

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:32:43

Sample: AE07376
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 4/1/02 00:09 Ended: 4/1/02 00:09 Analyst: BH
 Result source: a:\0401b1.rr
 Page: 1

Component Name	Viol	Result
1. Surr - 1,2-DICHLOROETHANE		5.6
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		2.6
10. 1,1-DICHLOROETHENE		< MDL
11. METHYLENE CHLORIDE		< MDL
12. METHYL TERT BUTYL ETHER		0.27
13. TRANS-1,2-DICHLOROETHEN		< MDL
14. 1,1-DICHLOROETHANE		< MDL
15. 2-BUTANONE (MEK)		0.17
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		5.0
22. 1,1,1-TRICHLOROETHANE		< MDL
23. 1,1-DICHLOROPROPENE		< MDL
24. CARBON TETRACHLORIDE		< MDL
25. BENZENE		< MDL
26. TRICHLOROETHENE		< MDL
27. 1,2-DICHLOROPROPANE		< MDL
28. DIBROMOMETHANE		< MDL
29. BROMODICHLOROMETHANE		< MDL
30. 2-CHLOROETHYL VINYL ETHER		< MDL
31. MIBK		< MDL
32. CIS-1,3-DICHLOROPROPENE		< MDL
33. TOLUENE		< MDL
34. TRANS-1,3-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		0.11
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

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Result source: a:\0401b1.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\02apr01\0401B1.D

Vial: 1

Acq On : 1 Apr 2002 9:05 am

Operator: 201-wb

Sample : lab blank

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 9:43 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 15:03:13 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	1252103	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.78	117	1223630	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	601115	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	579106	5.61	ug/L	0.05
Spiked Amount	5.000		Recovery	=	112.20%	
3) 4-BROMOFLUOROBENZENE	24.36	174	508459	5.02	ug/L	0.07
Spiked Amount	5.000		Recovery	=	100.40%	
25) TOLUENE-D8	18.47	98	1473171	4.97	ug/L	0.07
Spiked Amount	5.000		Recovery	=	99.40%	
Target Compounds						
12) ACETONE	8.28	43	17223	2.56	ug/L	77
15) METHYL TERT BUTYL ETHER	9.93	73	18139	0.27	ug/L	99
18) 2-BUTANONE (MEK)	11.82	43	1536	0.17	ug/L	54
46) 2-HEXANONE	19.58	43	1413	0.11	ug/L	27

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

0401B1.D HP031802.M Mon Apr 01 09:43:52 2002

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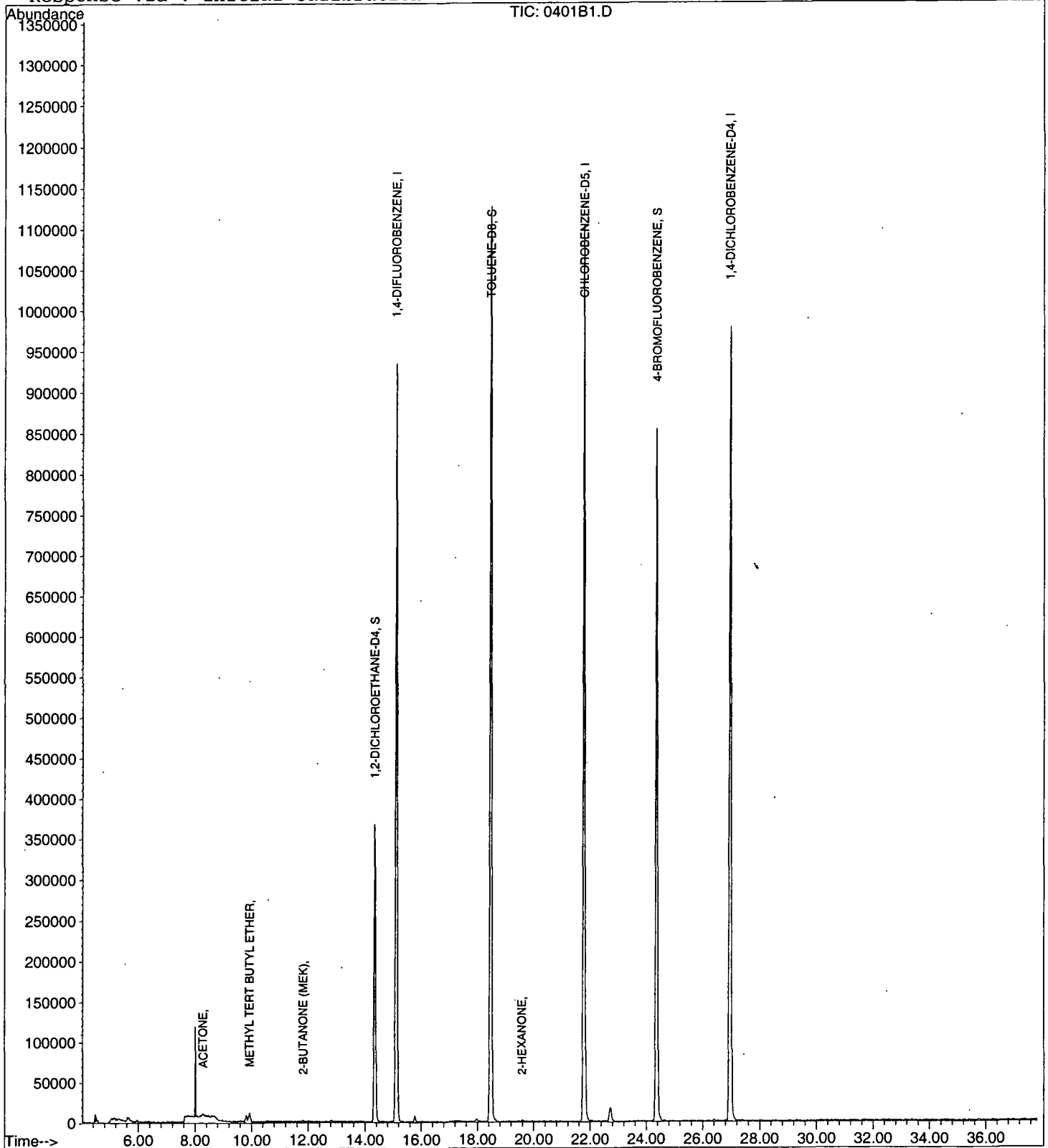
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\0401B1.D
Acq On : 1 Apr 2002 9:05 am
Sample : lab blank
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 1 9:43 2002

Vial: 1
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\02APR01\0401B1.D

Acq On : 1 Apr 2002 9:05 am

Sample : lab blank

Misc :

MS Integration Params: RTEINT.P

Vial: 1

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)

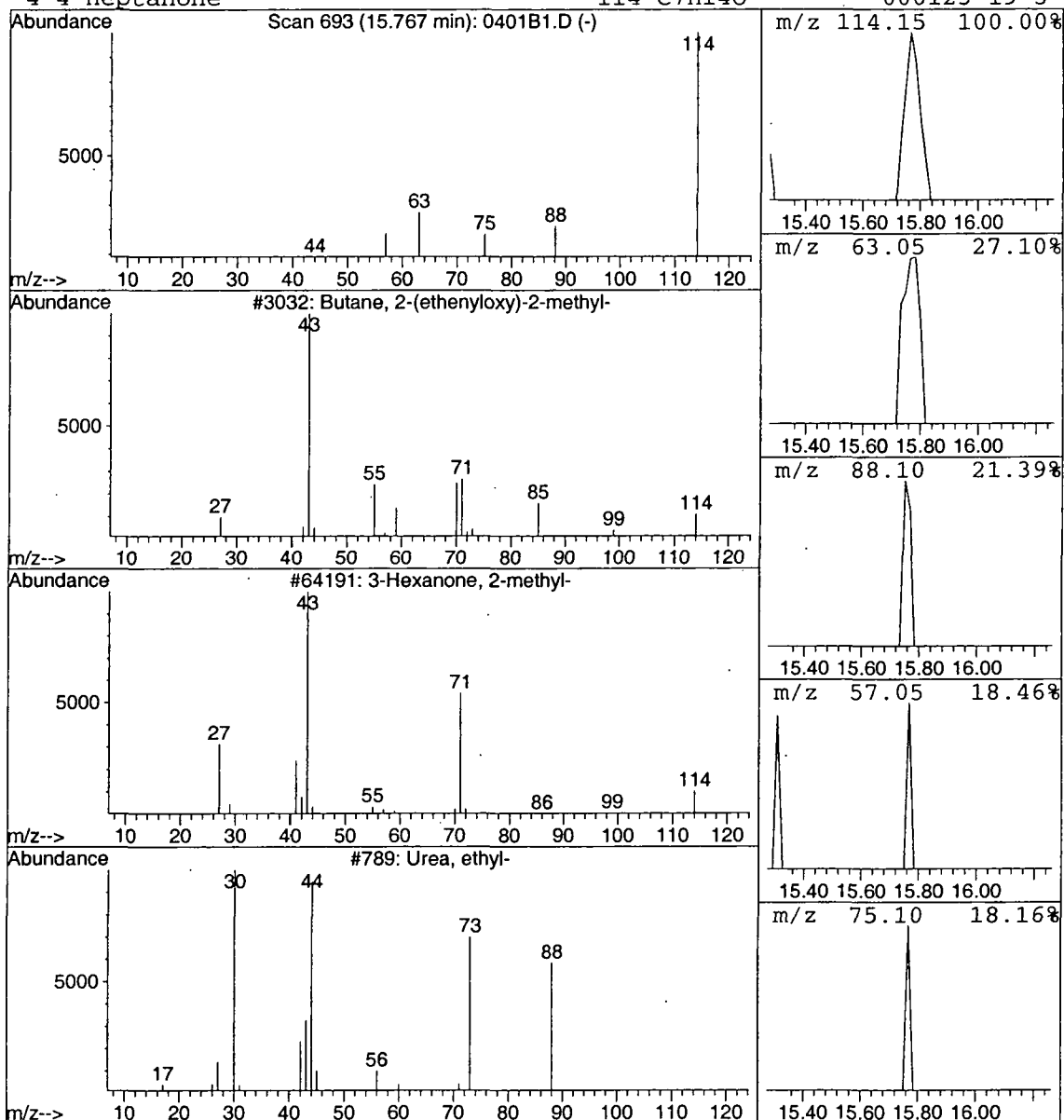
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	26164	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	5
2			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3			Urea, ethyl-	88	C3H8N2O	000625-52-5	4
4			4-Heptanone	114	C7H14O	000123-19-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR01\0401B1.D
 Acq On : 1 Apr 2002 9:05 am
 Sample : lab blank
 Misc :
 MS Integration Params: RTEINT.P

