CHLOROTOLUENE	25.03	91	967162	9.09	ug/L	98
60)	4-CHLOROTOLUENE	25.10	91	932001	10.17	ug/L	97
61)	TERT-BUTYLBENZENE	25.66	119	951938	9.88	ug/L	94
62)	1,2,4-TRIMETHYLBENZENE	25.74	105	1112633	10.07	ug/L	97
63)	SEC-BUTYLBENZENE	26.12	105	1236632	9.34	ug/L	97
64)	P-ISOPROPYLTOLUENE	26.37	119	1026100	9.93	ug/L	95
65)	1,3-DICHLOROBENZENE	26.73	146	574604	9.62	ug/L	98
66)	1,4-DICHLOROBENZENE	26.95	146	586305	9.49	ug/L	99
67)	N-BUTYLBENZENE	27.26	91	1017382	9.69	ug/L	98
68)	1,2-DICHLOROBENZENE	27.80	146	495124	9.69	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.57	157	27134	8.60	ug/L	96
70)	1,2,4-TRICHLOROBENZENE	31.87	180	344427	10.67	ug/L	98
71)	HEXACHLOROBUTADIENE	32.18	225	222928	13.36	ug/L	94
72)	NAPHTHALENE	32.71	128	323154	8.16	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.42	180	279462	11.07	ug/L	96
74)	NITROBENZENE	29.80	77	128692	160.85	ug/L	91

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar26\0326C10.D Vial: 2
Acq On : 26 Mar 2002 10:52 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 11:30 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326B3.D Vial: 3
Acq On : 26 Mar 2002 11:35 am Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 12:14 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

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

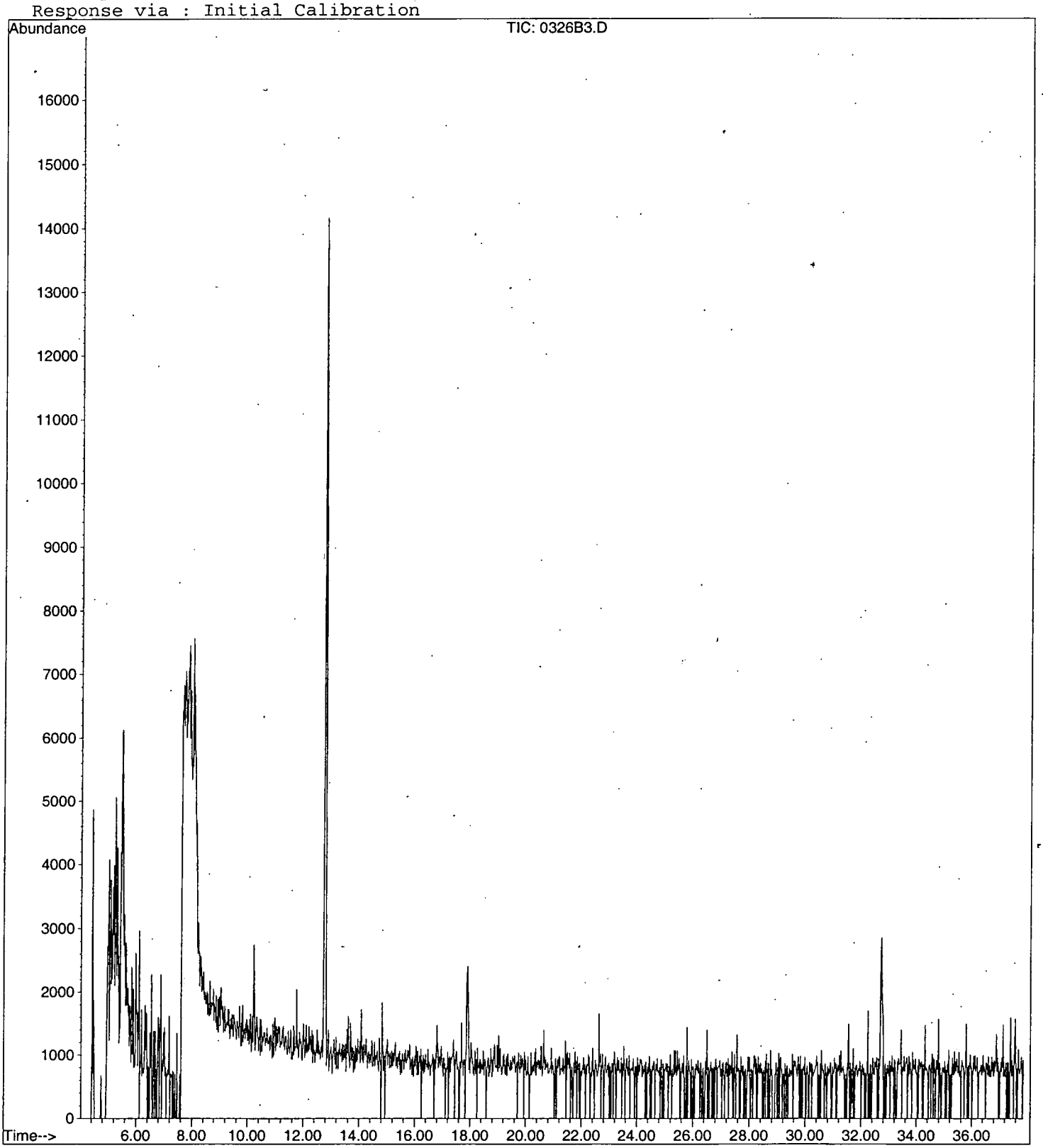
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar26\0326B3.D Vial: 3
Acq On : 26 Mar 2002 11:35 am Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 12:14 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:56:59

Sample: AE07109
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/26/02 00:03 Ended: 3/26/02 00:03 Analyst: BH
Result source: a:\0326r5a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		6.1		
2	4-BROMOFLUOROBENZENE		5.2		
3	DICHLORODIFLUOROMETHAN		5.5		.5
4	CHLOROMETHANE		5.4		.5
5	VINYL CHLORIDE		4.9		.5
6	BROMOMETHANE		4.0		.5
7	CHLOROETHANE		4.1		.5
8	TRICHLOROFLUOROMETHANE		4.3		.5
9	ACETONE		8.0		.5
10	1,1-DICHLOROETHENE		4.5		.5
11	METHYLENE CHLORIDE		4.7		.5
12	METHYL TERT BUTYL ETHER		5.1		1
13	TRANS-1,2-DICHLOROETHEN		4.3		.5
14	1,1-DICHLOROETHANE		4.6		.5
15	2-BUTANONE (MEK)		5.1		.5
16	2,2-DICHLOROPROPANE		4.6		.5
17	CIS-1,2-DICHLOROETHENE		4.4		.5
18	CHLOROFORM		4.8		.5
19	BROMOCHLOROMETHANE		4.0		.5
20	1,2-DICHLOROETHANE		5.3		.5
21	TOLUENE-D8		5.1		
22	1,1,1-TRICHLOROETHANE		5.2		.5
23	1,1-DICHLOROPROPENE		4.2		.5
24	CARBON TETRACHLORIDE		5.2		.5
25	BENZENE		4.4		.5
26	TRICHLOROETHENE		4.6		.5
27	1,2-DICHLOROPROPANE		4.3		.5
28	DIBROMOMETHANE		5.3		.5
29	BROMODICHLOROMETHANE		5.2		.5
30	2-CHLOROETHYL VINYL ETHE		3.3		.5
31	METHYL ISO-BUTYL KETONE		3.8		1
32	CIS-1,3-DICHLOROPROPENE		4.3		.5
33	TOLUENE		4.5		.5
34	TRANS-1,3-DICHLOROPROPE		5.0		.5
35	1,1,2-TRICHLOROETHANE		4.8		.5
36	TETRACHLOROETHENE		4.7		.5
37	1,3-DICHLOROPROPANE		4.5		.5
38	DIBROMOCHLOROMETHANE		5.2		2
39	1,2-DIBROMOETHANE		4.6		.5
40	CHLOROBENZENE		4.7		.5
41	1,1,1,2-TETRACHLOROETHA		5.3		.5
42	2-HEXANONE		5.5		.5
43	ETHYLBENZENE		4.7		.5
44	P & M-XYLENE		9.1		.5
45	O-XYLENE		4.8		.5
46	STYRENE		4.7		.5
47	1,1,2,2-TETRACHLOROETHA		4.4		.5
48	BROMOFORM		4.9		2

- not reported in any samples or blanks

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:56:59

Sample: AE07109
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/26/02 00:03 Ended: 3/26/02 00:03 Analyst: BH
Result source: a:\0326r5a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.3		.5
50	1,2,3-TRICHLOROPROPANE		4.6		.5
51	N-PROPYLBENZENE		3.9		.5
52	BROMOBENZENE		4.8		.5
53	1,3,5-TRIMETHYLBENZENE		4.6		.5
54	2-CHLOROTOLUENE		4.2		.5
55	4-CHLOROTOLUENE		4.7		.5
56	TERT-BUTYLBENZENE		4.3		.5
57	1,2,4-TRIMETHYLBENZENE		4.6		.5
58	SEC-BUTYLBENZENE		4.0		.5
59	P-ISOPROPYLTOLUENE		4.6		.5
60	1,3-DICHLOROBENZENE		4.7		.5
61	1,4-DICHLOROBENZENE		4.6		.5
62	N-BUTYLBENZENE		4.3		.5
63	1,2-DICHLOROBENZENE		4.7		.5
64	1,2-DIBROMO-3-CHLOROPRO		4.2		.5
65	1,2,4-TRICHLOROBENZENE		5.0		.5
66	HEXACHLOROBUTADIENE		5.9		.5
67	NAPHTHALENE		4.4		.5
68	1,2,3-TRICHLOROBENZENE		5.5		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		83		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:57:19

Sample: AE07109
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/27/02 10:57 Ended: 3/27/02 10:57 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		.5
3	Dichlorodifluoromethane		110		.5
4	Chloromethane		108		.5
5	Vinyl chloride		98		.5
6	Bromomethane		80		.5
7	Chloroethane		82		.5
8	Trichlorofluoromethane		86		.5
9	1,1-Dichloroethene		90		.5
10	Methylene Chloride		94		.5
11	Methyl tert butyl ether		102		1.0
12	trans-1,2-dichloroethene		86		.5
13	1,1-dichloroethane		92		.5
14	2-butanone (MEK)		102		2.0
15	2,2-dichloropropane		92		.5
16	cis-1,2-dichloroethene		88		.5
17	Chloroform		96		.5
18	Bromochloromethane		80		.5
19	1,2-dichloroethane		106		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1-trichloroethane		104		.5
22	1,1-dichloropropene		84		.5
23	Carbon tetrachloride		104		.5
24	Benzene		88		.5
25	Trichloroethene		92		.5
26	1,2-dichloropropane		86		.5
27	Dibromomethane		106		.5
28	Bromodichloromethane		104		.5
29	Methyl iso-butyl ketone		76		1.0
30	cis-1,3-dichloropropene		86		.5
31	Toluene		90		.5
32	trans-1,3-dichloropropene		100		.5
33	1,1,2-trichloroethane		96		.5
34	Tetrachloroethene		94		.5
35	1,3-dichloropropane		90		.5
36	Dibromochloromethane		104		2.0
37	Chlorobenzene		94		.5
38	1,1,1,2-tetrachloroethane		106		.5
39	Ethylbenzene		94		.5
40	P & M-xylene		91		.5
41	O-xylene		96		.5
42	Styrene		94		.5
43	1,1,2,2-tetrachloroethane		88		.5
44	Bromoform		98		2.0
45	Isopropylbenzene		86		.5
46	1,2,3-trichloropropane		92		.5
47	N-propylbenzene		78		.5
48	Bromobenzene		96		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:57:19

Sample: AE07109
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/27/02 10:57 Ended: 3/27/02 10:57 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		92		.5
50	2-chlorotoluene		84		.5
51	4-chlorotoluene		94		.5
52	TERT-butylbenzene		86		.5
53	1,2,4-trimethylbenzene		92		.5
54	SEC-butylbenzene		80		.5
55	P-isopropyltoluene		92		.5
56	1,3-dichlorobenzene		94		.5
57	1,4-dichlorobenzene		92		.5
58	N-butylbenzene		86		.5
59	1,2-dichlorobenzene		94		.5
60	1,2,4-trichlorobenzene		100		.5
61	Hexachlorobutadiene		118		.5
62	Naphthalene		88		.5
63	1,2,3-trichlorobenzene		110		.5
64	Ethanol				
65	Nitrobenzene		83		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326R5A.D Vial: 4
Acq On : 26 Mar 2002 3:25 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 16:04 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	872871	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.72	117	823827	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	464478	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	436665	6.07	ug/L	0.02
Spiked Amount 5.000			Recovery =	121.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	370013	5.25	ug/L	0.02
Spiked Amount 5.000			Recovery =	105.00%		
25) TOLUENE-D8	18.42	98	1009793	5.06	ug/L	0.02
Spiked Amount 5.000			Recovery =	101.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.84	85	71663	2.76	ug/L	98
5) CHLOROMETHANE	5.46	50	90957	2.99	ug/L	92
6) VINYL CHLORIDE	5.57	62	107260	4.86	ug/L	99
7) BROMOMETHANE	6.55	94	82107	3.96	ug/L	92
8) CHLOROETHANE	6.68	64	86838	4.06	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.23	101	188925	4.34	ug/L	98
12) ACETONE	8.21	43	59134	8.38	ug/L	93
13) 1,1-DICHLOROETHENE	8.56	61	235139	4.51	ug/L	98
14) METHYLENE CHLORIDE	9.57	49	217294	4.69	ug/L	96
15) METHYL TERT BUTYL ETHER	9.88	73	238680	5.10	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.23	61	227477	4.34	ug/L	99
17) 1,1-DICHLOROETHANE	11.13	63	277859	4.63	ug/L	96
18) 2-BUTANONE (MEK)	11.97	43	32685	5.09	ug/L	99
19) 2,2-DICHLOROPROPANE	12.34	77	210940	4.63	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.45	96	153518	4.35	ug/L	96
21) CHLOROFORM	12.77	83	311031	4.79	ug/L	99
22) BROMOCHLOROMETHANE	13.14	49	109123	4.05	ug/L	99
23) 1,2-DICHLOROETHANE	14.51	62	237272	5.29	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.67	97	239692	5.15	ug/L	99
27) 1,1-DICHLOROPROPENE	14.00	75	177731	4.15	ug/L	97
28) CARBON TETRACHLORIDE	14.25	117	209881	5.24	ug/L	97
29) BENZENE	14.59	78	470054	4.41	ug/L	98
30) TRICHLOROETHENE	15.87	95	154097	4.63	ug/L	98
31) 1,2-DICHLOROPROPANE	16.23	63	119010	4.28	ug/L	97
32) DIBROMOMETHANE	16.91	174	82978	5.26	ug/L	88
33) BROMODICHLOROMETHANE	16.74	83	220488	5.23	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	36727	3.31	ug/L	89
35) METHYL ISO-BUTYL KETONE	17.31	58	17819	3.75	ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.84	75	174970	4.34	ug/L	99
37) TOLUENE	18.59	91	516024	4.52	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	148677	4.99	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.26	97	90711	4.81	ug/L	96
40) TETRACHLOROETHENE	20.04	166	158459	4.69	ug/L	99
41) 1,3-DICHLOROPROPANE	19.78	76	156300	4.50	ug/L	96
42) DIBROMOCHLOROMETHANE	20.48	129	126162	5.18	ug/L	97
43) 1,2-DIBROMOETHANE	20.94	107	89345	4.65	ug/L	99
44) CHLOROBENZENE	21.81	112	361123	4.70	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	143444	5.28	ug/L	97
46) 2-HEXANONE	19.15	43	47975	5.45	ug/L	93
47) ETHYLBENZENE	21.86	91	618069	4.66	ug/L	99
48) P & M-XYLENE	22.01	106	409755	9.05	ug/L	87

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326R5A.D Vial: 4
Acq On : 26 Mar 2002 3:25 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 16:04 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