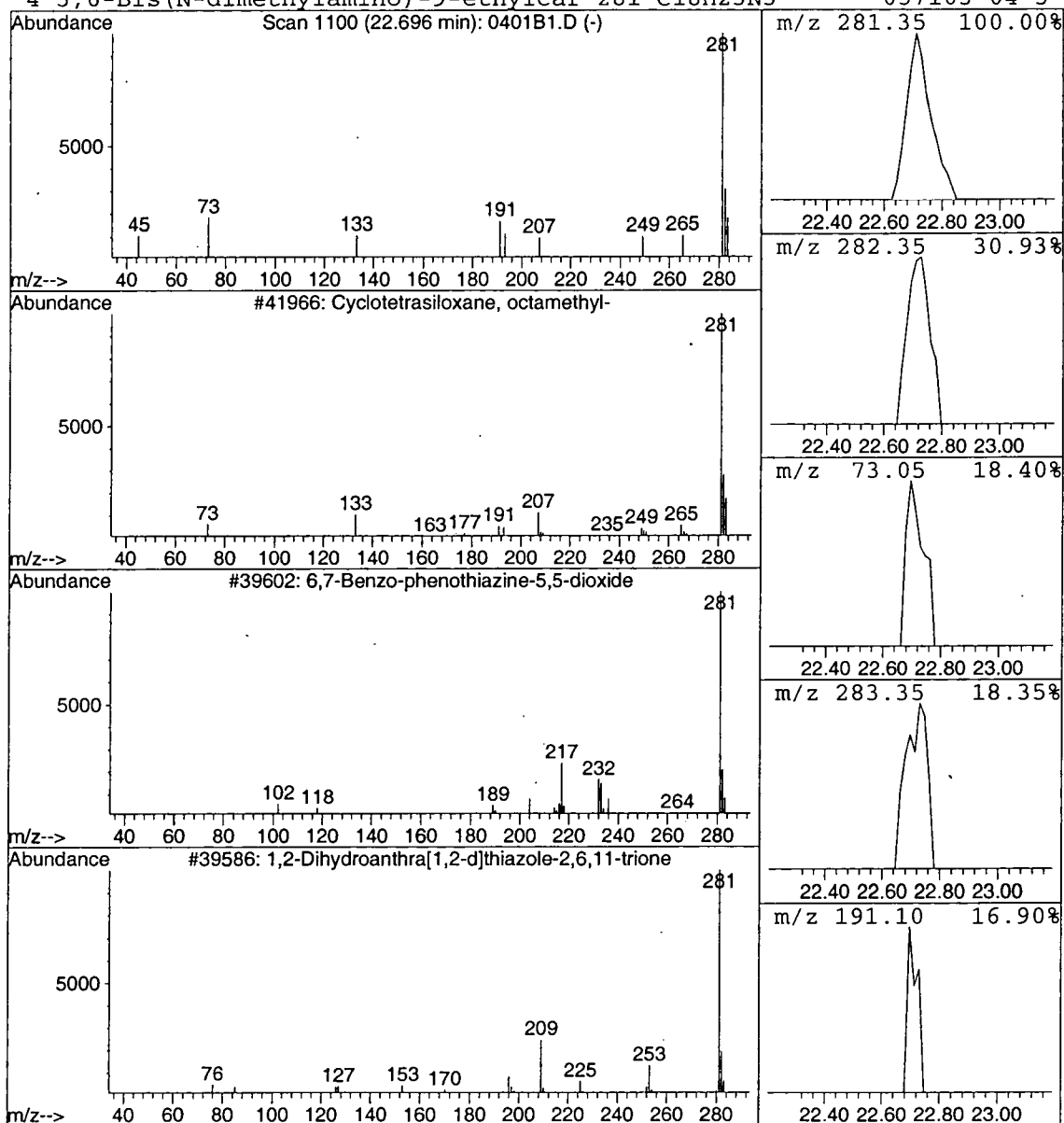
Vial: 1
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	0.11 ug/L	96797	CHLOROBENZENE-D5	21.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2			6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3			1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	9
4			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9



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 Date: 04/02/2002 Time: 14:32:57

Sample: AE07376
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 4/1/02 00:00 Ended: 4/1/02 00:00 Analyst: BH
 Result source: a:\0401c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.6		.5
2	Surr_4-BROMOFLUOROBENZE		4.9		.5
3	Dichlorodifluoromethane	USPEC	15		.5
4	Chloromethane		12		.5
5	Vinyl chloride	USPEC	14		.5
6	Bromomethane		7.4		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		13		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		9.4		.5
11	Methyl tert-butyl ether		8.8		1.0
12	trans-1,2-dichloroethene		9.9		.5
13	1,1-dichloroethane		9.5		.5
14	2-butanone (MEK)		33		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		9.5		.5
17	Chloroform		10		.5
18	Bromochloromethane		8.9		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1-trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		12		.5
24	Benzene		9.3		.5
25	Trichloroethene		9.8		.5
26	1,2-dichloropropane		8.9		.5
27	Dibromomethane		9.5		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		35		1.0
30	cis-1,3-dichloropropene		9.1		.5
31	Toluene		9.2		.5
32	trans-1,3-dichloropropene		9.5		.5
33	1,1,2-trichloroethane		8.8		.5
34	Tetrachloroethene		9.7		.5
35	1,3-dichloropropane		8.8		.5
36	Dibromochloromethane		9.6		2.0
37	Chlorobenzene		8.8		.5
38	1,1,1,2-tetrachloroethane		9.6		.5
39	Ethylbenzene		9.4		.5
40	P & M-xylene		18		.5
41	O-xylene		8.7		.5
42	Styrene		8.1		.5
43	1,1,2,2-tetrachloroethane		7.8		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		9.7		.5
46	1,2,3-trichloropropane		9.5		.5
47	N-propylbenzene		9.3		.5
48	Bromobenzene		9.6		.5

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Units: ug
Started: 4/1/02 00:00 Ended: 4/1/02 00:00 Analyst: BH
Result source: a:\0401c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.9		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		8.9		.5
52	TERT-butylbenzene		9.6		.5
53	1,2,4-trimethylbenzene		9.8		.5
54	SEC-butylbenzene		9.3		.5
55	P-isopropyltoluene		9.6		.5
56	1,3-dichlorobenzene		9.1		.5
57	1,4-dichlorobenzene		9.0		.5
58	N-butylbenzene		9.6		.5
59	1,2-dichlorobenzene		9.0		.5
60	1,2,4-trichlorobenzene		9.8		.5
61	Hexachlobutadiene		12		.5
62	Naphthalene		7.7		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10.D

Vial: 2

Acq On : 1 Apr 2002 10:09 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 10:47 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 15:03:13 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	1266272	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	1257577	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	594370	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	586384	5.62	ug/L	0.07
Spiked Amount 5.000			Recovery	=	112.40%	
3) 4-BROMOFLUOROBENZENE	24.38	174	503042	4.92	ug/L	0.09
Spiked Amount 5.000			Recovery	=	98.40%	
25) TOLUENE-D8	18.47	98	1511219	4.96	ug/L	0.07
Spiked Amount 5.000			Recovery	=	99.20%	
Target Compounds						
						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	575379	15.30	ug/L	97
5) CHLOROMETHANE	5.47	50	526590	11.61	ug/L	98
6) VINYL CHLORIDE	5.60	62	453895	14.18	ug/L	97
7) BROMOMETHANE	6.59	94	221016	7.35	ug/L	98
8) CHLOROETHANE	6.73	64	368579	11.87	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.30	101	795672	12.61	ug/L	94
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	10352	0.37	ug/L	86
12) ACETONE	8.26	43	303276	44.61	ug/L	97
13) 1,1-DICHLOROETHENE	8.62	61	833147	11.01	ug/L	98
14) METHYLENE CHLORIDE	9.62	49	631531	9.39	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	599960	8.83	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.28	61	749151	9.86	ug/L	97
17) 1,1-DICHLOROETHANE	11.19	63	829120	9.52	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	310192	33.31	ug/L	98
19) 2,2-DICHLOROPROPANE	12.39	77	740043	10.85	ug/L	94
20) CIS-1,2-DICHLOROETHENE	12.50	96	486658	9.51	ug/L	99
21) CHLOROFORM	12.82	83	948656	10.07	ug/L	99
22) BROMOCHLOROMETHANE	13.21	49	346637	8.87	ug/L	95
23) 1,2-DICHLOROETHANE	14.56	62	672521	10.33	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.72	97	797197	11.22	ug/L	99
27) 1,1-DICHLOROPROPENE	14.05	75	666524	10.21	ug/L	97
28) CARBON TETRACHLORIDE	14.30	117	711928	11.64	ug/L	98
29) BENZENE	14.64	78	1514198	9.31	ug/L	99
30) TRICHLOROETHENE	15.92	95	497182	9.78	ug/L	96
31) 1,2-DICHLOROPROPANE	16.28	63	377941	8.90	ug/L	99
32) DIBROMOMETHANE	16.96	174	228712	9.50	ug/L	95
33) BROMODICHLOROMETHANE	16.80	83	650853	10.12	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	142326	8.40	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.35	58	253695	34.98	ug/L	89
36) CIS-1,3-DICHLOROPROPENE	17.89	75	559457	9.08	ug/L	99
37) TOLUENE	18.64	91	1602913	9.20	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.93	75	431350	9.49	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.31	97	251866	8.76	ug/L	97
40) TETRACHLOROETHENE	20.11	166	501845	9.73	ug/L	97
41) 1,3-DICHLOROPROPANE	19.85	76	466130	8.79	ug/L	98
42) DIBROMOCHLOROMETHANE	20.53	129	355141	9.56	ug/L	100
43) 1,2-DIBROMOETHANE	20.99	107	261891	8.92	ug/L	96
44) CHLOROBENZENE	21.86	112	1031992	8.79	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	398816	9.62	ug/L	97
46) 2-HEXANONE	19.20	43	482065	35.91	ug/L	93
47) ETHYLBENZENE	21.91	91	1905898	9.40	ug/L	98

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

0401C10.D HP031802.M Mon Apr 01 10:47:55 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10.D

Vial: 2

Acq On : 1 Apr 2002 10:09 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 10:47 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 15:03:13 2002

Response via : Initial Calibration

DataAcq Meth : HP031802

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48) P & M-XYLENE	22.07	106	1242054	17.97	ug/L	91
49) O-XYLENE	23.05	91	1386353	8.71	ug/L	95
50) STYRENE	23.10	104	860056	8.14	ug/L	96
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	228303	7.84	ug/L	92
53) BROMOFORM	23.97	173	168593	10.61	ug/L	98
54) ISOPROPYLBENZENE	23.77	105	1546401	9.74	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.45	110	80710	9.48	ug/L	100
56) N-PROPYLBENZENE	24.64	91	1915414	9.29	ug/L	97
57) BROMOBENZENE	24.87	156	399034	9.56	ug/L	97
58) 1,3,5-TRIMETHYLBENZENE	24.96	105	1397398	9.93	ug/L	99
59) 2-CHLOROTOLUENE	25.13	91	1412066	9.95	ug/L	96
60) 4-CHLOROTOLUENE	25.20	91	1092933	8.95	ug/L	97
61) TERT-BUTYLBENZENE	25.74	119	1230789	9.58	ug/L	94
62) 1,2,4-TRIMETHYLBENZENE	25.84	105	1447496	9.83	ug/L	94
63) SEC-BUTYLBENZENE	26.20	105	1639184	9.29	ug/L	96
64) P-ISOPROPYLTOLUENE	26.47	119	1323701	9.61	ug/L	96
65) 1,3-DICHLOROBENZENE	26.83	146	726770	9.13	ug/L	98
66) 1,4-DICHLOROBENZENE	27.04	146	739801	8.99	ug/L	99
67) N-BUTYLBENZENE	27.36	91	1340293	9.57	ug/L	99
68) 1,2-DICHLOROBENZENE	27.90	146	616384	9.05	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	34449	8.20	ug/L	96
70) 1,2,4-TRICHLOROBENZENE	31.97	180	422016	9.81	ug/L	97
71) HEXACHLOROBUTADIENE	32.28	225	270692	12.17	ug/L	95
72) NAPHTHALENE	32.82	128	406493	7.70	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.54	180	336672	10.01	ug/L	98
74) NITROBENZENE	29.90	77	173019	162.00	ug/L	92

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

0401C10.D HP031802.M

Mon Apr 01 10:47:57 2002

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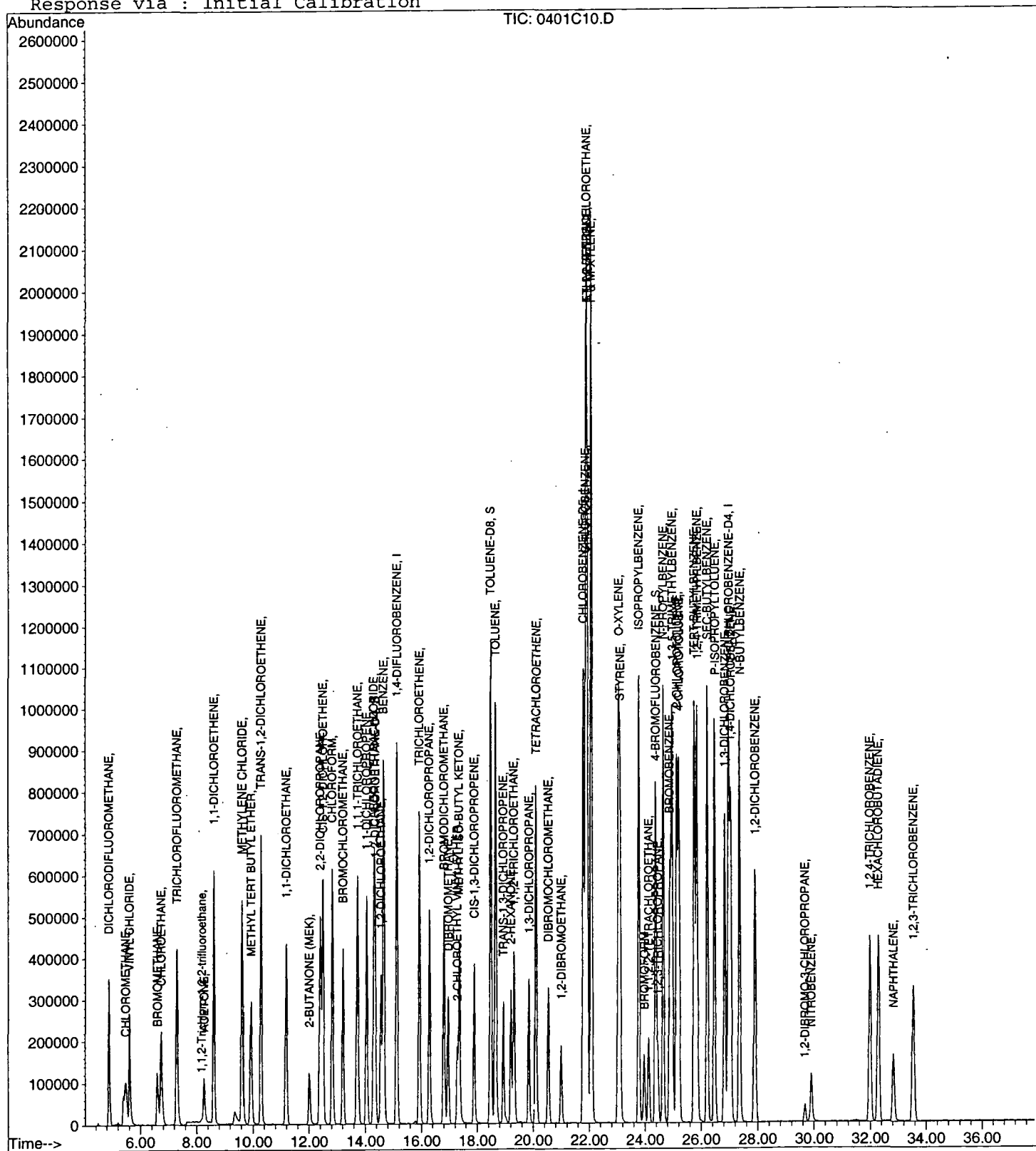
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10.D
 Acq On : 1 Apr 2002 10:09 am
 Sample : cal 10
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Apr 1 10:47 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 Mar 28 14:51:00 2002
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:19:51

Sample: AE07376
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 4/1/02 00:02 Ended: 4/1/02 00:02 Analyst: BH
 Result source: a:\0401r5.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.7		
2	4-BROMOFLUOROBENZENE		4.8		
3	DICHLORODIFLUOROMETHAN		5.2		.5
4	CHLOROMETHANE		3.9		.5
5	VINYL CHLORIDE		6.1		.5
6	BROMOMETHANE		4.6		.5
7	CHLOROETHANE		5.1		.5
8	TRICHLOROFLUOROMETHANE		5.0		.5
9	ACETONE		9.4		.5
10	1,1-DICHLOROETHENE		5.2		.5
11	METHYLENE CHLORIDE		5.0		.5
12	METHYL TERT BUTYL ETHER		4.9		1
13	TRANS-1,2-DICHLOROETHEN		4.9		.5
14	1,1-DICHLOROETHANE		5.0		.5
15	2-BUTANONE (MEK)		5.1		.5
16	2,2-DICHLOROPROPANE		5.6		.5
17	CIS-1,2-DICHLOROETHENE		4.9		.5
18	CHLOROFORM		5.3		.5
19	BROMOCHLOROMETHANE		4.7		.5
20	1,2-DICHLOROETHANE		5.6		.5
21	TOLUENE-D8		4.9		
22	1,1,1-TRICHLOROETHANE		6.1		.5
23	1,1-DICHLOROPROPENE		5.7		.5
24	CARBON TETRACHLORIDE		6.2		.5
25	BENZENE		5.4		.5
26	TRICHLOROETHENE		5.7		.5
27	1,2-DICHLOROPROPANE		5.2		.5
28	DIBROMOMETHANE		5.2		.5
29	BROMODICHLOROMETHANE		5.2		.5
30	2-CHLOROETHYL VINYL ETHE		3.7		.5
31	METHYL ISO-BUTYL KETONE		4.1		1
32	CIS-1,3-DICHLOROPROPENE		4.7		.5
33	TOLUENE		4.8		.5
34	TRANS-1,3-DICHLOROPROPE		5.2		.5
35	1,1,2-TRICHLOROETHANE		4.8		.5
36	TETRACHLOROETHENE		5.0		.5
37	1,3-DICHLOROPROPANE		4.8		.5
38	DIBROMOCHLOROMETHANE		5.0		2
39	1,2-DIBROMOETHANE		4.7		.5
40	CHLOROBENZENE		4.7		.5
41	1,1,1,2-TETRACHLOROETHA		5.1		.5
42	2-HEXANONE		4.4		.5
43	ETHYLBENZENE		5.0		.5
44	P & M-XYLENE		9.8		.5
45	O-XYLENE		4.9		.5
46	STYRENE		4.9		.5
47	1,1,2,2-TETRACHLOROETHA		4.5		.5
48	BROMOFORM		5.1		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:19:51