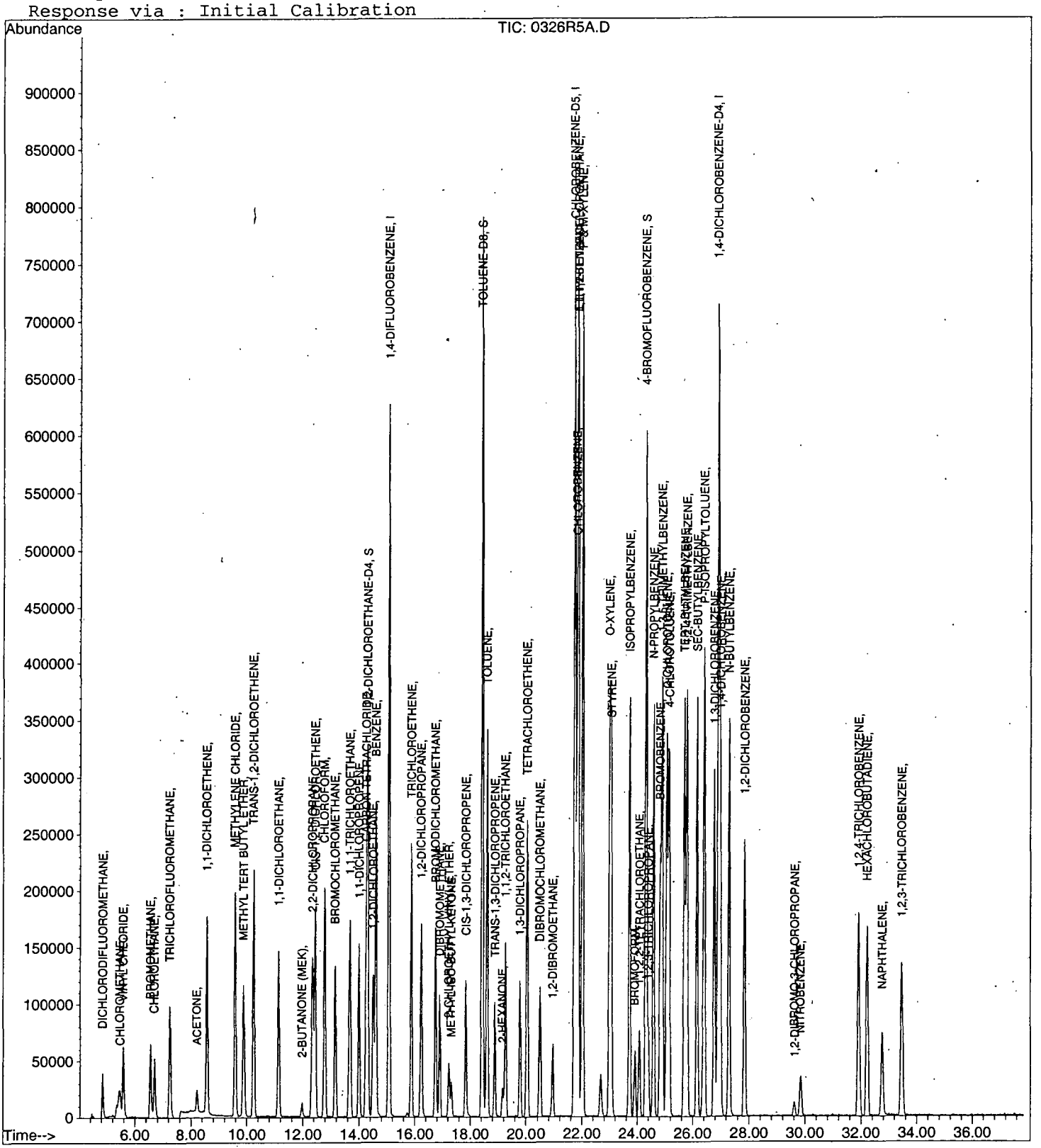
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	22.98	91	504442	4.84	ug/L	96
50)	STYRENE	23.05	104	324605	4.69	ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.07	83	84320	4.42	ug/L	93
53)	BROMOFORM	23.90	173	60389	4.86	ug/L	93
54)	ISOPROPYLBENZENE	23.72	105	528689	4.26	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.40	110	31233	4.64	ug/L	97
56)	N-PROPYLBENZENE	24.58	91	636012	3.95	ug/L	97
57)	BROMOBENZENE	24.82	156	155447	4.77	ug/L	94
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	501402	4.56	ug/L	100
59)	2-CHLOROTOLUENE	25.06	91	470457	4.24	ug/L	96
60)	4-CHLOROTOLUENE	25.15	91	447876	4.69	ug/L	99
61)	TERT-BUTYLBENZENE	25.69	119	432820	4.31	ug/L	95
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	526319	4.57	ug/L	94
63)	SEC-BUTYLBENZENE	26.15	105	557206	4.04	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.41	119	491225	4.56	ug/L	95
65)	1,3-DICHLOROBENZENE	26.76	146	289920	4.66	ug/L	99
66)	1,4-DICHLOROBENZENE	26.99	146	299130	4.65	ug/L	99
67)	N-BUTYLBENZENE	27.29	91	465888	4.26	ug/L	95
68)	1,2-DICHLOROBENZENE	27.84	146	250540	4.71	ug/L	94
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.62	157	13562	4.19	ug/L	99
70)	1,2,4-TRICHLOROBENZENE	31.91	180	168394	5.01	ug/L	94
71)	HEXACHLOROBUTADIENE	32.21	225	103026	5.93	ug/L	96
72)	NAPHTHALENE	32.76	128	180893	4.38	ug/L	97
73)	1,2,3-TRICHLOROBENZENE	33.45	180	144074	5.48	ug/L	96
74)	NITROBENZENE	29.83	77	56926	83.41	ug/L	89

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar26\0326R5A.D Vial: 4
Acq On : 26 Mar 2002 3:25 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 16:04 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326R5.D Vial: 3
Acq On : 26 Mar 2002 2:27 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 15:06 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	651901	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.71	117	612622	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.90	152	342394	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	332424	6.19	ug/L	0.00
Spiked Amount 5.000			Recovery =	123.80%		
3) 4-BROMOFLUOROBENZENE	24.30	174	274637	5.21	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.20%		
25) TOLUENE-D8	18.41	98	760710	5.13	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	106475	5.50	ug/L	99
5) CHLOROMETHANE	5.45	50	124819	5.41	ug/L	99
6) VINYL CHLORIDE	5.57	62	124854	7.58	ug/L	95
7) BROMOMETHANE	6.54	94	85528	5.53	ug/L	98
8) CHLOROETHANE	6.68	64	91898	5.75	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.23	101	210137	6.47	ug/L	96
12) ACETONE	8.19	43	42861	7.99	ug/L	95
13) 1,1-DICHLOROETHENE	8.55	61	255811	6.57	ug/L	99
14) METHYLENE CHLORIDE	9.55	49	215143	6.22	ug/L	98
15) METHYL TERT BUTYL ETHER	9.86	73	221018	6.32	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.22	61	234682	6.00	ug/L	99
17) 1,1-DICHLOROETHANE	11.10	63	278752	6.22	ug/L	99
18) 2-BUTANONE (MEK)	11.95	43	26674	5.56	ug/L	93
19) 2,2-DICHLOROPROPANE	12.33	77	251107	7.25	ug/L	94
20) CIS-1,2-DICHLOROETHENE	12.43	96	165903	6.30	ug/L	93
21) CHLOROFORM	12.75	83	339778	7.01	ug/L	99
22) BROMOCHLOROMETHANE	13.14	49	122195	6.07	ug/L	92
23) 1,2-DICHLOROETHANE	14.49	62	229670	6.85	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.66	97	281174	8.13	ug/L	98
27) 1,1-DICHLOROPROPENE	13.98	75	192397	6.05	ug/L	99
28) CARBON TETRACHLORIDE	14.23	117	233921	7.85	ug/L	98
29) BENZENE	14.57	78	459926	5.80	ug/L	99
30) TRICHLOROETHENE	15.85	95	159981	6.46	ug/L	98
31) 1,2-DICHLOROPROPANE	16.21	63	117643	5.69	ug/L	97
32) DIBROMOMETHANE	16.89	174	76659	6.54	ug/L	87
33) BROMODICHLOROMETHANE	16.72	83	209846	6.70	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.21	63	34191	4.14	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.30	58	17085	4.84	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.83	75	167742	5.59	ug/L	99
37) TOLUENE	18.58	91	508623	5.99	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.87	75	138943	6.28	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.24	97	83860	5.98	ug/L	93
40) TETRACHLOROETHENE	20.02	166	171906	6.84	ug/L	98
41) 1,3-DICHLOROPROPANE	19.78	76	148188	5.74	ug/L	98
42) DIBROMOCHLOROMETHANE	20.47	129	122030	6.74	ug/L	98
43) 1,2-DIBROMOETHANE	20.93	107	86350	6.04	ug/L	97
44) CHLOROBENZENE	21.79	112	348763	6.10	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.84	131	140679	6.97	ug/L	93
46) 2-HEXANONE	19.14	43	35513	5.43	ug/L	96
47) ETHYLBENZENE	21.84	91	630916	6.39	ug/L	99
48) P & M-XYLENE	22.00	106	408775	12.14	ug/L	87

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326R5.D Vial: 3
Acq On : 26 Mar 2002 2:27 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 15:06 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	22.97	91	474365	6.11 ug/L	96
50)	STYRENE	23.04	104	309381	6.01 ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	77340	5.45 ug/L	100
53)	BROMOFORM	23.89	173	57101	6.24 ug/L	99
54)	ISOPROPYLBENZENE	23.70	105	534582	5.85 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.38	110	30307	6.15 ug/L	98
56)	N-PROPYLBENZENE	24.57	91	652709	5.49 ug/L	100
57)	BROMOBENZENE	24.81	156	150588	6.26 ug/L	93
58)	1,3,5-TRIMETHYLBENZENE	24.87	105	502942	6.20 ug/L	97
59)	2-CHLOROTOLUENE	25.05	91	443430	5.43 ug/L	96
60)	4-CHLOROTOLUENE	25.13	91	449381	6.39 ug/L	98
61)	TERT-BUTYLBENZENE	25.68	119	440782	5.96 ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.76	105	514555	6.06 ug/L	99
63)	SEC-BUTYLBENZENE	26.13	105	580932	5.72 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.39	119	494790	6.24 ug/L	95
65)	1,3-DICHLOROBENZENE	26.75	146	275857	6.01 ug/L	99
66)	1,4-DICHLOROBENZENE	26.97	146	279809	5.90 ug/L	97
67)	N-BUTYLBENZENE	27.28	91	486850	6.04 ug/L	99
68)	1,2-DICHLOROBENZENE	27.82	146	236145	6.02 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.59	157	12363	5.15 ug/L	94
70)	1,2,4-TRICHLOROBENZENE	31.89	180	163445	6.59 ug/L	99
71)	HEXACHLOROBUTADIENE	32.21	225	107198	8.37 ug/L	94
72)	NAPHTHALENE	32.74	128	153911	5.06 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.44	180	131432	6.78 ug/L	94
74)	NITROBENZENE	29.81	77	51275	96.09 ug/L	89

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

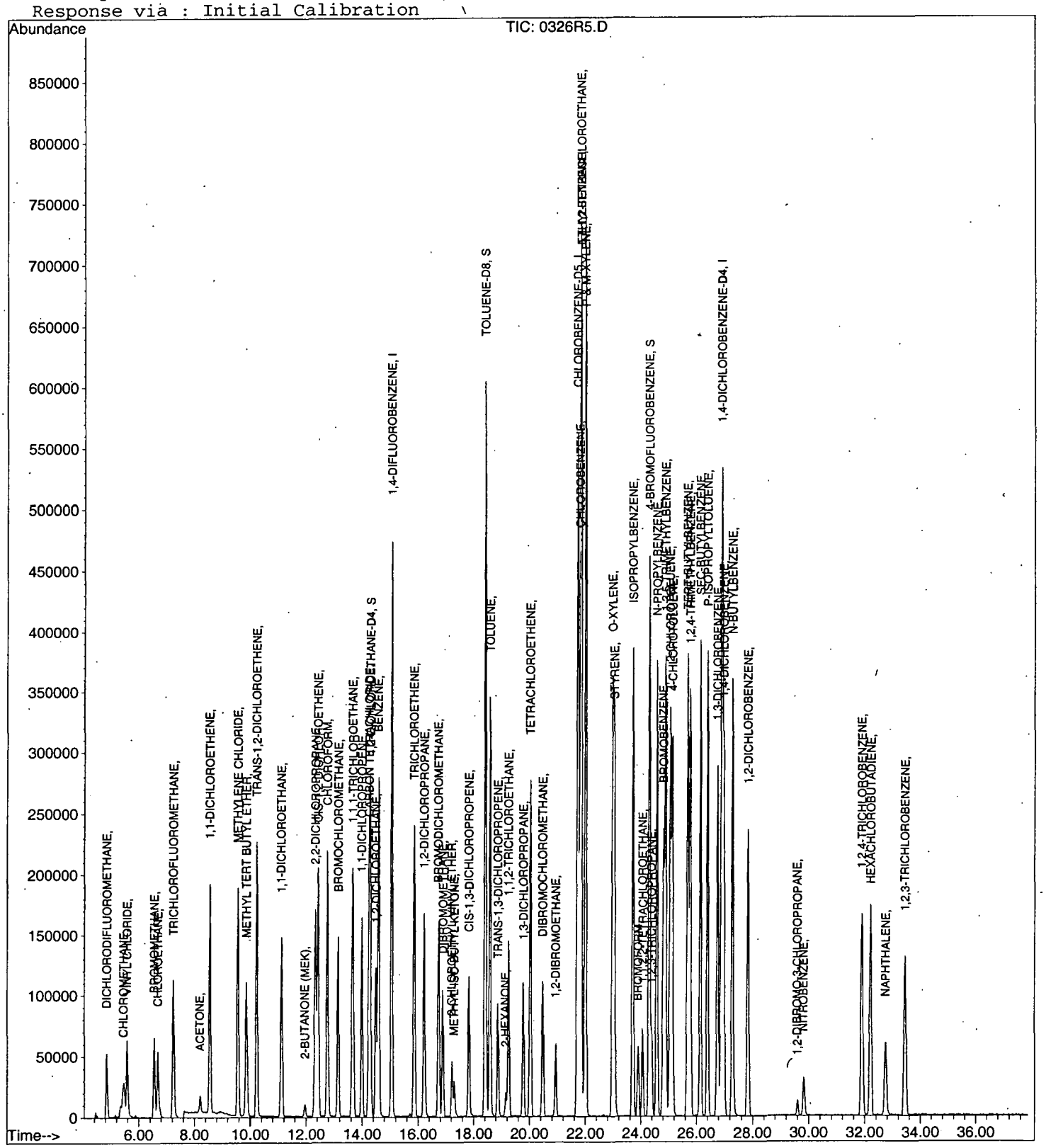
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar26\0326R5.D
Acq On : 26 Mar 2002 2:27 pm
Sample : ref 5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 26 15:06 2002

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

Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326B4.D Vial: 4
Acq On : 26 Mar 2002 4:27 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 17:05 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