Sample: AE07376
Analysis: \$RE524 Reference recovery for 524
Units: ug
Started: 4/1/02 00:02 Ended: 4/1/02 00:02 Analyst: BH
Result source: a:\0401r5.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.9		.5
50	1,2,3-TRICHLOROPROPANE		5.1		.5
51	N-PROPYLBENZENE		4.6		.5
52	BROMOBENZENE		5.0		.5
53	1,3,5-TRIMETHYLBENZENE		5.1		.5
54	2-CHLOROTOLUENE		4.6		.5
55	4-CHLOROTOLUENE		5.3		.5
56	TERT-BUTYLBENZENE		4.8		.5
57	1,2,4-TRIMETHYLBENZENE		5.0		.5
58	SEC-BUTYLBENZENE		4.8		.5
59	P-ISOPROPYLTOLUENE		5.1		.5
60	1,3-DICHLOROBENZENE		4.9		.5
61	1,4-DICHLOROBENZENE		4.7		.5
62	N-BUTYLBENZENE		5.0		.5
63	1,2-DICHLOROBENZENE		4.8		.5
64	1,2-DIBROMO-3-CHLOROPRO		4.2		.5
65	1,2,4-TRICHLOROBENZENE		5.2		.5
66	HEXACHLOROBUTADIENE		6.5		.5
67	NAPHTHALENE		4.5		.5
68	1,2,3-TRICHLOROBENZENE		5.5		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		89		5.0

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:20:13

Sample: AE07376
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 4/2/02 14:19 Ended: 4/2/02 14:19 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		.5
3	Dichlorodifluoromethane		104		.5
4	Chloromethane		78		.5
5	Vinyl chloride		122		.5
6	Bromomethane		92		.5
7	Chloroethane		102		.5
8	Trichlorofluoromethane		100		.5
9	1,1-Dichloroethene		104		.5
10	Methylene Chloride		100		.5
11	Methyl tert butyl ether		98		1.0
12	trans-1,2-dichloroethene		98		.5
13	1,1-dichloroethane		100		.5
14	2-butanone (MEK)		102		2.0
15	2,2-dichloropropane		112		.5
16	cis-1,2-dichloroethene		98		.5
17	Chloroform		106		.5
18	Bromochloromethane		94		.5
19	1,2-dichloroethane		112		.5
20	Surr - TOLUENE-D8		4.9		.5
21	1,1,1-trichloroethane		122		.5
22	1,1-dichloropropene		114		.5
23	Carbon tetrachloride		124		.5
24	Benzene		108		.5
25	Trichloroethene		114		.5
26	1,2-dichloropropane		104		.5
27	Dibromomethane		104		.5
28	Bromodichloromethane		104		.5
29	Methyl iso-butyl ketone		82		1.0
30	cis-1,3-dichloropropene		94		.5
31	Toluene		96		.5
32	trans-1,3-dichloropropene		104		.5
33	1,1,2-trichloroethane		96		.5
34	Tetrachloroethene		100		.5
35	1,3-dichloropropane		96		.5
36	Dibromochloromethane		100		2.0
37	Chlorobenzene		94		.5
38	1,1,1,2-tetrachloroethane		102		.5
39	Ethylbenzene		100		.5
40	P & M-xylene		98		.5
41	O-xylene		98		.5
42	Styrene		98		.5
43	1,1,2,2-tetrachloroethane		90		.5
44	Bromoform		102		2.0
45	Isopropylbenzene		98		.5
46	1,2,3-trichloropropane		102		.5
47	N-propylbenzene		92		.5
48	Bromobenzene		100		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:20:13

Sample: AE07376
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/2/02 14:19 Ended: 4/2/02 14:19 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		102		.5
50	2-chlorotoluene		92		.5
51	4-chlorotoluene		106		.5
52	TERT-butylbenzene		96		.5
53	1,2,4-trimethylbenzene		100		.5
54	SEC-butylbenzene		96		.5
55	P-isopropyltoluene		102		.5
56	1,3-dichlorobenzene		98		.5
57	1,4-dichlorobenzene		94		.5
58	N-butylbenzene		100		.5
59	1,2-dichlorobenzene		96		.5
60	1,2,4-trichlorobenzene		104		.5
61	Hexachlorobutadiene		130		.5
62	Naphthalene		90		.5
63	1,2,3-trichlorobenzene		110		.5
64	Ethanol				
65	Nitrobenzene		89		5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401R5.D

Vial: 1

Acq On : 1 Apr 2002 12:40 pm

Operator: 201-wb

Sample : ref 5

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 13:19 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 15:03:13 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	1539267	5.00	ug/L	0.07
24) CHLOROBEZENE-D5	21.78	117	1390134	5.00	ug/L	0.07
52) 1,4-DICHLOROBEZENE-D4	26.97	152	746249	5.00	ug/L	0.09

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.35	65	717095	5.65	ug/L	0.07
Spiked Amount	5.000		Recovery	=	113.00%	
3) 4-BROMOFLUOROBENZENE	24.36	174	594018	4.78	ug/L	0.07
Spiked Amount	5.000		Recovery	=	95.60%	
25) TOLUENE-D8	18.47	98	1643726	4.88	ug/L	0.07
Spiked Amount	5.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	237598	5.20	ug/L	99
5) CHLOROMETHANE	5.47	50	210480	3.89	ug/L	95
6) VINYL CHLORIDE	5.61	62	237705	6.11	ug/L	94
7) BROMOMETHANE	6.60	94	68121	1.86	ug/L	100
8) CHLOROETHANE	6.73	64	192487	5.10	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.28	101	382417	4.98	ug/L	95
12) ACETONE	8.26	43	77691	9.40	ug/L	89
13) 1,1-DICHLOROETHENE	8.60	61	478092	5.20	ug/L	94
14) METHYLENE CHLORIDE	9.60	49	411706	5.04	ug/L	96
15) METHYL TERT BUTYL ETHER	9.93	73	404918	4.90	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.28	61	454828	4.92	ug/L	99
17) 1,1-DICHLOROETHANE	11.17	63	525543	4.96	ug/L	98
18) 2-BUTANONE (MEK)	12.00	43	57528	5.08	ug/L	96
19) 2,2-DICHLOROPROPANE	12.40	77	450361	5.56	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.48	96	302432	4.86	ug/L	96
21) CHLOROFORM	12.82	83	603413	5.27	ug/L	97
22) BROMOCHLOROMETHANE	13.20	49	224366	4.72	ug/L	90
23) 1,2-DICHLOROETHANE	14.54	62	441448	5.58	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.71	97	479888	6.11	ug/L	97
27) 1,1-DICHLOROPROPENE	14.05	75	409026	5.67	ug/L	97
28) CARBON TETRACHLORIDE	14.30	117	419072	6.20	ug/L	96
29) BENZENE	14.64	78	978795	5.44	ug/L	96
30) TRICHLOROETHENE	15.92	95	318958	5.68	ug/L	97
31) 1,2-DICHLOROPROPANE	16.28	63	244133	5.20	ug/L	97
32) DIBROMOMETHANE	16.96	174	137986	5.18	ug/L	86
33) BROMODICHLOROMETHANE	16.79	83	370698	5.21	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	68768	3.67	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.37	58	32525	4.06	ug/L	100
36) CIS-1,3-DICHLOROPROPENE	17.89	75	322039	4.73	ug/L	97
37) TOLUENE	18.64	91	933472	4.85	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	259260	5.16	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.31	97	152920	4.81	ug/L	95
40) TETRACHLOROETHENE	20.09	166	282467	4.95	ug/L	98
41) 1,3-DICHLOROPROPANE	19.84	76	282171	4.81	ug/L	98
42) DIBROMOCHLOROMETHANE	20.53	129	206633	5.03	ug/L	95
43) 1,2-DIBROMOETHANE	20.99	107	153029	4.72	ug/L	99
44) CHLOROBEZENE	21.86	112	608868	4.69	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	233745	5.10	ug/L	95
46) 2-HEXANONE	19.21	43	65022	4.38	ug/L	93
47) ETHYLBENZENE	21.90	91	1130840	5.05	ug/L	99
48) P & M-XYLENE	22.07	106	746710	9.78	ug/L	87

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

0401R5.D HP031802.M Mon Apr 01 13:19:21 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401R5.D