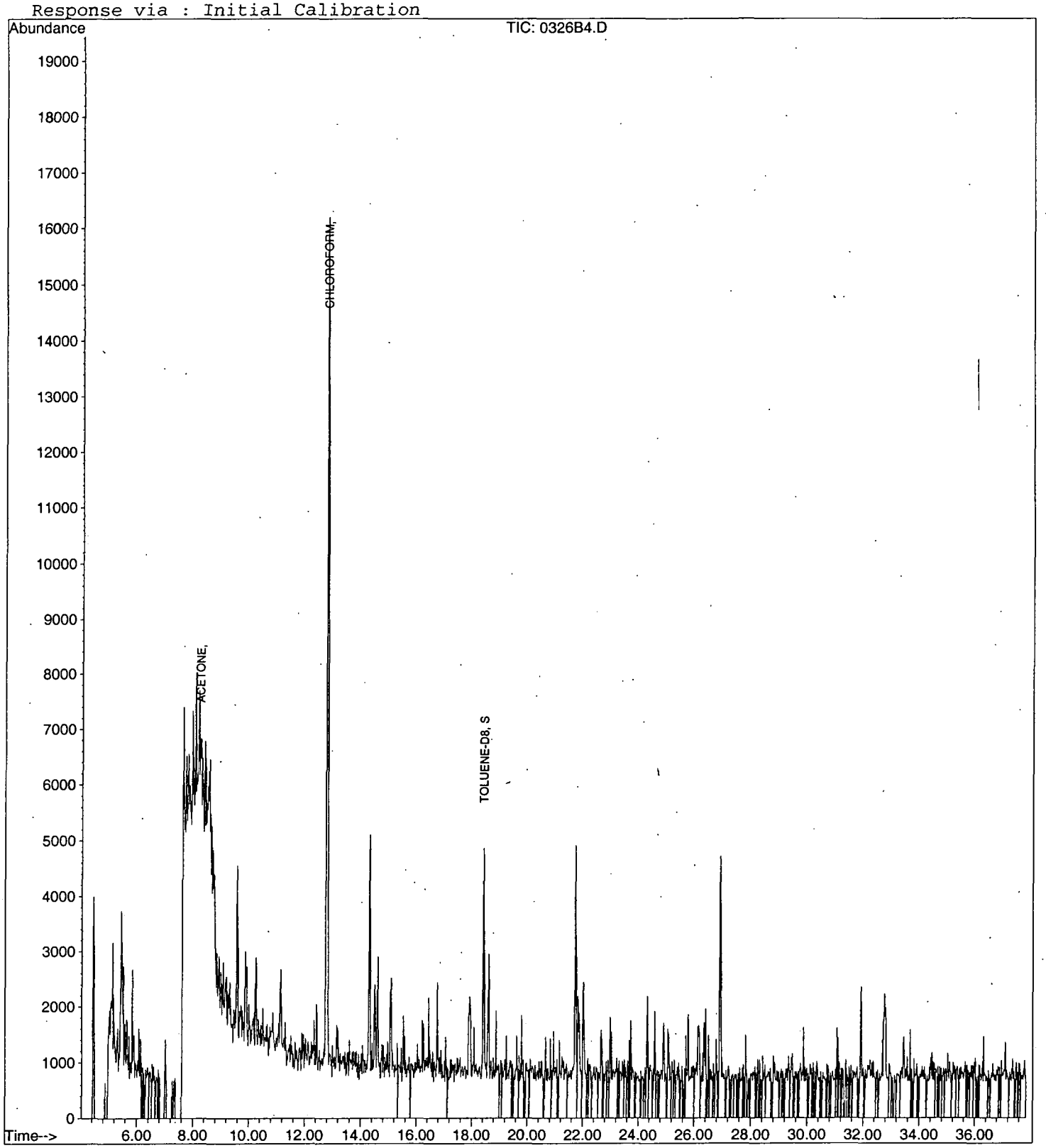
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	4926	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.73	117	5313	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	2824	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	6499	16.01	ug/L	0.03
Spiked Amount 5.000			Recovery = 320.20%			
3) 4-BROMOFLUOROBENZENE	0.00	174	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
25) TOLUENE-D8	18.42	98	5681	4.41	ug/L	0.02
Spiked Amount 5.000			Recovery = 88.20%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	5079	193.60	ug/L	53
21) CHLOROFORM	12.79	83	24245	66.17	ug/L	94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar26\0326B4.D Vial: 4
Acq On : 26 Mar 2002 4:27 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 17:05 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:57:42

Sample: AE07109
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:05 Ended: 3/26/02 00:05 Analyst: BH
Result source: a:\7109.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/5/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:57:42

Sample: AE07109
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:05 Ended: 3/26/02 00:05 Analyst: BH
Result source: a:\7109.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7109.D Vial: 5
Acq On : 26 Mar 2002 5:11 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:30 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	743700	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	679075	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.94	152	341397	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	359217	5.86	ug/L	0.04
Spiked Amount 5.000			Recovery =	117.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	281427	4.68	ug/L	0.04
Spiked Amount 5.000			Recovery =	93.60%		
25) TOLUENE-D8	18.44	98	862102	5.24	ug/L	0.04
Spiked Amount 5.000			Recovery =	104.80%		
Target Compounds						Qvalue
7) BROMOMETHANE	6.56	94	3542	0.20	ug/L	83
9) TRICHLOROFLUOROMETHANE	7.27	101	7089	0.19	ug/L	85
12) ACETONE	8.24	43	11427	2.86	ug/L	53

syringe carryover - not present in dup

(#) = qualifier out of range (m) = manual integration
7109.D HP031802.M Fri Mar 29 10:30:35 2002 Page 1

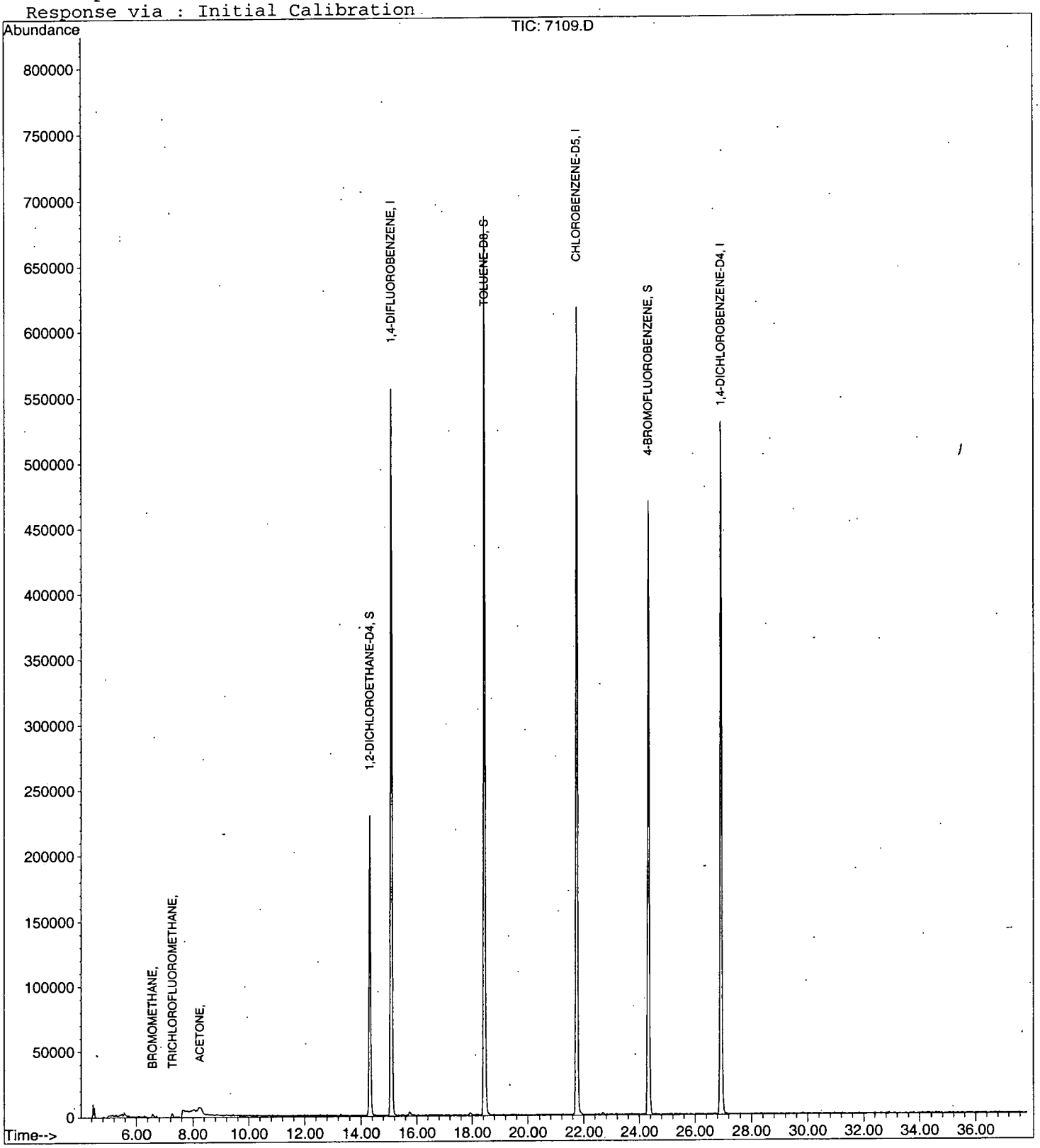
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7109.D
Acq On : 26 Mar 2002 5:11 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:30 2002

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

Quant Results File: HP031802.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7109.D Vial: 5
Acq On : 26 Mar 2002 5:11 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

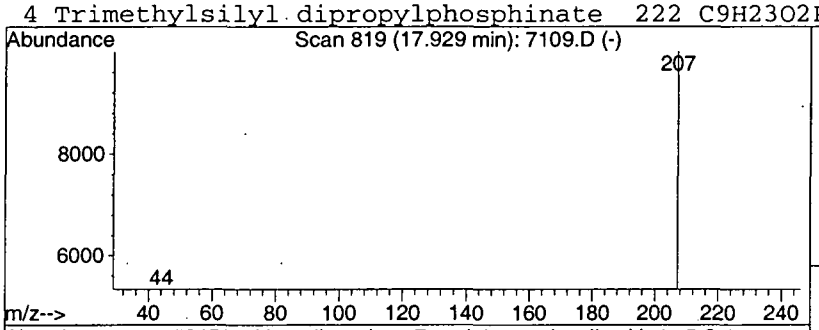
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

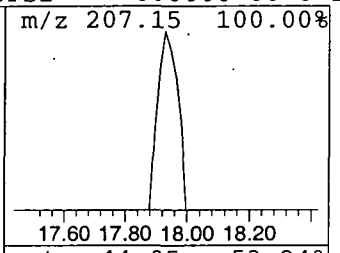
****

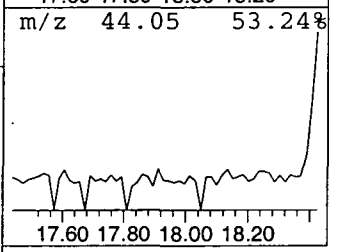
Peak Number 1 Vanadium, (.eta.7-cycloheptatr Concentration Rank 1

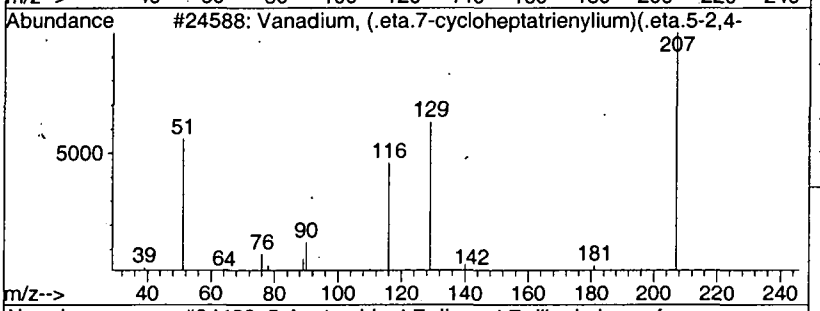
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	0.04 ug/L	16671	1,4-DIFLUOROBENZENE	15.09

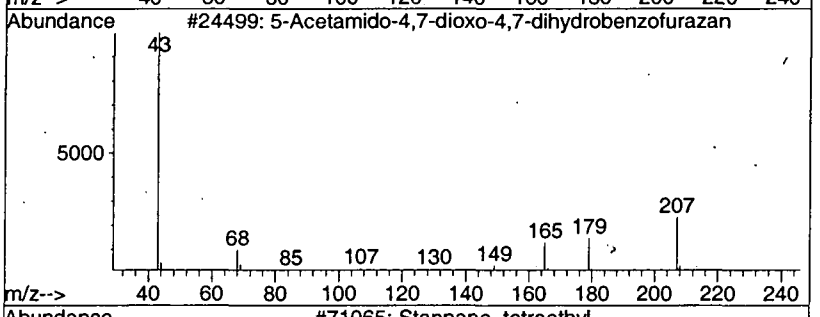
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanadium, (.eta.7-cycloheptatrienyl	207	C12H12V	012636-68-9	2
2	5-Acetamido-4,7-dioxo-4,7-dihydrobe	207	C8H5N3O4	000000-00-0	2
3	Stannane, tetraethyl-	236	C8H20Sn	000597-64-8	1
4	Trimethylsilyl dipropylphosphinate	222	C9H23O2PSi	000000-00-0	1

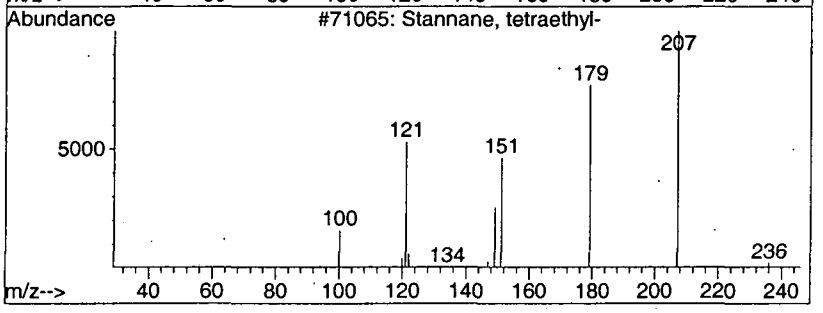












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:58:26

Sample: AE07110
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:05 Ended: 3/26/02 00:05 Analyst: BH
Result source: a:\7110.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/5/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:58:26

Sample: AE07110
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:05 Ended: 3/26/02 00:05 Analyst: BH
Result source: a:\7110.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7110.D Vial: 6
Acq On : 26 Mar 2002 5:54 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:32 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	718519	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	654365	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.94	152	320792	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	354484	5.99	ug/L	0.04
Spiked Amount 5.000			Recovery	=	119.80%	
3) 4-BROMOFLUOROBENZENE	24.33	174	271345	4.67	ug/L	0.04
Spiked Amount 5.000			Recovery	=	93.40%	
25) TOLUENE-D8	18.44	98	824713	5.20	ug/L	0.04
Spiked Amount 5.000			Recovery	=	104.00%	
Target Compounds						Qvalue
12) ACETONE	8.24	43	11692	3.03	ug/L	99

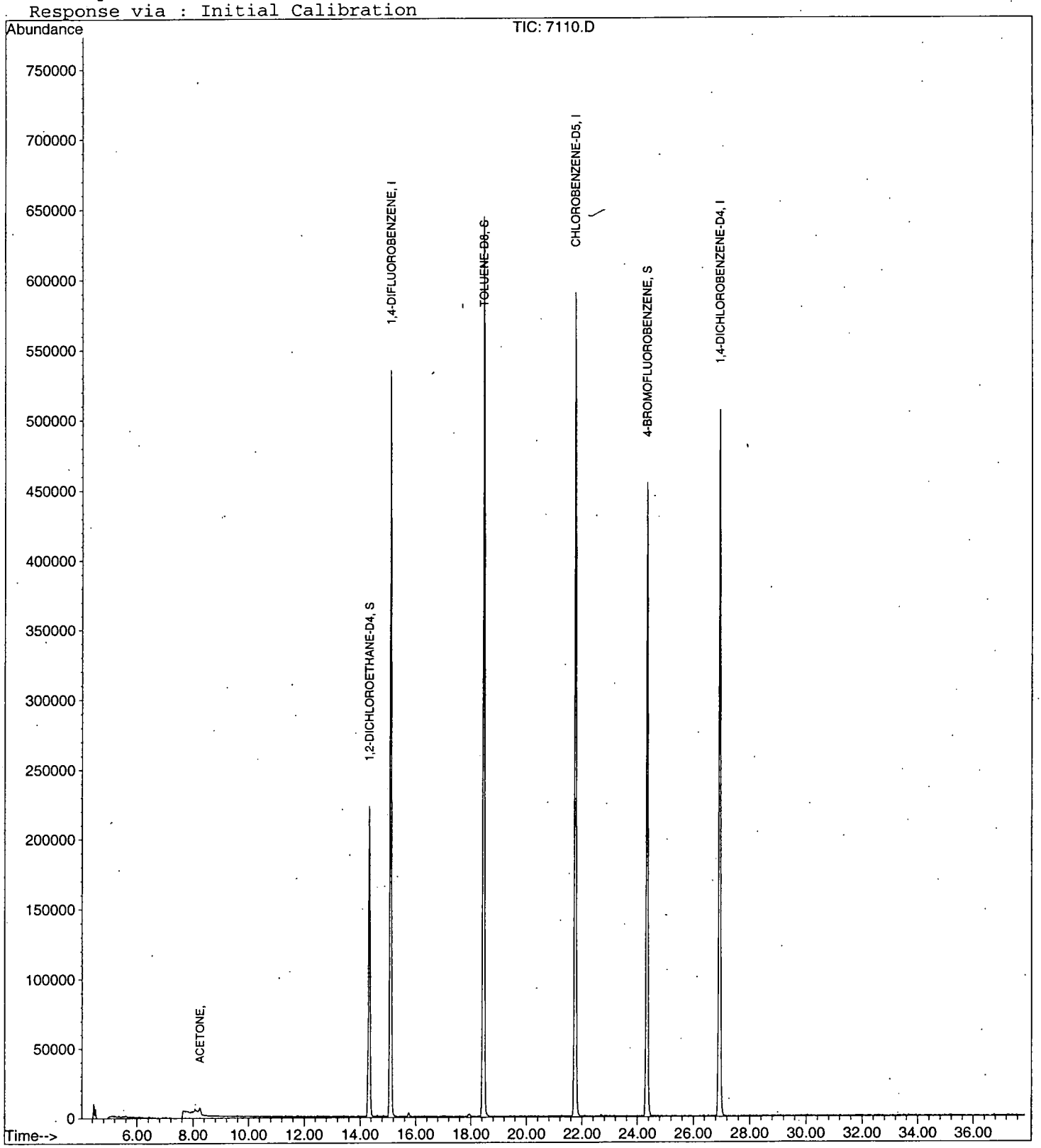
(#) = qualifier out of range (m) = manual integration
7110.D HP031802.M Fri Mar 29 10:32:22 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7110.D
Acq On : 26 Mar 2002 5:54 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:32 2002

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

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7110.D Vial: 6
Acq On : 26 Mar 2002 5:54 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

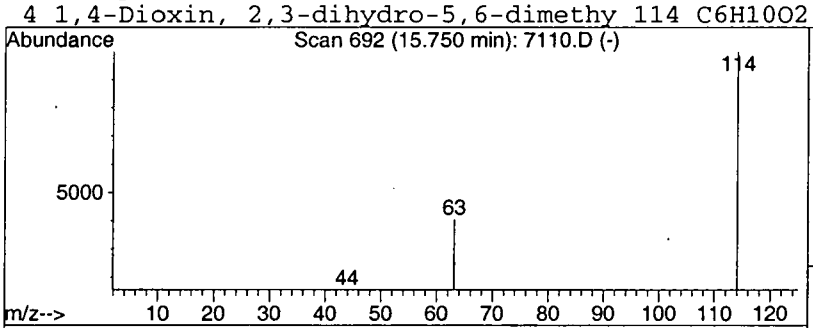
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

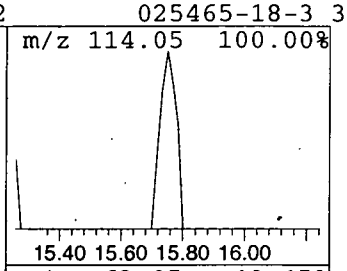
****

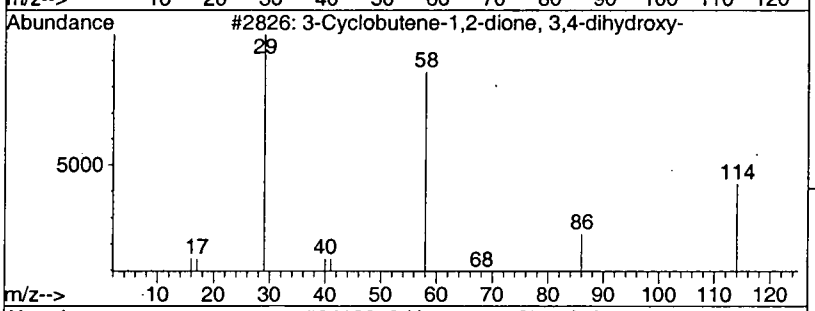
Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 1

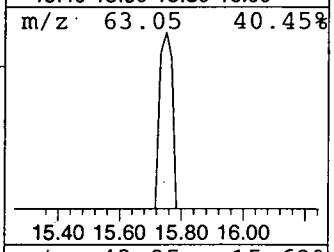
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	10512	1,4-DIFLUOROBENZENE	15.09

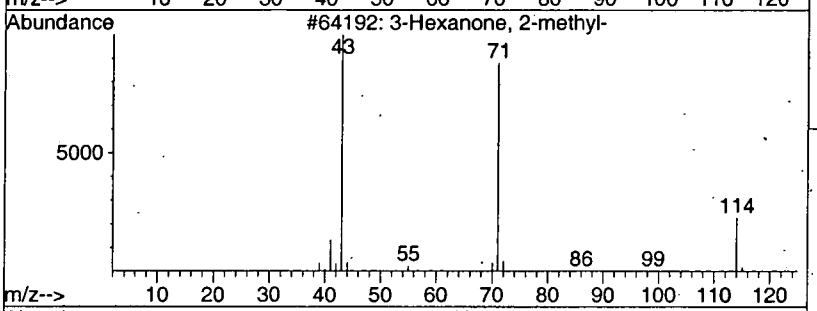
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	1,4-Dioxin, 2,3-dihydro-5,6-dimethy	114	C6H10O2	025465-18-3	3

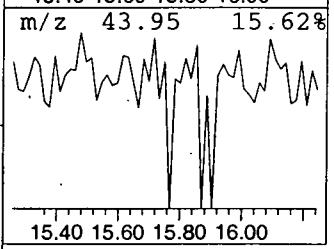


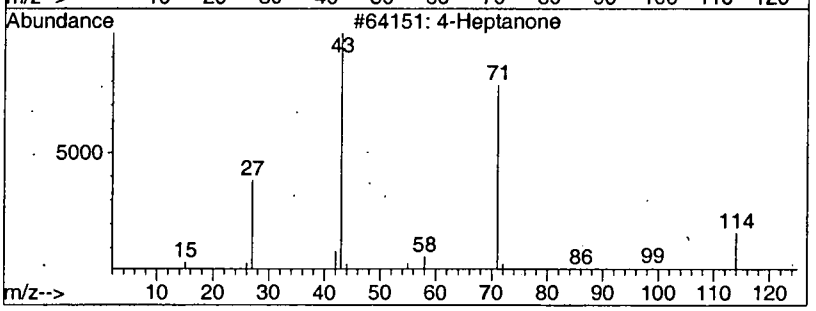












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:58:46

Sample: AE07111
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:06 Ended: 3/26/02 00:06 Analyst: BH
Result source: a:\7111.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		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 (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/5/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:58:46

Sample: AE07111
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:06 Ended: 3/26/02 00:06 Analyst: BH
Result source: a:\7111.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7111.D Vial: 7
Acq On : 26 Mar 2002 6:37 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:32 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	843811	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.76	117	770571	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.93	152	379354	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	416134	5.99	ug/L	0.05
Spiked Amount 5.000			Recovery = 119.80%			
3) 4-BROMOFLUOROBENZENE	24.35	174	316609	4.64	ug/L	0.05
Spiked Amount 5.000			Recovery = 92.80%			
25) TOLUENE-D8	18.46	98	967103	5.18	ug/L	0.05
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	8525	1.88	ug/L	53

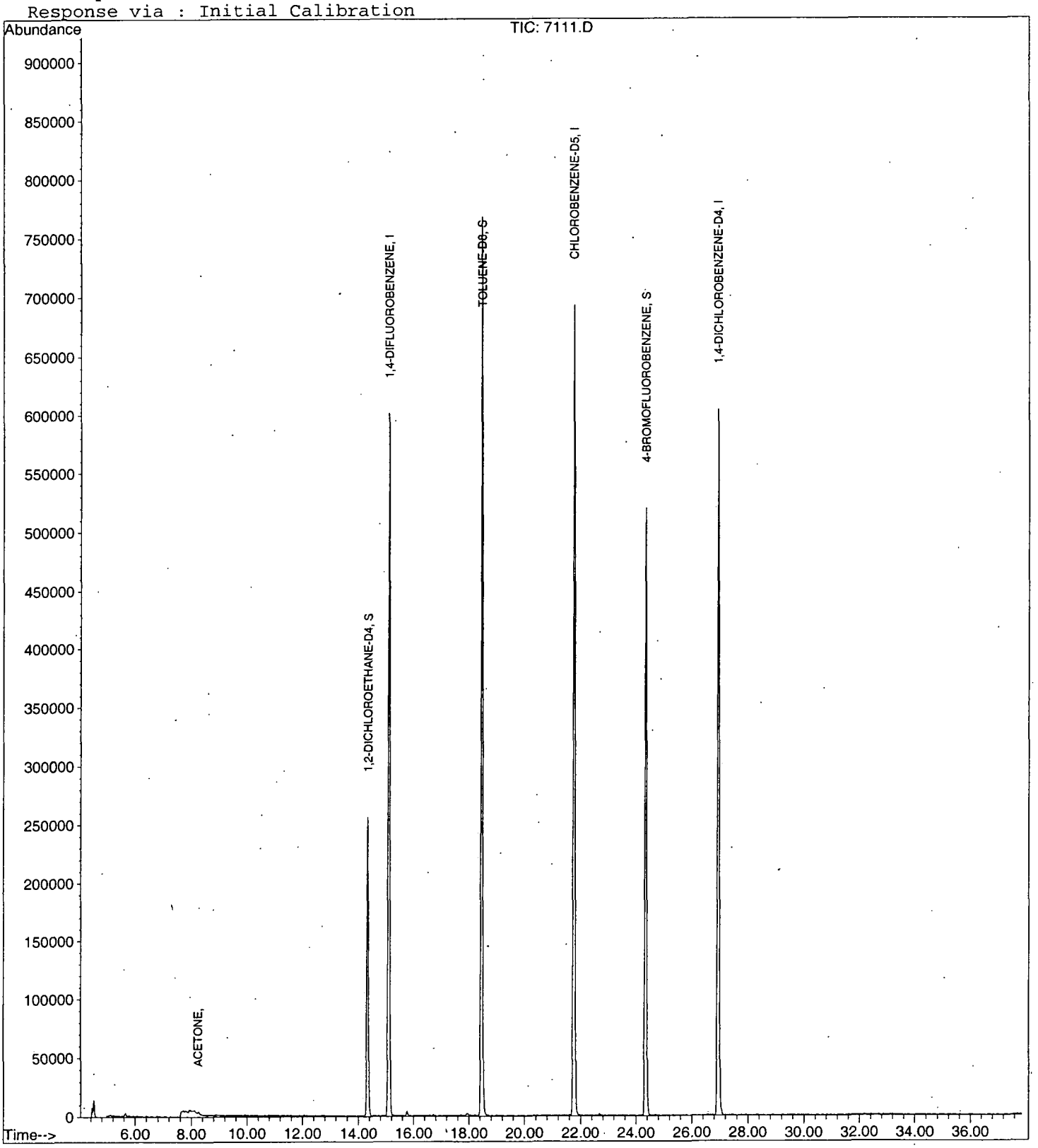
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7111.D
Acq On : 26 Mar 2002 6:37 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:32 2002

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

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7111.D Vial: 7
Acq On : 26 Mar 2002 6:37 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

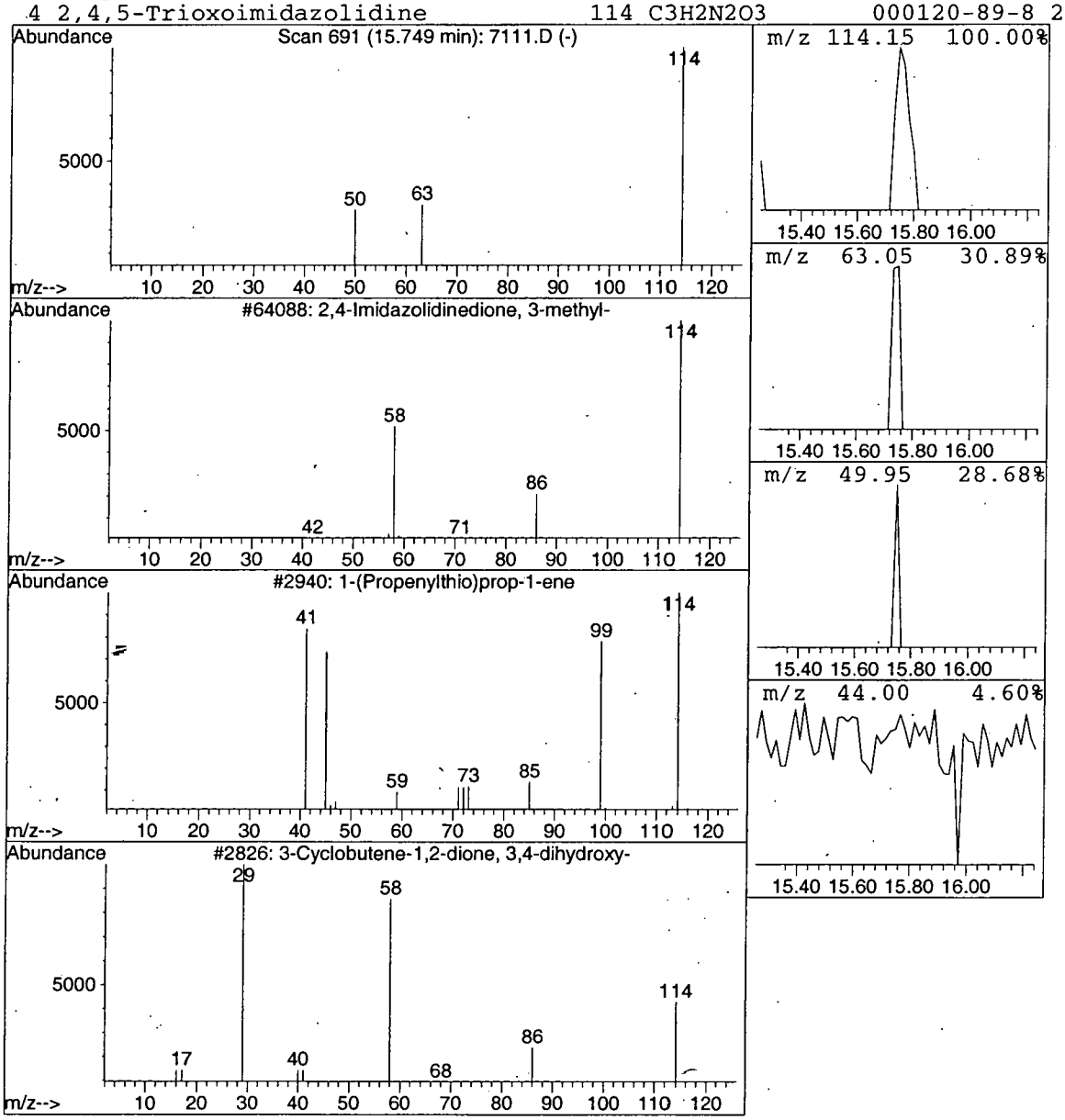
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	11829	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	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:56:04

Sample: AE07109
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/26/02 00:07 Ended: 3/26/02 00:07 Analyst: BH
Result source: a:\0326c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.2		.5
2	Surr_4-BROMOFLUOROBENZE		5.4		.5
3	Dichlorodifluoromethane	USPEC	14		.5
4	Chloromethane		10		.5
5	Vinyl chloride		12		.5
6	Bromomethane		11		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		9.0		.5
10	Methylene Chloride		8.7		.5
11	Methyl tert-butyl ether (MTBE)		9.2		1.0
12	trans-1,2-dichloroethene		8.9		.5
13	1,1-dichloroethane		8.8		.5
14	2-butanone (MEK)		33		2.0
15	2,2-dichloropropane		9.4		.5
16	cis-1,2-dichloroethene		9.3		.5
17	Chloroform		10		.5
18	Bromochloromethane		8.6		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		9.4		.5
23	Carbon tetrachloride		12		.5
24	Benzene		8.8		.5
25	Trichloroethene		9.8		.5
26	1,2-dichloropropane		8.5		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		36		1.0
30	cis-1,3-dichloropropene		9.0		.5
31	Toluene		9.1		.5
32	trans-1,3-dichloropropene		9.6		.5
33	1,1,2-trichloroethane		9.6		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		9.2		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		9.3		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		9.5		.5
40	P & M-xylene		19		.5
41	O-xylene		10		.5
42	Styrene		9.5		.5
43	1,1,2,2-tetrachloroethane		8.8		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		9.3		.5
46	1,2,3-trichloropropane		9.8		.5
47	N-propylbenzene		8.6		.5
48	Bromobenzene		9.8		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:56:04