Vial: 1

Acq On : 1 Apr 2002 12:40 pm

Operator: 201-wb

Sample : ref 5

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 13:19 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 15:03:13 2002

Response via : Initial Calibration

DataAcq Meth : HP031802

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49) O-XYLENE	23.04	91	871211	4.95	ug/L	95
50) STYRENE	23.09	104	571614	4.90	ug/L	95
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	143812	4.47	ug/L	97
53) BROMOFORM	23.96	173	100774	5.05	ug/L	97
54) ISOPROPYLBENZENE	23.77	105	971928	4.88	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.45	110	54895	5.09	ug/L	97
56) N-PROPYLBENZENE	24.64	91	1195666	4.62	ug/L	98
57) BROMOBENZENE	24.87	156	261503	4.99	ug/L	99
58) 1,3,5-TRIMETHYLBENZENE	24.94	105	898008	5.08	ug/L	97
59) 2-CHLOROTOLUENE	25.11	91	823737	4.62	ug/L	97
60) 4-CHLOROTOLUENE	25.18	91	812070	5.30	ug/L	98
61) TERT-BUTYLBENZENE	25.74	119	778698	4.83	ug/L	94
62) 1,2,4-TRIMETHYLBENZENE	25.83	105	915640	4.95	ug/L	95
63) SEC-BUTYLBENZENE	26.20	105	1057218	4.77	ug/L	97
64) P-ISOPROPYLTOLUENE	26.46	119	873627	5.05	ug/L	96
65) 1,3-DICHLOROBENZENE	26.82	146	486782	4.87	ug/L	97
66) 1,4-DICHLOROBENZENE	27.04	146	485499	4.70	ug/L	99
67) N-BUTYLBENZENE	27.34	91	872760	4.97	ug/L	97
68) 1,2-DICHLOROBENZENE	27.89	146	408923	4.78	ug/L	96
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	21927	4.21	ug/L	94
70) 1,2,4-TRICHLOROBENZENE	31.97	180	278208	5.15	ug/L	97
71) HEXACHLOROBUTADIENE	32.28	225	182334	6.53	ug/L	96
72) NAPHTHALENE	32.83	128	296512	4.47	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.52	180	230265	5.45	ug/L	98
74) NITROBENZENE	29.90	77	100997	89.37	ug/L	89

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

0401R5.D HP031802.M Mon Apr 01 13:19:23 2002

Page 2

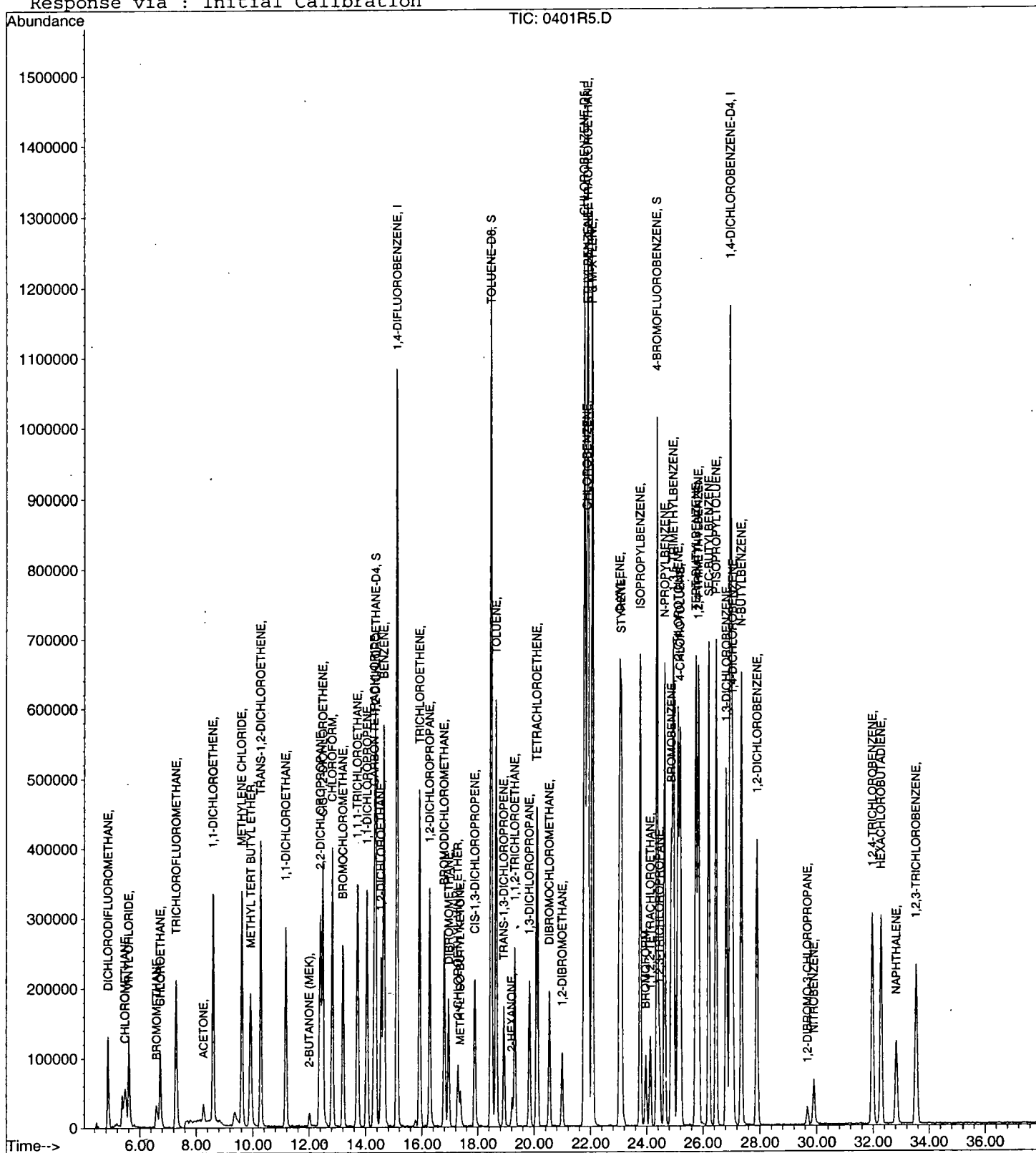
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\0401R5.D
Acq On : 1 Apr 2002 12:40 pm
Sample : ref 5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 1 13:19 2002 Qu

Vial: 1
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
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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401R5A.D

Vial: 2

Acq On : 1 Apr 2002 2:41 pm

Operator: 201-wb

Sample : ref 5, gases only

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 15:20 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 15:03:13 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	1407643	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.78	117	1268592	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	633427	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	637011	5.49	ug/L	0.05
Spiked Amount 5.000			Recovery	=	109.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	528831	4.65	ug/L	0.07
Spiked Amount 5.000			Recovery	=	93.00%	
25) TOLUENE-D8	18.46	98	1643322	5.35	ug/L	0.05
Spiked Amount 5.000			Recovery	=	107.00%	
Target Compounds						
4) DICHLORODIFLUOROMETHANE	4.86	85	291202	6.96	ug/L	98
5) CHLOROMETHANE	5.47	50	280735	5.63	ug/L	100
6) VINYL CHLORIDE	5.60	62	330954	9.30	ug/L	99
7) BROMOMETHANE	6.59	94	151976	4.55	ug/L	96
8) CHLOROETHANE	6.73	64	256351	7.43	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.28	101	508376	7.25	ug/L	95
12) ACETONE	8.26	43	8891	1.18	ug/L	53
15) METHYL TERT BUTYL ETHER	9.91	73	28231	0.37	ug/L	97
18) 2-BUTANONE (MEK)	11.97	43	3364	0.32	ug/L	54
21) CHLOROFORM	12.80	83	7953	0.08	ug/L	87
29) BENZENE	14.64	78	10039	0.06	ug/L	82
30) TRICHLOROETHENE	15.90	95	3806	0.07	ug/L	80
33) BROMODICHLOROMETHANE	16.79	83	4657	0.07	ug/L	85
35) METHYL ISO-BUTYL KETONE	17.37	58	807	0.11	ug/L	38
37) TOLUENE	18.64	91	12612	0.07	ug/L	89
46) 2-HEXANONE	19.21	43	2540	0.19	ug/L	27
47) ETHYLBENZENE	21.90	91	12592	0.06	ug/L	99
48) P & M-XYLENE	22.07	106	5905	0.08	ug/L	92
56) N-PROPYLBENZENE	24.62	91	11068	0.05	ug/L	95
65) 1,3-DICHLOROBENZENE	26.82	146	4627	0.05	ug/L	72
66) 1,4-DICHLOROBENZENE	27.02	146	5474	0.06	ug/L	85

gases only

(#) = qualifier out of range (m) = manual integration
0401R5A.D HP031802.M Mon Apr 01 15:20:27 2002