Sample: AE07109
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/26/02 00:07 Ended: 3/26/02 00:07 Analyst: BH
Result source: a:\0326c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.4		.5
50	2-chlorotoluene		8.6		.5
51	4-chlorotoluene		9.6		.5
52	TERT-butylbenzene		9.2		.5
53	1,2,4-trimethylbenzene		9.3		.5
54	SEC-butylbenzene		8.7		.5
55	P-isopropyltoluene		9.1		.5
56	1,3-dichlorobenzene		9.3		.5
57	1,4-dichlorobenzene		9.2		.5
58	N-butylbenzene		8.7		.5
59	1,2-dichlorobenzene		9.3		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		12		.5
62	Naphthalene		8.6		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326C10A.D Vial: 2
Acq On : 26 Mar 2002 7:21 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 19:59 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	912650	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.76	117	880354	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.95	152	490679	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	463966	6.17	ug/L	0.05
Spiked Amount 5.000			Recovery =	123.40%		
3) 4-BROMOFLUOROBENZENE	24.35	174	397295	5.39	ug/L	0.05
Spiked Amount 5.000			Recovery =	107.80%		
25) TOLUENE-D8	18.46	98	1065228	5.00	ug/L	0.05
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	377067	13.91	ug/L	98
5) CHLOROMETHANE	5.47	50	337788	10.35	ug/L	95
6) VINYL CHLORIDE	5.59	62	283662	12.30	ug/L	97
7) BROMOMETHANE	6.57	94	235453	10.87	ug/L	99
8) CHLOROETHANE	6.71	64	232961	10.41	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.26	101	513990	11.30	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	6906	0.35	ug/L	86
12) ACETONE	8.24	43	209182	39.42	ug/L	100
13) 1,1-DICHLOROETHENE	8.60	61	490307	8.99	ug/L	98
14) METHYLENE CHLORIDE	9.60	49	421889	8.71	ug/L	97
15) METHYL TERT BUTYL ETHER	9.91	73	451470	9.22	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.27	61	485499	8.87	ug/L	98
17) 1,1-DICHLOROETHANE	11.17	63	550360	8.77	ug/L	98
18) 2-BUTANONE (MEK)	12.00	43	221856	33.05	ug/L	99
19) 2,2-DICHLOROPROPANE	12.38	77	460852	9.42	ug/L	93
20) CIS-1,2-DICHLOROETHENE	12.48	96	342897	9.30	ug/L	94
21) CHLOROFORM	12.82	83	685259	10.09	ug/L	99
22) BROMOCHLOROMETHANE	13.20	49	242407	8.60	ug/L	92
23) 1,2-DICHLOROETHANE	14.54	62	497117	10.60	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.71	97	543283	10.93	ug/L	96
27) 1,1-DICHLOROPROPENE	14.03	75	428833	9.38	ug/L	98
28) CARBON TETRACHLORIDE	14.28	117	501590	11.72	ug/L	98
29) BENZENE	14.63	78	1003503	8.81	ug/L	99
30) TRICHLOROETHENE	15.90	95	347015	9.75	ug/L	98
31) 1,2-DICHLOROPROPANE	16.26	63	251689	8.46	ug/L	97
32) DIBROMOMETHANE	16.94	174	176623	10.48	ug/L	93
33) BROMODICHLOROMETHANE	16.79	83	462556	10.27	ug/L	95
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	98720	8.32	ug/L	90
35) METHYL ISO-BUTYL KETONE	17.35	58	183723	36.19	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.88	75	386290	8.96	ug/L	98
37) TOLUENE	18.63	91	1110075	9.10	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	305009	9.59	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.29	97	193161	9.59	ug/L	97
40) TETRACHLOROETHENE	20.07	166	361515	10.01	ug/L	100
41) 1,3-DICHLOROPROPANE	19.82	76	340149	9.16	ug/L	96
42) DIBROMOCHLOROMETHANE	20.52	129	278326	10.70	ug/L	98
43) 1,2-DIBROMOETHANE	20.98	107	195923	9.54	ug/L	92
44) CHLOROBENZENE	21.84	112	761529	9.27	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.90	131	299678	10.33	ug/L	96
46) 2-HEXANONE	19.19	43	345229	36.73	ug/L	92
47) ETHYLBENZENE	21.90	91	1349098	9.51	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326C10A.D Vial: 2
Acq On : 26 Mar 2002 7:21 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 19:59 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

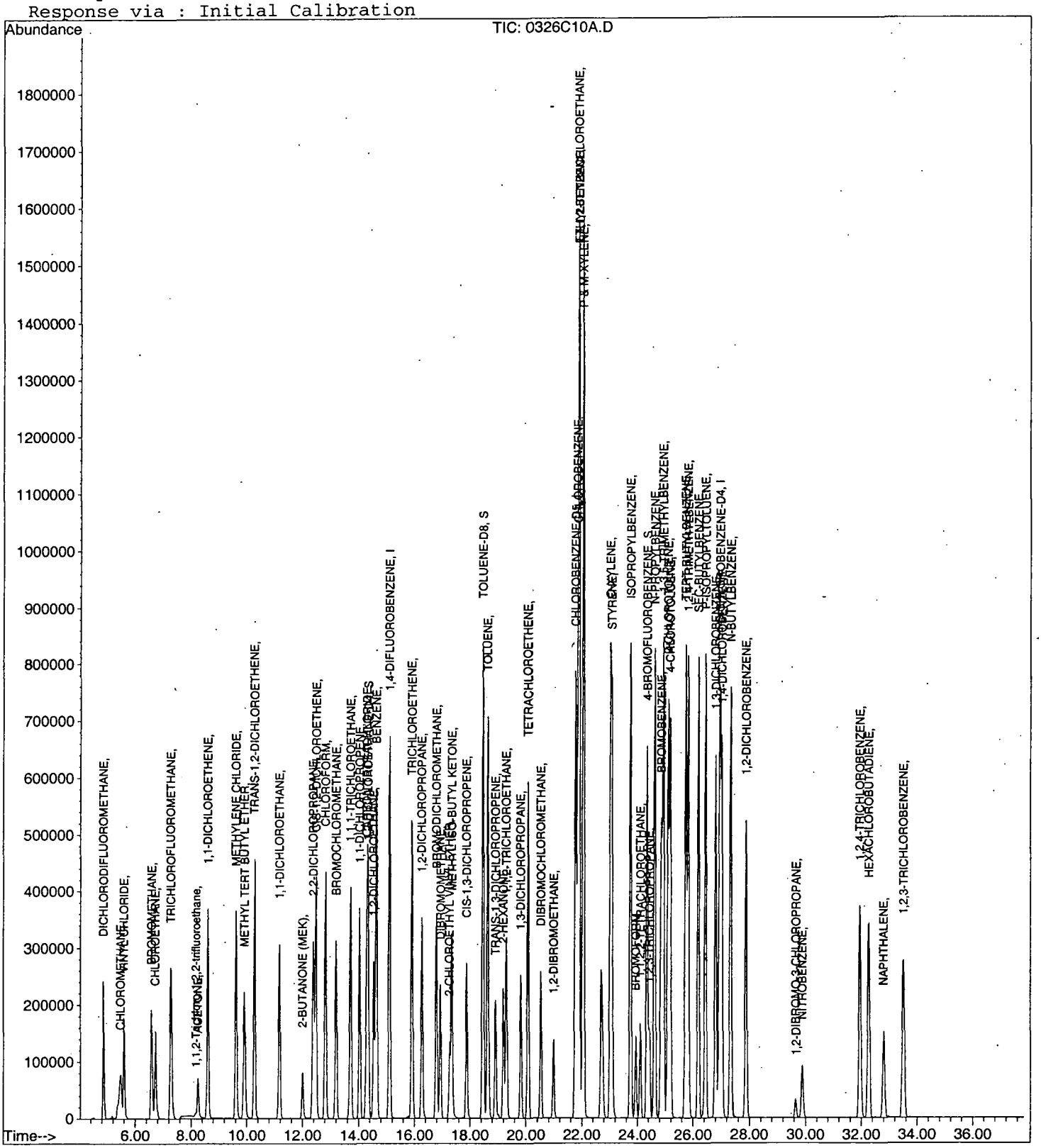
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.05	106	896267	18.53 ug/L	90
49)	O-XYLENE	23.02	91	1112322	9.98 ug/L	96
50)	STYRENE	23.07	104	701018	9.48 ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	179752	8.82 ug/L	96
53)	BROMOFORM	23.94	173	142418	10.86 ug/L	96
54)	ISOPROPYLBENZENE	23.75	105	1223806	9.34 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.43	110	69044	9.83 ug/L	97
56)	N-PROPYLBENZENE	24.62	91	1472439	8.65 ug/L	98
57)	BROMOBENZENE	24.86	156	337672	9.80 ug/L	94
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	1093069	9.41 ug/L	96
59)	2-CHLOROTOLUENE	25.10	91	1004503	8.58 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	972597	9.65 ug/L	97
61)	TERT-BUTYLBENZENE	25.73	119	980855	9.25 ug/L	94
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	1134391	9.33 ug/L	96
63)	SEC-BUTYLBENZENE	26.19	105	1266038	8.69 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.44	119	1037777	9.13 ug/L	96
65)	1,3-DICHLOROBENZENE	26.80	146	613841	9.34 ug/L	99
66)	1,4-DICHLOROBENZENE	27.02	146	622055	9.15 ug/L	99
67)	N-BUTYLBENZENE	27.33	91	1003372	8.68 ug/L	100
68)	1,2-DICHLOROBENZENE	27.87	146	520559	9.26 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	28965	8.34 ug/L	96
70)	1,2,4-TRICHLOROBENZENE	31.94	180	355230	10.00 ug/L	97
71)	HEXACHLOROBUTADIENE	32.26	225	214701	11.69 ug/L	99
72)	NAPHTHALENE	32.79	128	373746	8.57 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.51	180	293323	10.56 ug/L	97
74)	NITROBENZENE	29.88	77	135625	155.15 ug/L	93

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar26\0326C10A.D Vial: 2
Acq On : 26 Mar 2002 7:21 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 19:59 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar26\0326B5.D Vial: 3
Acq On : 26 Mar 2002 8:04 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 20:42 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 25 15:09:58 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

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

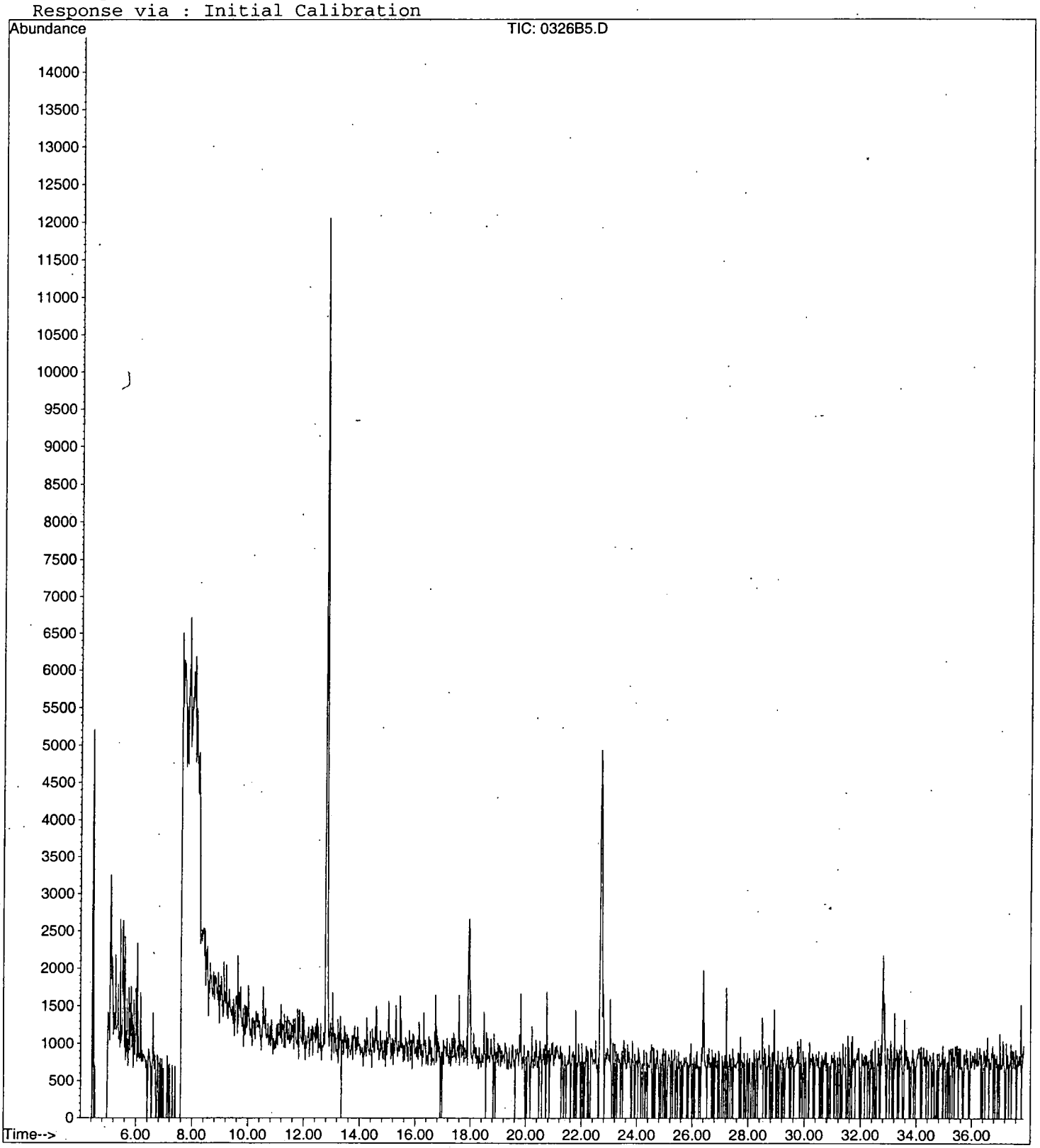
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar26\0326B5.D Vial: 3
Acq On : 26 Mar 2002 8:04 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 26 20:42 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:59:07

Sample: AE07113
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:08 Ended: 3/26/02 00:08 Analyst: BH
Result source: a:\7113.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/5/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:59:07

Sample: AE07113
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:08 Ended: 3/26/02 00:08 Analyst: BH
Result source: a:\7113.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7113.D Vial: 7
Acq On : 26 Mar 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:33 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	778848	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	712557	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	351765	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	383364	5.97	ug/L	0.07
Spiked Amount 5.000			Recovery =	119.40%		
3) 4-BROMOFLUOROBENZENE	24.36	174	293778	4.67	ug/L	0.07
Spiked Amount 5.000			Recovery =	93.40%		
25) TOLUENE-D8	18.47	98	901991	5.23	ug/L	0.07
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	13775	3.29	ug/L	94

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

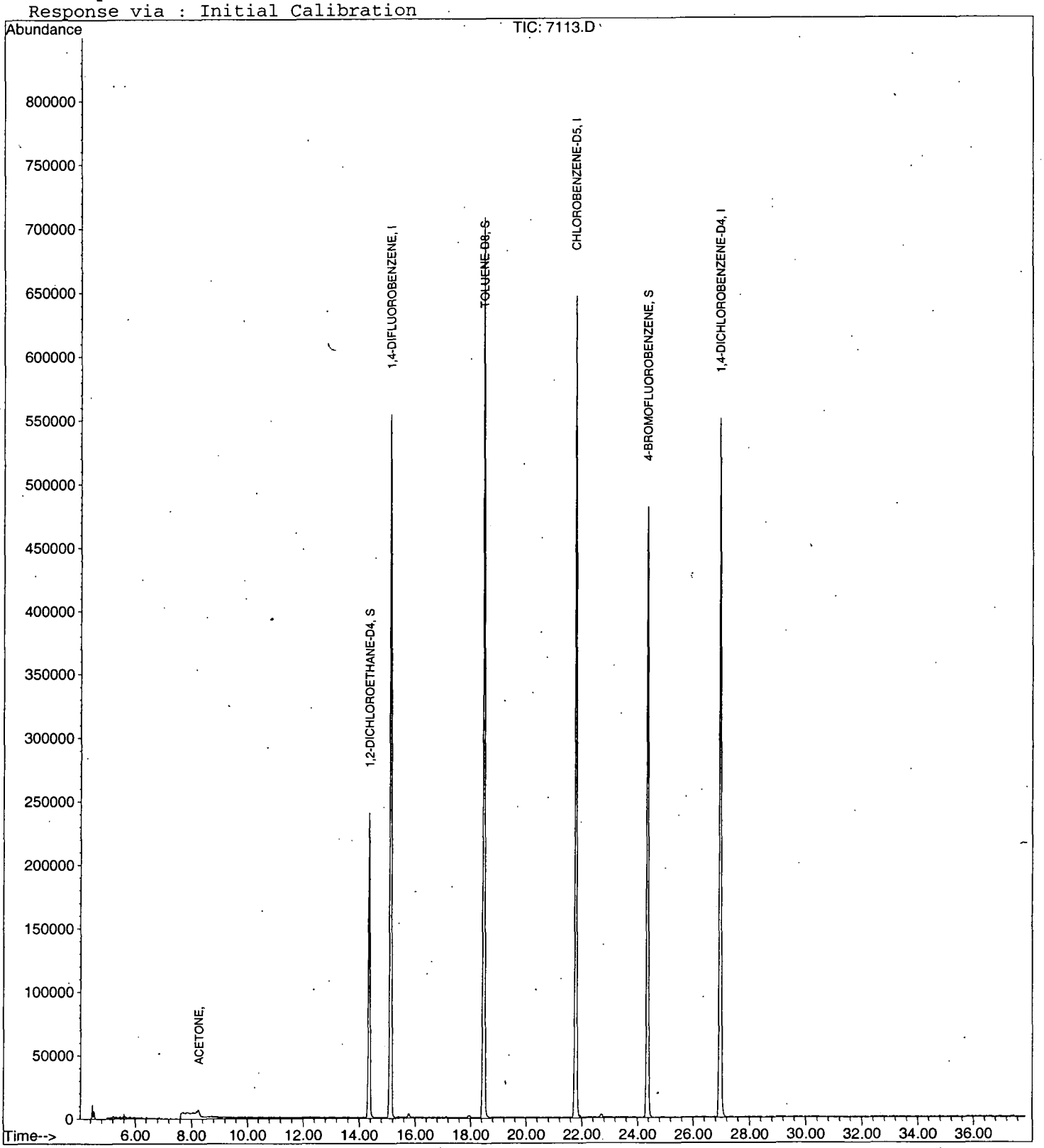
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7113.D
Acq On : 26 Mar 2002 8:47 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:33 2002

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

Quant Results File: HP031802.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7113.D Vial: 7
Acq On : 26 Mar 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

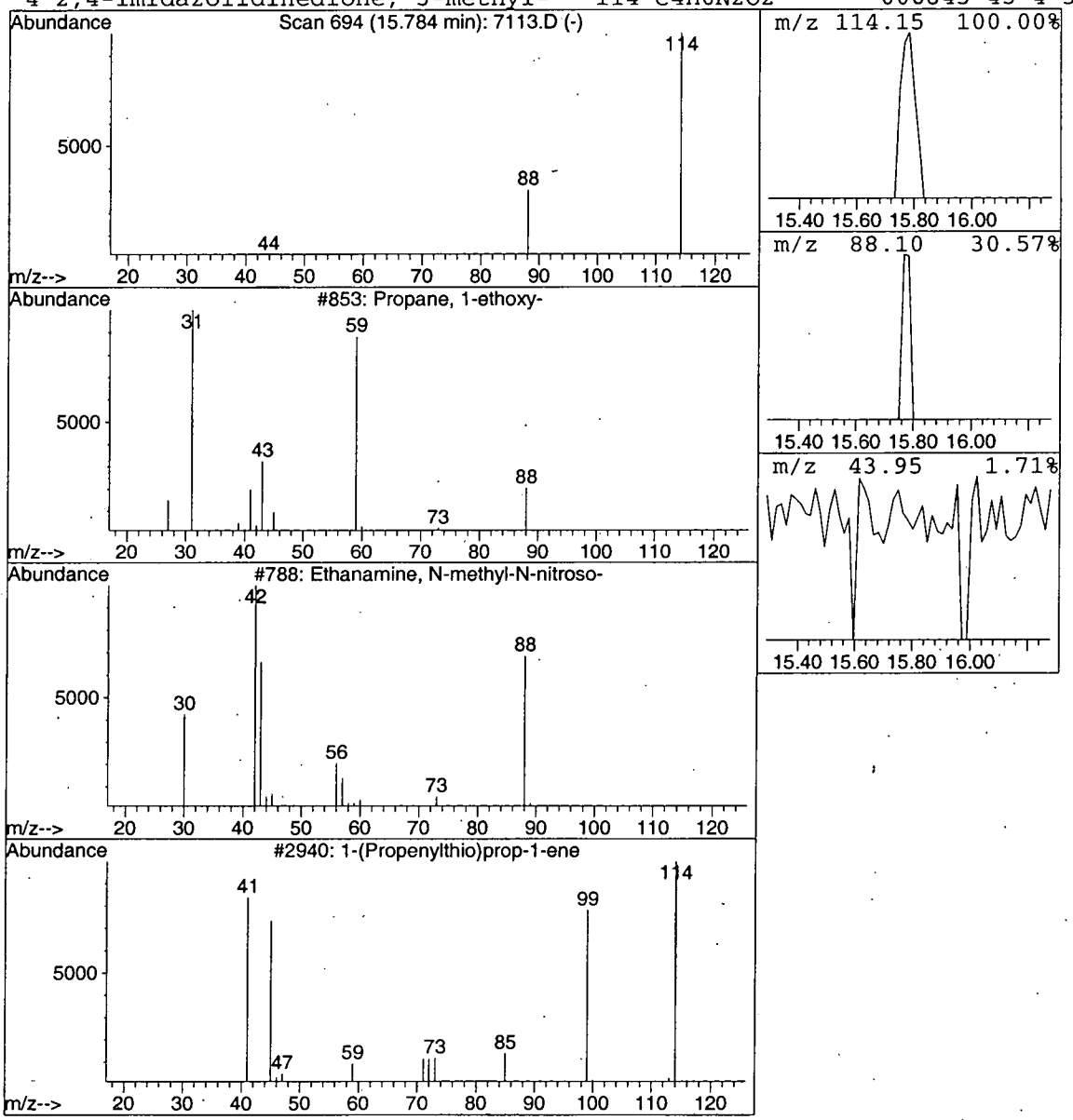
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 1-ethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	10817	1,4-DIFLUOROBENZENE	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
2	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7113.D Vial: 7
Acq On : 26 Mar 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

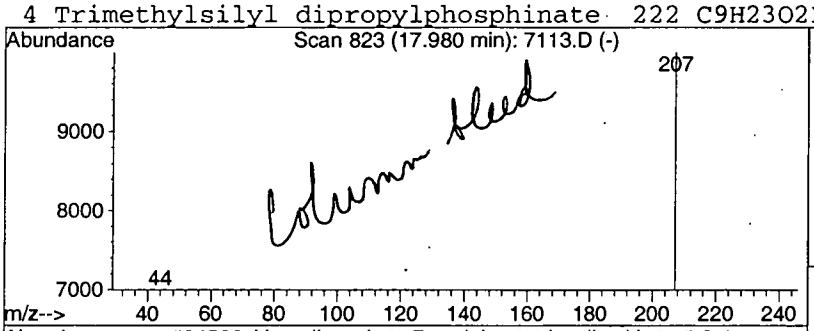
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

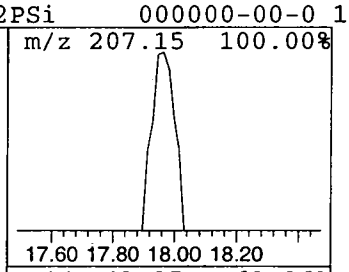
****

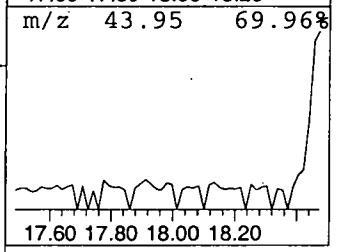
Peak Number 2 Vanadium, (.eta.7-cycloheptatr Concentration Rank 1

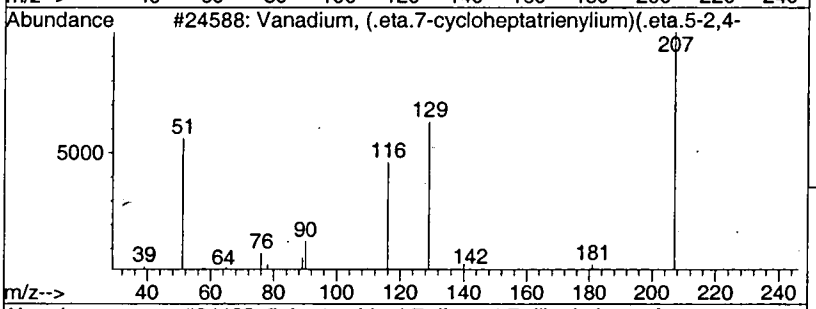
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	0.04 ug/L	15076	1,4-DIFLUOROBENZENE	15.12

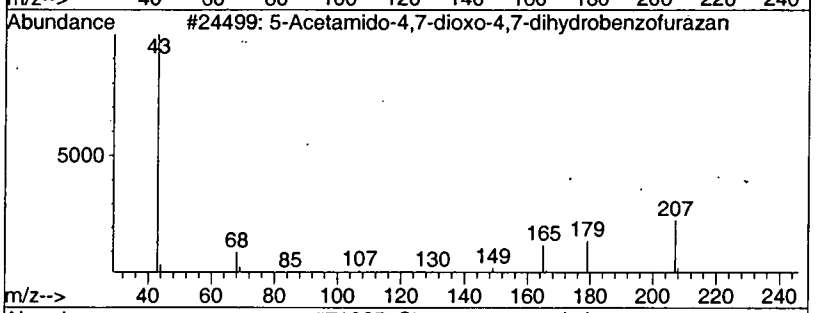
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanadium, (.eta.7-cycloheptatrienyl	207	C12H12V	012636-68-9	2
2	5-Acetamido-4,7-dioxo-4,7-dihydrobe	207	C8H5N3O4	000000-00-0	2
3	Stannane, tetraethyl-	236	C8H20Sn	000597-64-8	1
4	Trimethylsilyl dipropylphosphinate	222	C9H23O2PSi	000000-00-0	1

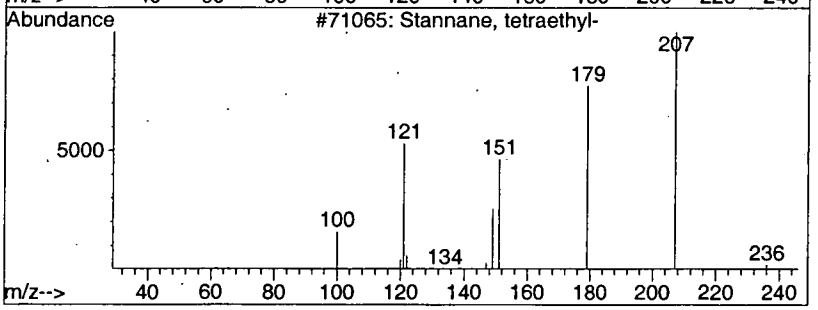












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7113.D Vial: 7
Acq On : 26 Mar 2002 8:47 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

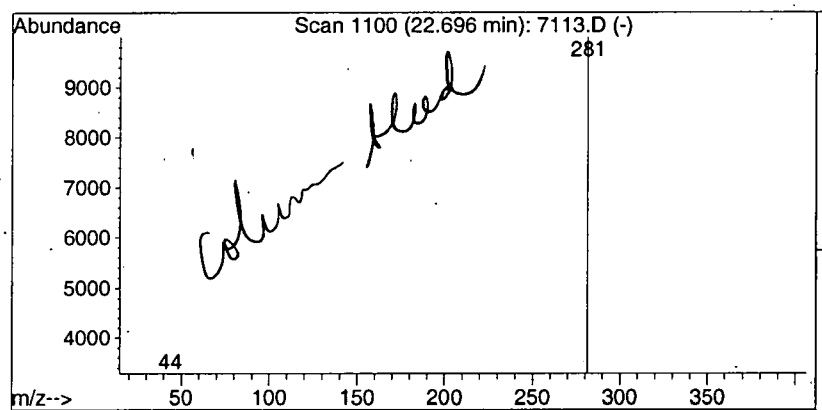
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

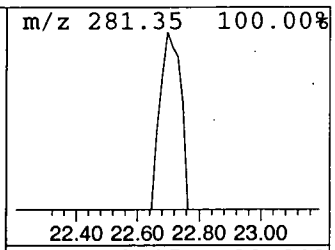
****

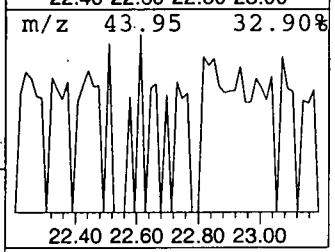
Peak Number 3 Adenosine, 2-methyl- Concentration Rank 2

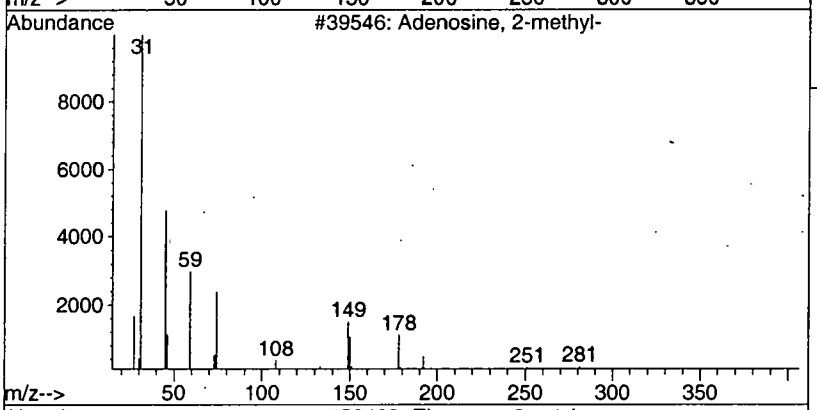
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	0.03 ug/L	15874	CHLOROBENZENE-D5	21.78

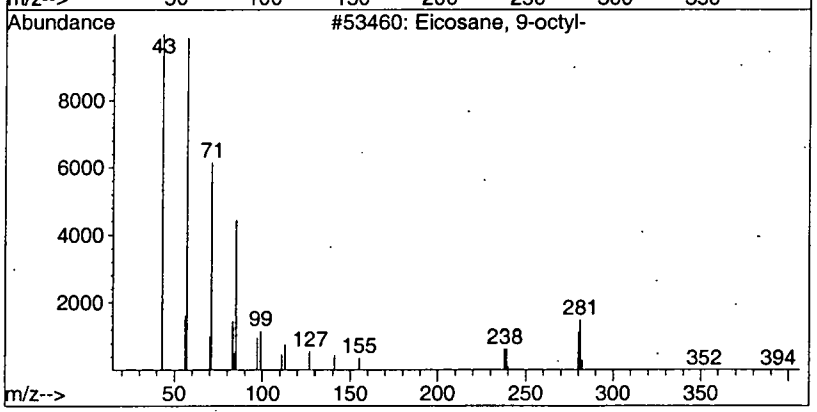
Hit# of 2	Tentative ID	MW	MolForm	CAS#	Qual
1	Adenosine, 2-methyl-	281	C11H15N5O4	016526-56-0	1
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	1











User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:59:27

Sample: AE07114
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:09 Ended: 3/26/02 00:09 Analyst: BH
Result source: a:\7114.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY DV
DATE 4/5/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:59:27

Sample: AE07114
Analysis: \$524 *Volatile Organic Compounds*
Units: ug
Started: 3/26/02 00:09 Ended: 3/26/02 00:09 Analyst: BH
Result source: a:\7114.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7114.D Vial: 8
Acq On : 26 Mar 2002 9:30 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:34 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	898099	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	812376	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	402786	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	432681	5.85	ug/L	0.07
Spiked Amount 5.000			Recovery =	117.00%		
3) 4-BROMOFLUOROBENZENE	24.36	174	338212	4.66	ug/L	0.07
Spiked Amount 5.000			Recovery =	93.20%		
25) TOLUENE-D8	18.47	98	1021781	5.19	ug/L	0.07
Spiked Amount 5.000			Recovery =	103.80%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	12553	2.60	ug/L	53