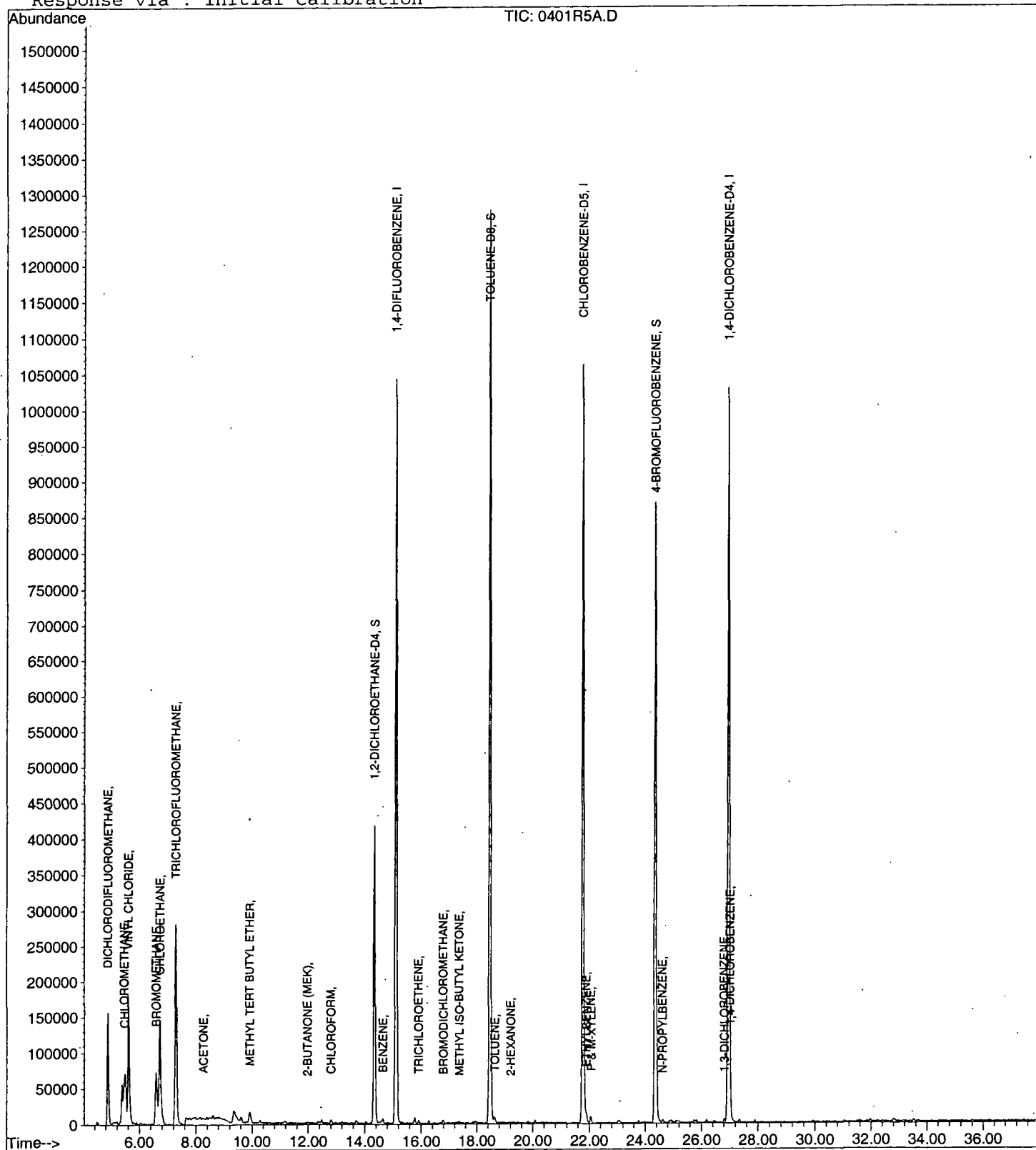
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\0401R5A.D
Acq On : 1 Apr 2002 2:41 pm
Sample : ref 5, gases only
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 1 15:20 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 Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:33:09

Sample: AE07376
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 4/1/02 00:08 Ended: 4/1/02 00:08 Analyst: BH
 Result source: a:\0401c10a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		5.6		.5
3	Dichlorodifluoromethane	USPEC	14		.5
4	Chloromethane		12		.5
5	Vinyl chloride	USPEC	14		.5
6	Bromomethane		11		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether (MTBE)		9.5		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		35		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		11		.5
18	Bromochloromethane		9.9		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1-trichloroethane		11		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		12		.5
24	Benzene		9.9		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		9.6		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		36		1.0
30	cis-1,3-dichloropropene		9.6		.5
31	Toluene		9.9		.5
32	trans-1,3-dichloropropene		9.8		.5
33	1,1,2-trichloroethane		9.2		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		9.6		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.6		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.8		.5
43	1,1,2,2-tetrachloroethane		8.7		.5
44	Bromoform		10		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		9.2		.5
47	N-propylbenzene		9.7		.5
48	Bromobenzene		10		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:33:09

Sample: AE07376
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/1/02 00:08 Ended: 4/1/02 00:08 Analyst: BH
Result source: a:\0401c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		9.5		.5
52	TERT-butylbenzene		9.9		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		9.5		.5
55	P-isopropyltoluene		9.7		.5
56	1,3-dichlorobenzene		9.6		.5
57	1,4-dichlorobenzene		9.3		.5
58	N-butylbenzene		9.6		.5
59	1,2-dichlorobenzene		9.4		.5
60	1,2,4-trichlorobenzene		9.8		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		7.9		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		140		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10A.D

Vial: 2

Acq On : 1 Apr 2002 8:29 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 21:07 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 15:03:13 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	1271240	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.76	117	1298466	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.93	152	697869	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	610946	5.83	ug/L	0.05
Spiked Amount 5.000			Recovery	=	116.60%	
3) 4-BROMOFLUOROBENZENE	24.35	174	571803	5.57	ug/L	0.05
Spiked Amount 5.000			Recovery	=	111.40%	
25) TOLUENE-D8	18.46	98	1526588	4.85	ug/L	0.05
Spiked Amount 5.000			Recovery	=	97.00%	
Target Compounds						
						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	544985	14.43	ug/L	98
5) CHLOROMETHANE	5.46	50	526935	11.58	ug/L	98
6) VINYL CHLORIDE	5.59	62	447680	13.93	ug/L	94
7) BROMOMETHANE	6.58	94	342703	11.36	ug/L	98
8) CHLOROETHANE	6.71	64	369670	11.86	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.27	101	752052	11.87	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.16	101	11220	0.40	ug/L	99
12) ACETONE	8.24	43	284514	41.68	ug/L	98
13) 1,1-DICHLOROETHENE	8.60	61	843694	11.11	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	692345	10.26	ug/L	98
15) METHYL TERT BUTYL ETHER	9.91	73	644785	9.45	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.27	61	824814	10.81	ug/L	96
17) 1,1-DICHLOROETHANE	11.15	63	912047	10.43	ug/L	98
18) 2-BUTANONE (MEK)	11.99	43	324230	34.68	ug/L	94
19) 2,2-DICHLOROPROPANE	12.38	77	721913	10.55	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.46	96	538131	10.47	ug/L	96
21) CHLOROFORM	12.80	83	1060749	11.22	ug/L	96
22) BROMOCHLOROMETHANE	13.18	49	389102	9.91	ug/L	92
23) 1,2-DICHLOROETHANE	14.52	62	744532	11.39	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.71	97	840764	11.46	ug/L	98
27) 1,1-DICHLOROPROPENE	14.03	75	716755	10.63	ug/L	99
28) CARBON TETRACHLORIDE	14.29	117	746640	11.83	ug/L	100
29) BENZENE	14.63	78	1666214	9.92	ug/L	99
30) TRICHLOROETHENE	15.90	95	545080	10.38	ug/L	97
31) 1,2-DICHLOROPROPANE	16.26	63	420898	9.60	ug/L	98
32) DIBROMOMETHANE	16.92	174	250886	10.09	ug/L	95
33) BROMODICHLOROMETHANE	16.77	83	716361	10.79	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	153813	8.79	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.33	58	270832	36.17	ug/L	88
36) CIS-1,3-DICHLOROPROPENE	17.86	75	612269	9.63	ug/L	96
37) TOLUENE	18.63	91	1786009	9.93	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	458413	9.77	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.29	97	273329	9.20	ug/L	97
40) TETRACHLOROETHENE	20.07	166	549335	10.31	ug/L	98
41) 1,3-DICHLOROPROPANE	19.82	76	522826	9.55	ug/L	99
42) DIBROMOCHLOROMETHANE	20.52	129	384884	10.03	ug/L	96
43) 1,2-DIBROMOETHANE	20.96	107	284851	9.40	ug/L	99
44) CHLOROBENZENE	21.84	112	1163597	9.60	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	442125	10.33	ug/L	96
46) 2-HEXANONE	19.17	43	505254	36.45	ug/L	93
47) ETHYLBENZENE	21.88	91	2137621	10.22	ug/L	98

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

0401C10A.D HP031802.M Mon Apr 01 21:07:50 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10A.D

Vial: 2

Acq On : 1 Apr 2002 8:29 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 21:07 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 15:03:13 2002

Response via : Initial Calibration

DataAcq Meth : HP031802

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48) P & M-XYLENE	22.03	106	1399683	19.62	ug/L	86
49) O-XYLENE	23.02	91	1693777	10.30	ug/L	96
50) STYRENE	23.07	104	1071856	9.83	ug/L	96
51) 1,1,2,2-TETRACHLOROETHANE	24.09	83	262800	8.74	ug/L	95
53) BROMOFORM	23.94	173	190934	10.24	ug/L	98
54) ISOPROPYLBENZENE	23.73	105	1885162	10.12	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.41	110	91739	9.18	ug/L	95
56) N-PROPYLBENZENE	24.60	91	2351206	9.71	ug/L	97
57) BROMOBENZENE	24.86	156	490117	10.00	ug/L	97
58) 1,3,5-TRIMETHYLBENZENE	24.93	105	1695712	10.26	ug/L	95
59) 2-CHLOROTOLUENE	25.08	91	1743965	10.47	ug/L	94
60) 4-CHLOROTOLUENE	25.16	91	1363855	9.51	ug/L	98
61) TERT-BUTYLBENZENE	25.71	119	1500488	9.95	ug/L	90
62) 1,2,4-TRIMETHYLBENZENE	25.81	105	1750415	10.12	ug/L	99
63) SEC-BUTYLBENZENE	26.17	105	1969258	9.51	ug/L	96
64) P-ISOPROPYLTOLUENE	26.42	119	1562789	9.66	ug/L	94
65) 1,3-DICHLOROBENZENE	26.80	146	894215	9.57	ug/L	99
66) 1,4-DICHLOROBENZENE	27.00	146	903754	9.35	ug/L	98
67) N-BUTYLBENZENE	27.33	91	1583268	9.63	ug/L	99
68) 1,2-DICHLOROBENZENE	27.85	146	754640	9.44	ug/L	96
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	39269	7.96	ug/L	99
70) 1,2,4-TRICHLOROBENZENE	31.94	180	496736	9.83	ug/L	96
71) HEXACHLOROBUTADIENE	32.25	225	299458	11.47	ug/L	98
72) NAPHTHALENE	32.77	128	490843	7.92	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.49	180	394579	9.99	ug/L	98
74) NITROBENZENE	29.86	77	175967	143.84	ug/L	91

(#) = qualifier out of range (m) = manual integration
0401C10A.D HP031802.M Mon Apr 01 21:07:52 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10A.D

Vial: 2

Acq On : 1 Apr 2002 8:29 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Results File: HP031802.RES

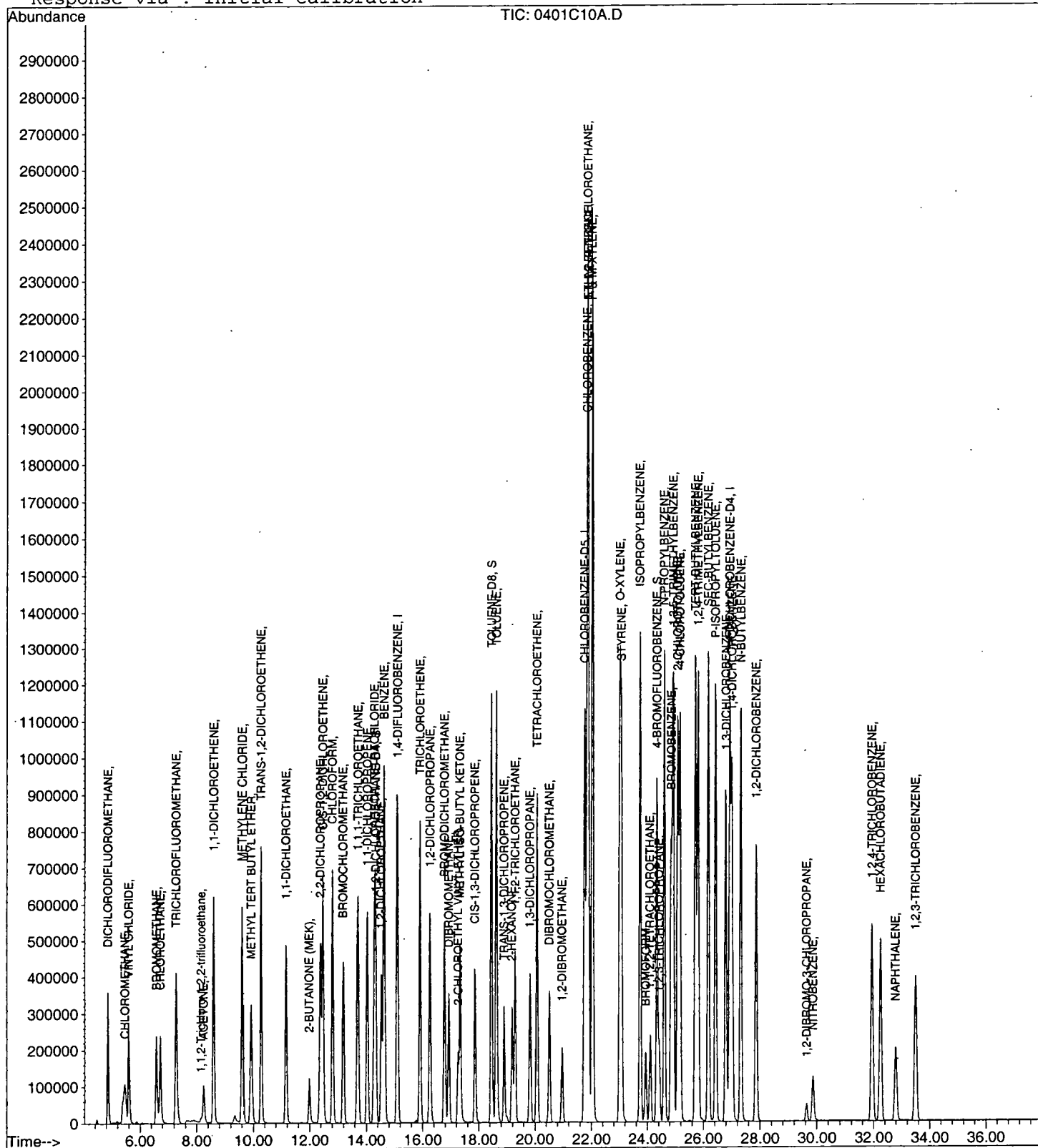
Quant Time: Apr 1 21:07 2002

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



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401B2.D

Vial: 3

Acq On : 1 Apr 2002 9:12 pm

Operator: 201-wb

Sample : 1b

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 21:50 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 15:03:13 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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\0401B2.D

Vial: 3

Acq On : 1 Apr 2002 9:12 pm

Operator: 201-wb

Sample : 1b

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 21:50 2002

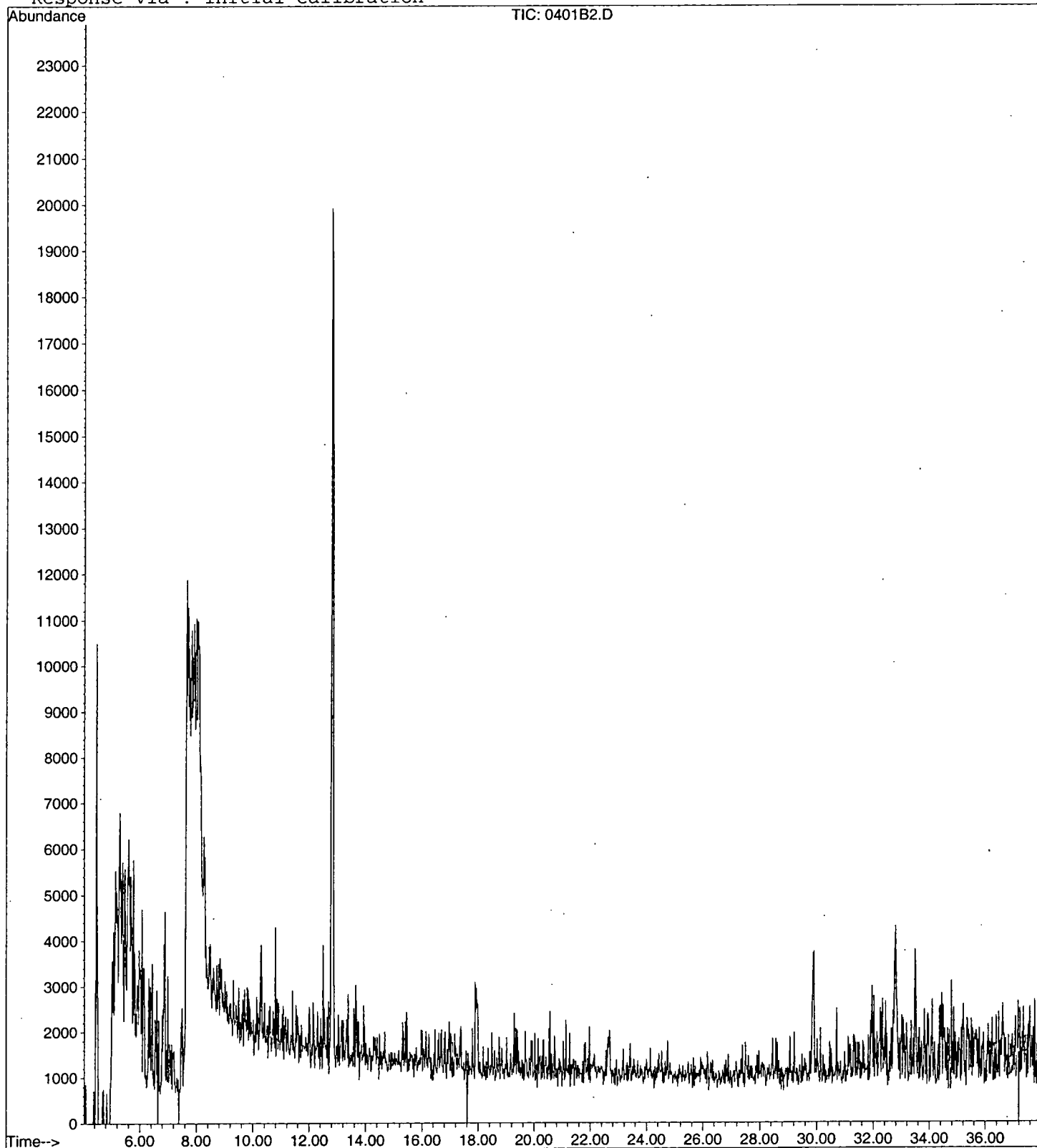
Quant Results File: HP031802.RES

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:33:50

Sample: AE07376
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 4/1/02 00:09 Ended: 4/1/02 00:09 Analyst: BH
 Result source: a:\7376.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		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		5.0		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: 04/02/2002 Time: 14:33:50