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

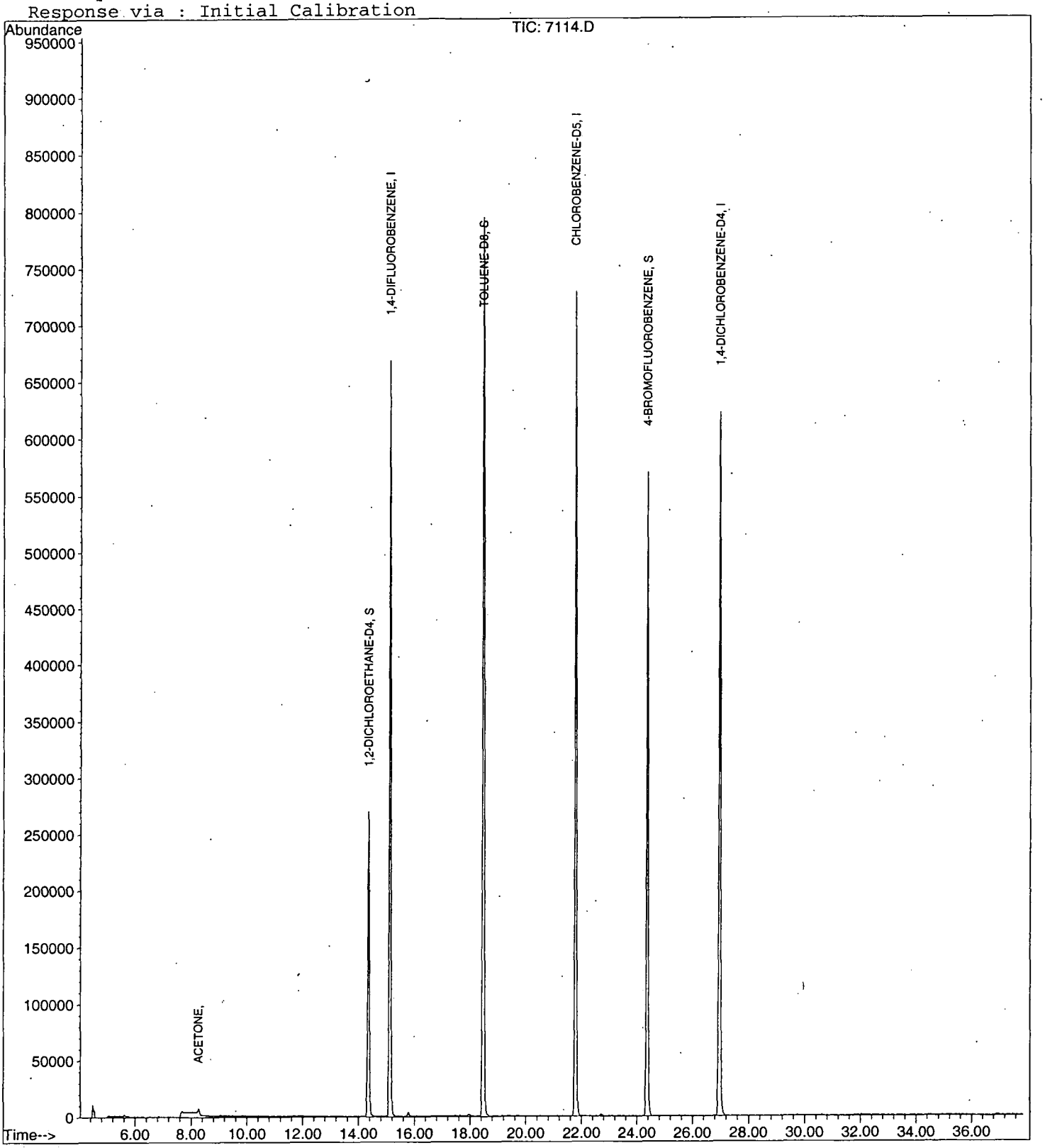
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7114.D
Acq On : 26 Mar 2002 9:30 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:34 2002

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

Quant Results File: HP031802.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7114.D
Acq On : 26 Mar 2002 9:30 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

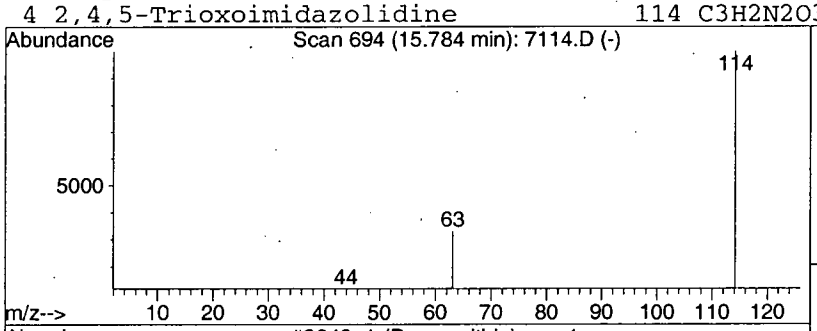
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

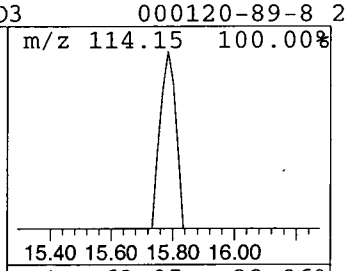
****

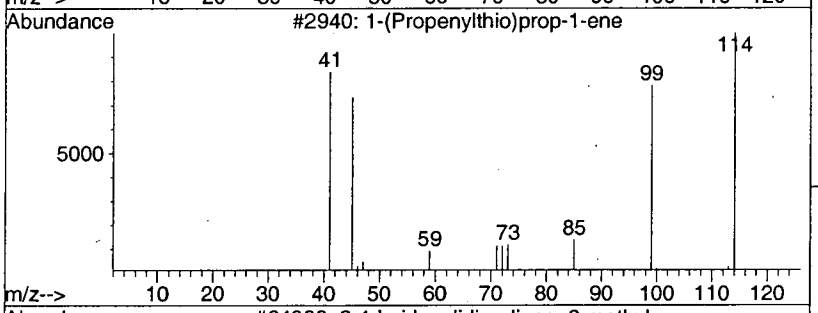
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

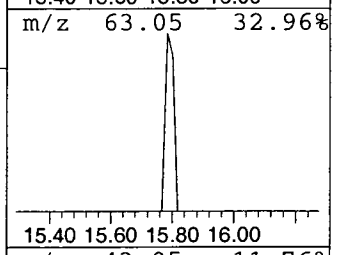
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	12986	1,4-DIFLUOROBENZENE	15.12

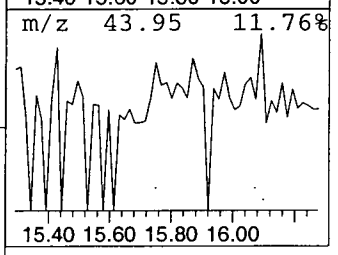
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

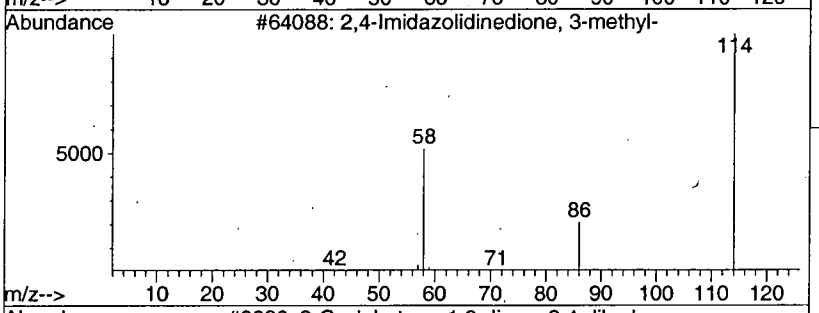


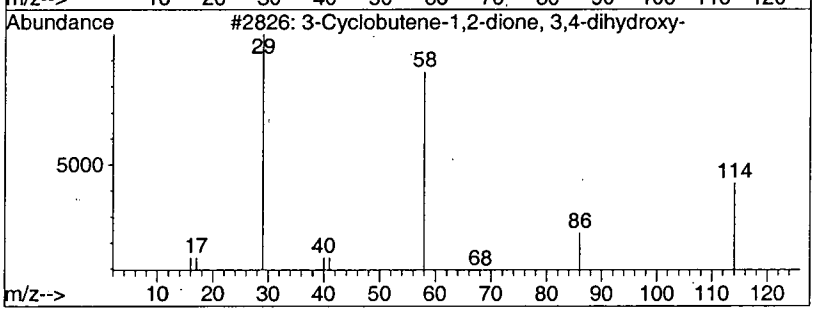












User: Huhn; William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:59:46

Sample: AE07115
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:00 Ended: 3/26/02 00:00 Analyst: BH
Result source: a:\7115.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		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 (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/5/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:59:46

Sample: AE07115
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/26/02 00:00 Ended: 3/26/02 00:00 Analyst: BH
Result source: a:\7115.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7115.D Vial: 9
Acq On : 26 Mar 2002 10:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:34 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	889563	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.78	117	807396	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	387205	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	439085	5.99	ug/L	0.05
Spiked Amount 5.000			Recovery	=	119.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	324782	4.52	ug/L	0.07
Spiked Amount 5.000			Recovery	=	90.40%	
25) TOLUENE-D8	18.47	98	1019689	5.21	ug/L	0.07
Spiked Amount 5.000			Recovery	=	104.20%	
Target Compounds						Qvalue
12) ACETONE	8.26	43	9960	2.09	ug/L	90

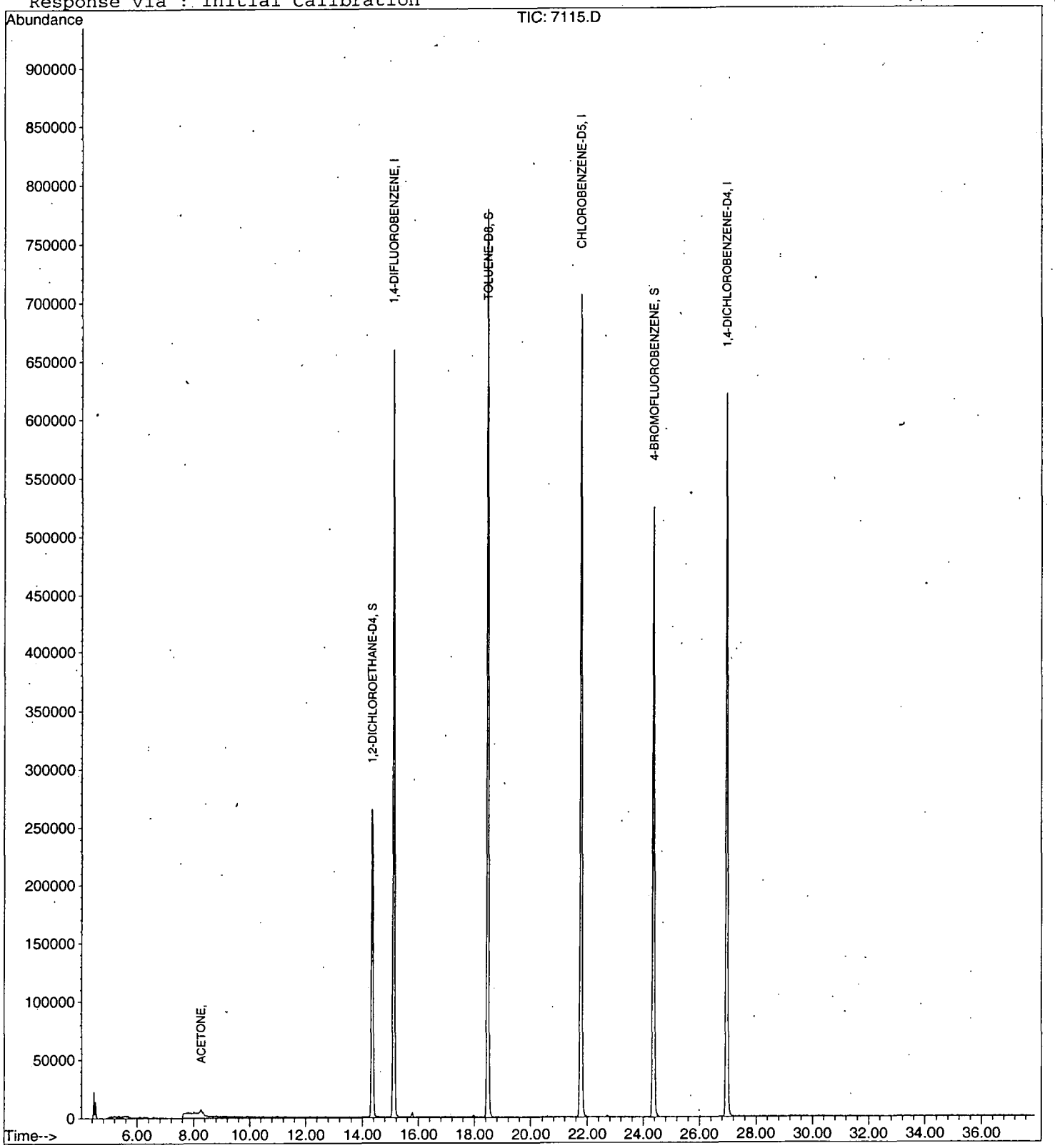
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7115.D
Acq On : 26 Mar 2002 10:13 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:34 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7115.D Vial: 9
Acq On : 26 Mar 2002 10:13 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

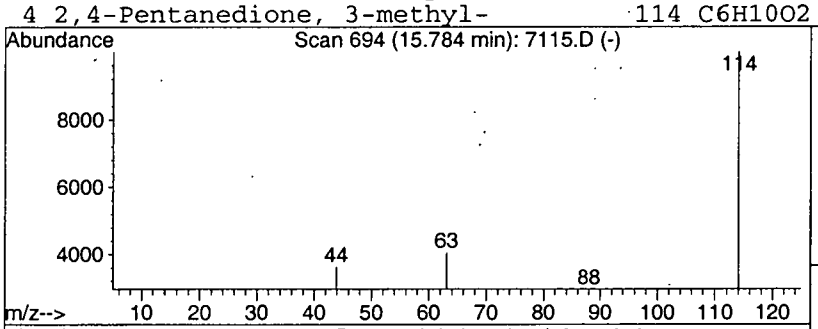
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

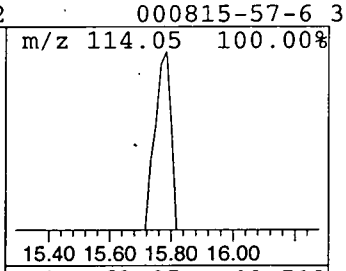
****

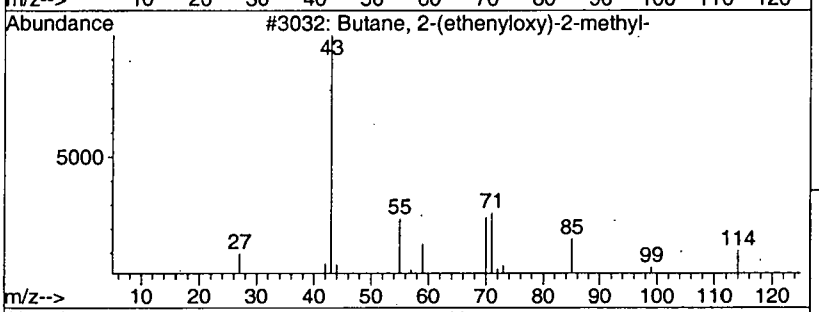
Peak Number 1 Butane, 2-(ethenyloxy)-2-methy Concentration Rank 1

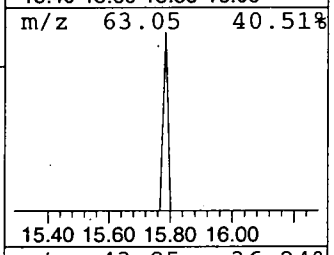
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.04 ug/L	18429	1,4-DIFLUOROBENZENE	15.10

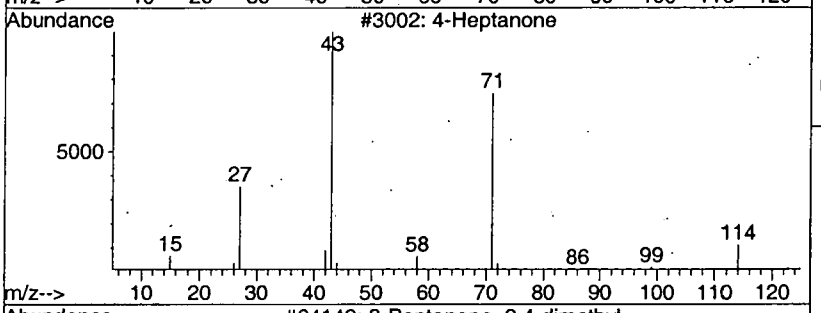
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	3

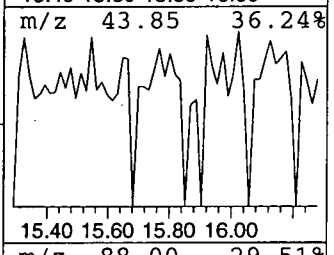


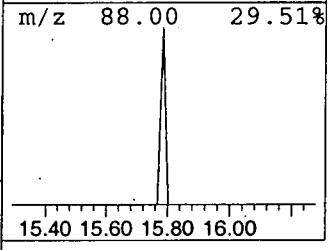


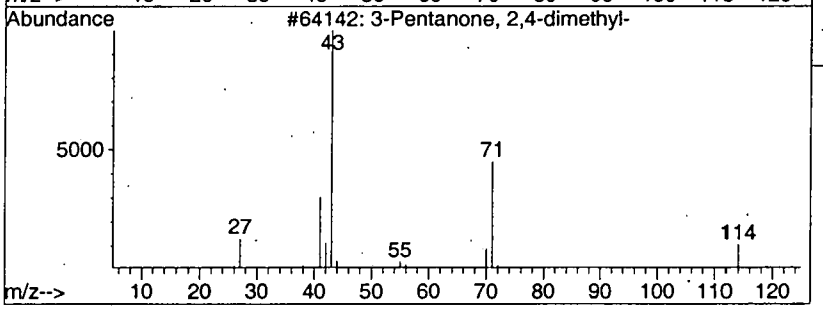












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 11:00:44

Sample: AE07109
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/26/02 00:05 Ended: 3/26/02 00:05 Analyst: BH
Result source: calculation
Page: 1

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 11:00:44

Sample: AE07109
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/26/02 00:05 Ended: 3/26/02 00:05 Analyst: BH
Result source: calculation
Page: 2

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 11:00:34

Sample: AE07109
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/26/02 00:00 Ended: 3/26/02 00:00 Analyst: BH
Result source: a:\7109d.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		.5
2	Surr - 4-BROMOFLUOROBENZ		4.7		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 11:00:34

Sample: AE07109
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/26/02 00:00 Ended: 3/26/02 00:00 Analyst: BH
Result source: a:\7109d.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7109D.D Vial: 10
Acq On : 26 Mar 2002 10:57 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:31 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	881363	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	801979	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	387625	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	426169	5.87	ug/L	0.07
Spiked Amount 5.000			Recovery =	117.40%		
3) 4-BROMOFLUOROBENZENE	24.36	174	331641	4.66	ug/L	0.07
Spiked Amount 5.000			Recovery =	93.20%		
25) TOLUENE-D8	18.47	98	1005243	5.18	ug/L	0.07
Spiked Amount 5.000			Recovery =	103.60%		
Target Compounds						Qvalue
12) ACETONE	8.28	43	6744	1.43	ug/L	53

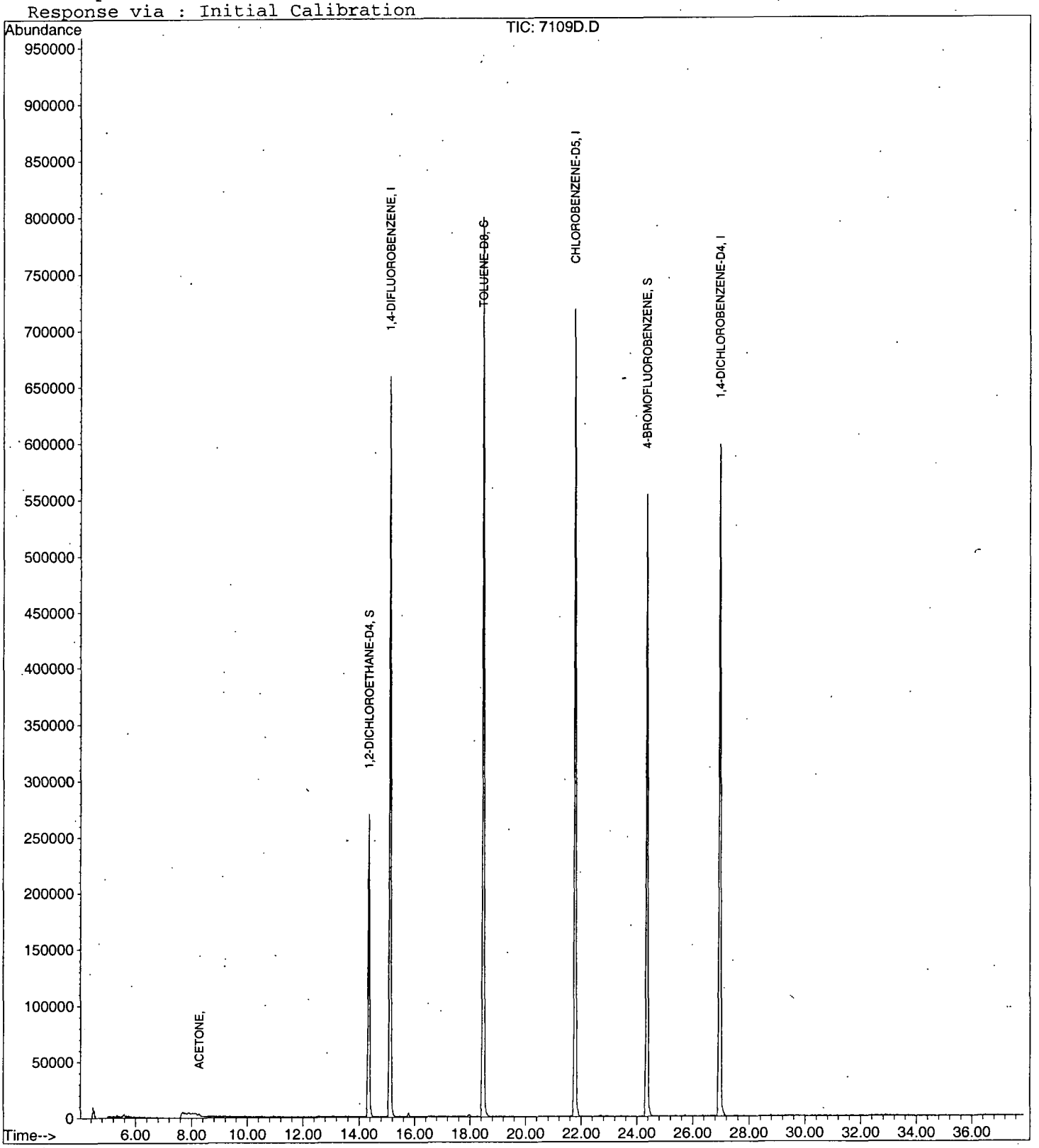
(#) = qualifier out of range (m) = manual integration
7109D.D HP031802.M Fri Mar 29 10:31:16 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7109D.D
Acq On : 26 Mar 2002 10:57 pm
Sample : nyc dup
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:31 2002

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

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7109D.D Vial: 10
Acq On : 26 Mar 2002 10:57 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

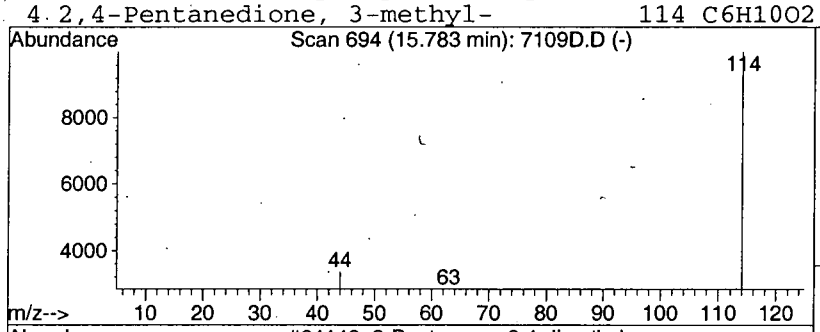
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

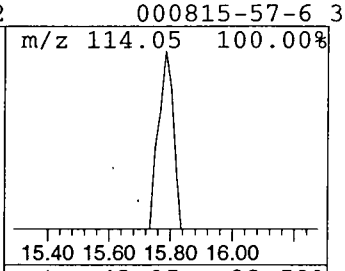
****

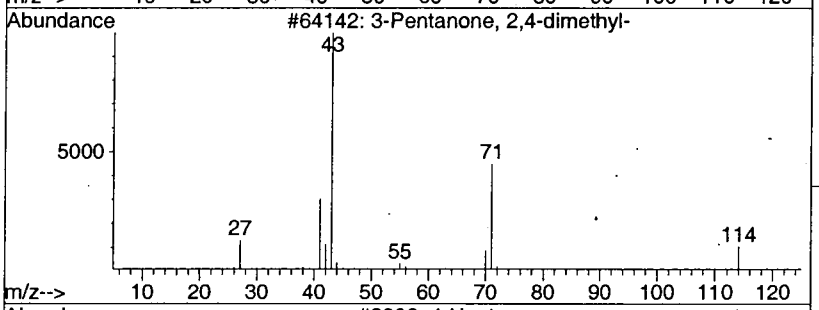
Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 1

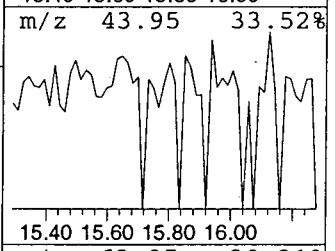
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	15092	1,4-DIFLUOROBENZENE	15.12

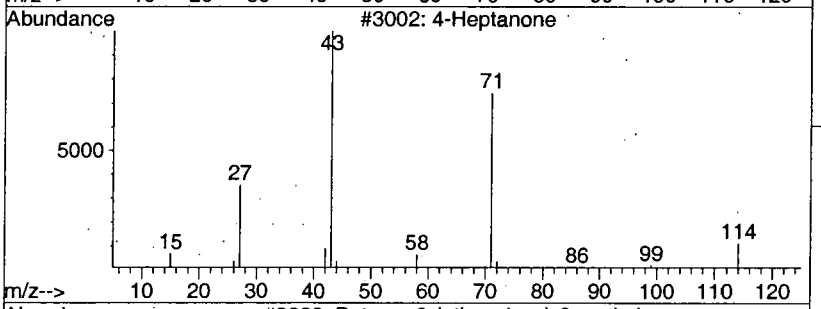
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	3

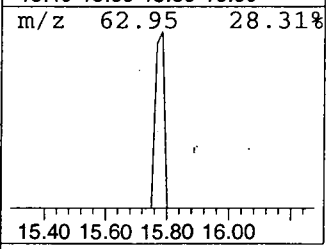


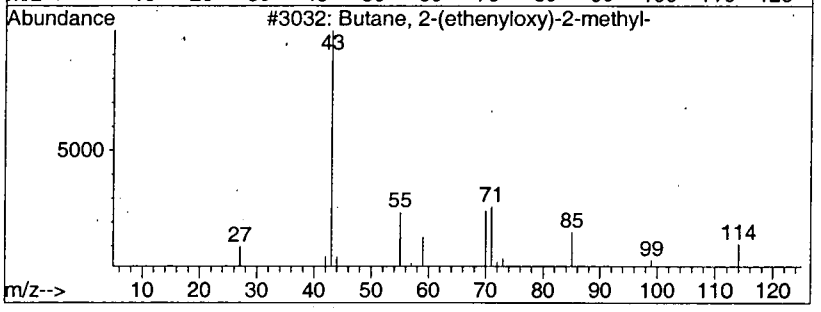












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:57:30

Sample: AE07109
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/26/02 00:01 Ended: 3/26/02 00:01 Analyst: BH
Result source: a:\7109f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.7		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	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
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 10:57:30

Sample: AE07109
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/26/02 00:01 Ended: 3/26/02 00:01 Analyst: BH
Result source: a:\7109f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR26\7109F.D Vial: 11
Acq On : 26 Mar 2002 11:40 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:31 2002 Quant Results File: HP031802.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	894048	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	814733	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	405685	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	421735	5.73	ug/L	0.07
Spiked Amount 5.000			Recovery = 114.60%			
3) 4-BROMOFLUOROBENZENE	24.36	174	333260	4.61	ug/L	0.07
Spiked Amount 5.000			Recovery = 92.20%			
25) TOLUENE-D8	18.47	98	1018351	5.16	ug/L	0.07
Spiked Amount 5.000			Recovery = 103.20%			
Target Compounds						Qvalue
12) ACETONE	8.28	43	12103	2.52	ug/L	90

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

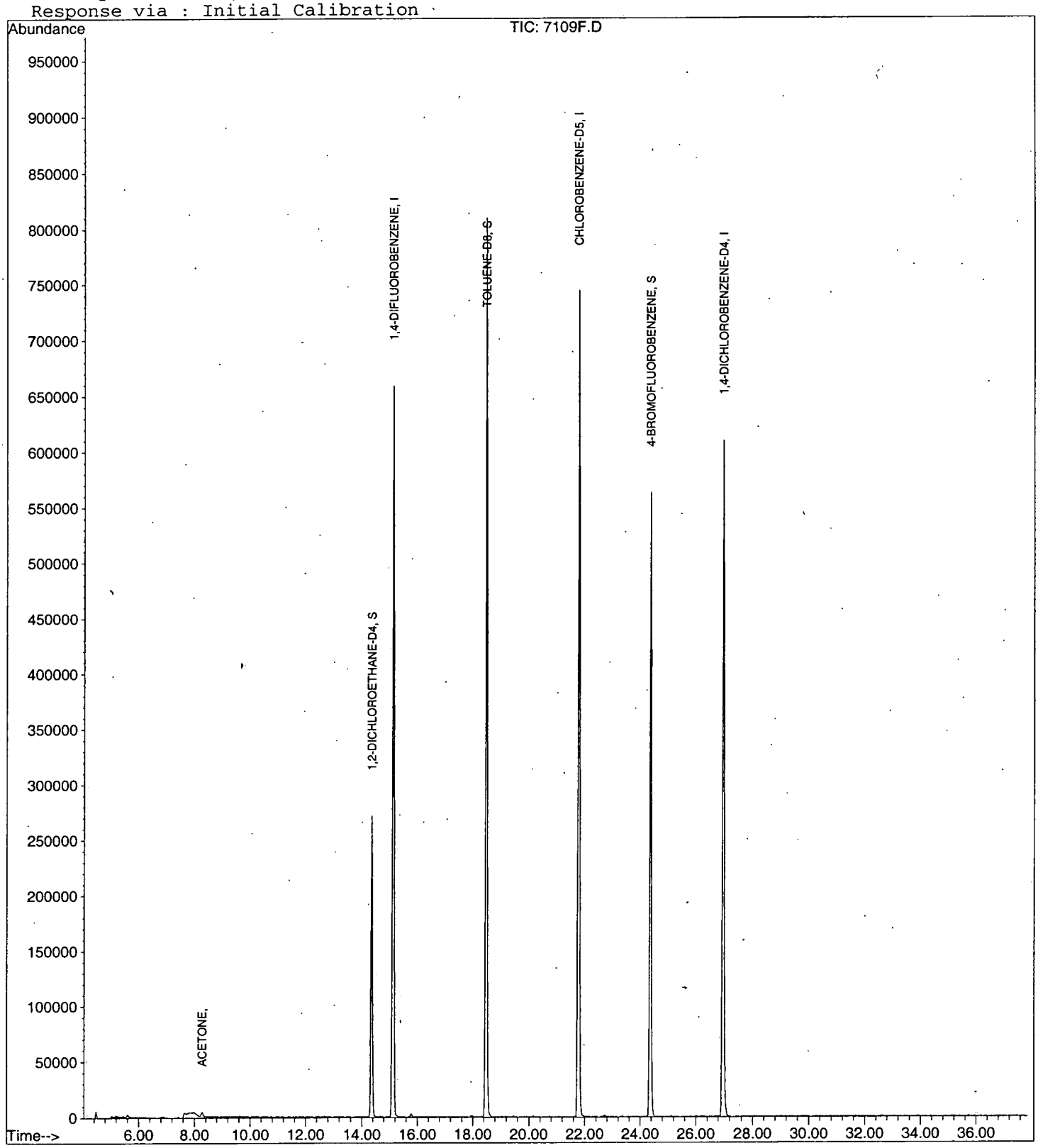
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7109F.D
Acq On : 26 Mar 2002 11:40 pm
Sample : nyc fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 29 10:31 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP031802.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR26\7109F.D Vial: 11
Acq On : 26 Mar 2002 11:40 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP031802.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.
15.77	0.03 ug/L	14310	1,4-DIFLUOROBENZENE	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	4-Heptanone	114	C7H14O	000123-19-3	3