Sample: AE07376
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/1/02 00:09 Ended: 4/1/02 00:09 Analyst: BH
Result source: a:\7376.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\02apr01\7376.D Vial: 4
Acq On : 1 Apr 2002 9:55 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 1 22:33 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 15:03:13 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	1286901	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	1250486	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.94	152	597607	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	597201	5.63	ug/L	0.04
Spiked Amount 5.000			Recovery	=	112.60%	
3) 4-BROMOFLUOROBENZENE	24.33	174	501871	4.83	ug/L	0.04
Spiked Amount 5.000			Recovery	=	96.60%	
25) TOLUENE-D8	18.44	98	1525207	5.04	ug/L	0.04
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						
12) ACETONE	8.24	43	45884	6.64	ug/L	93
18) 2-BUTANONE (MEK)	11.99	43	1513	0.16	ug/L	54

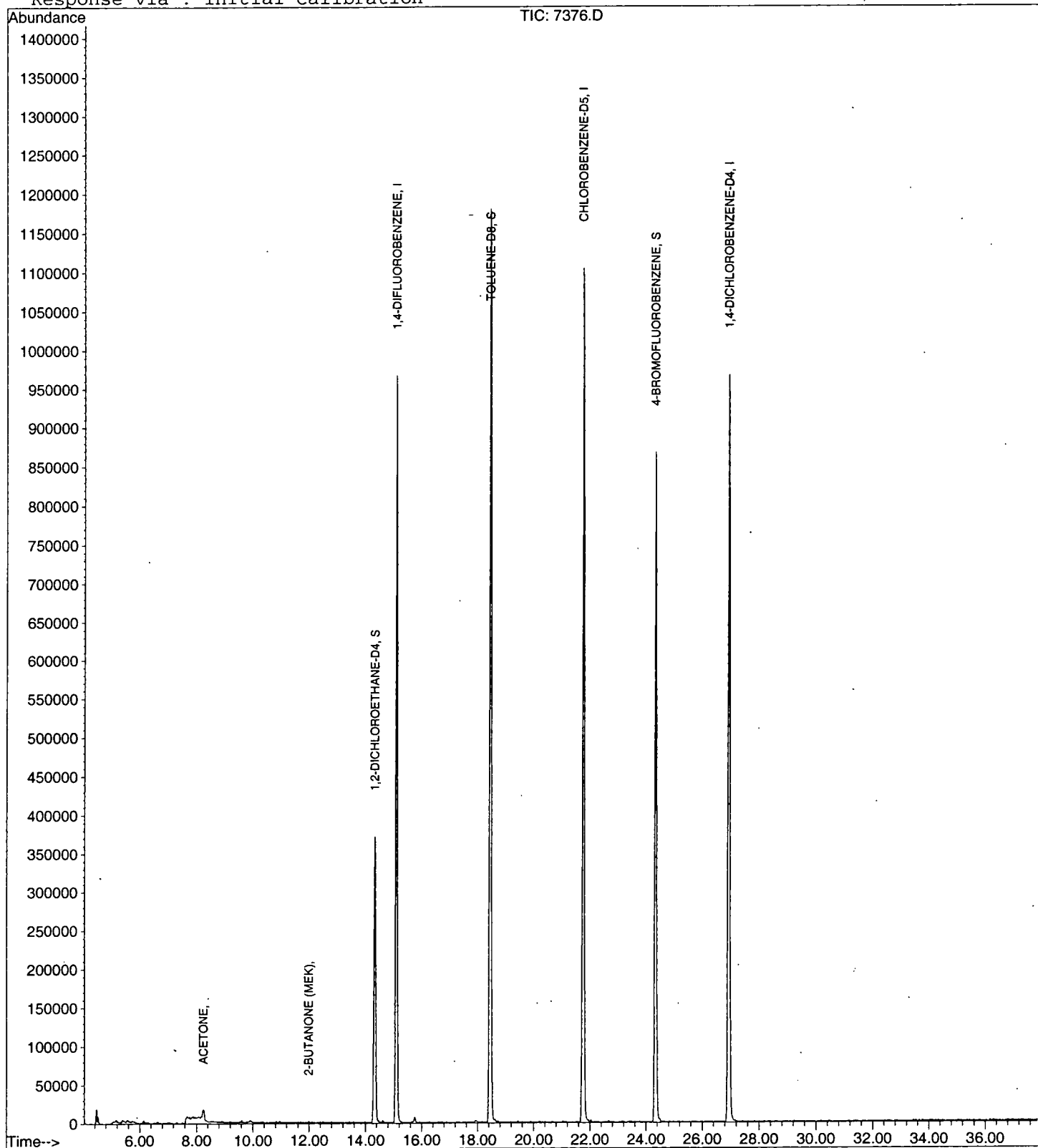
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7376.D
Acq On : 1 Apr 2002 9:55 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 1 22:33 2002

Vial: 4
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\02APR01\7376.D
Acq On : 1 Apr 2002 9:55 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

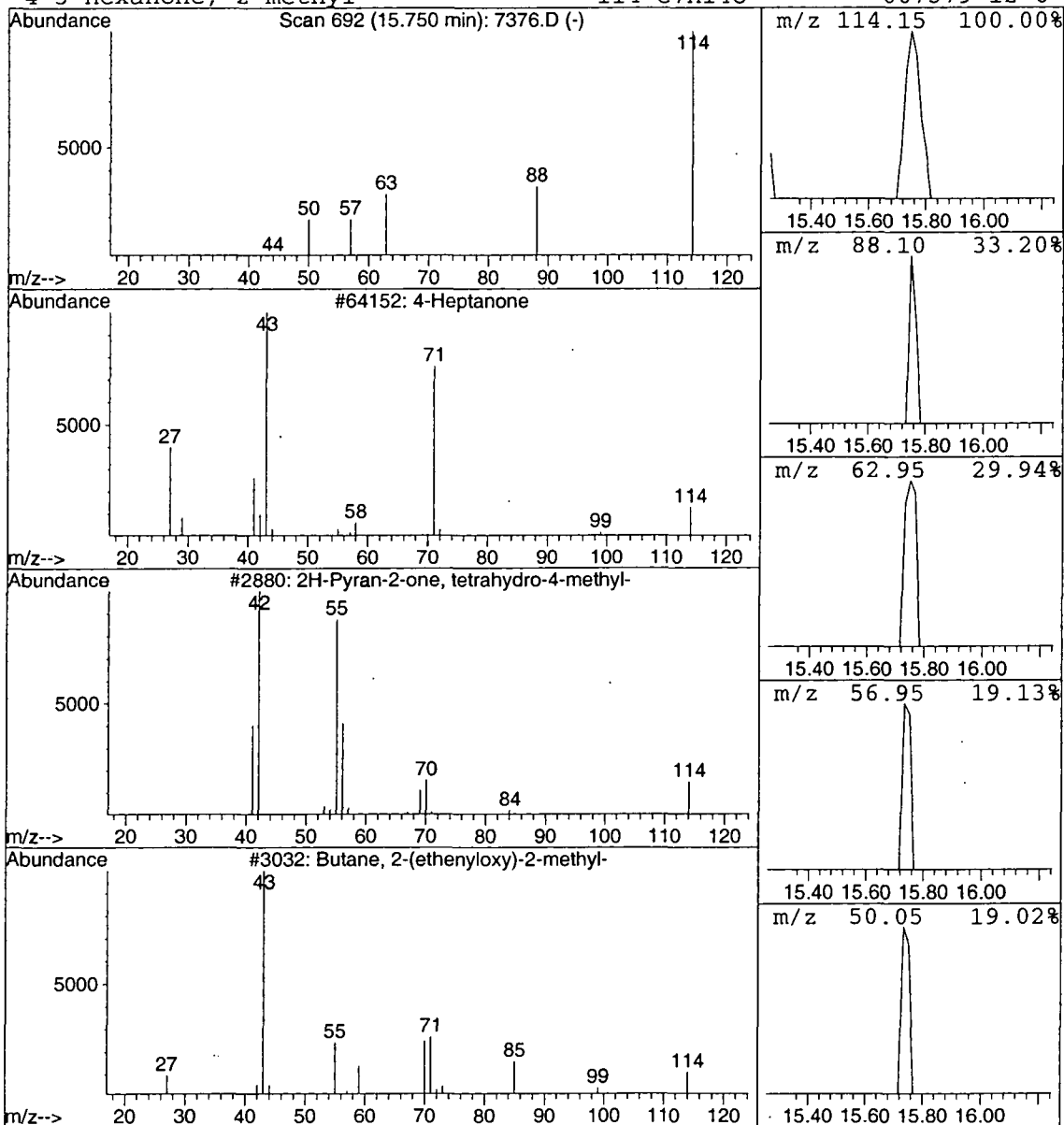
Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 1 4-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.04 ug/L	25372	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone	114	C7H14O	000123-19-3	3
2			2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:32:23

Sample: AE07376
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 4/1/02 00:00 Ended: 4/1/02 00:00 Analyst: BH
 Result source: a:\7376d.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		.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		5.1		.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: 04/02/2002 Time: 14:32:23

Sample: AE07376
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/1/02 00:00 Ended: 4/1/02 00:00 Analyst: BH
Result source: a:\7376d.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\02apr01\7376D.D

Vial: 5

Acq On : 1 Apr 2002 10:38 pm

Operator: 201-wb

Sample : nyc; dup

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 23:16 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 15:03:13 2002

Response via : Initial Calibration

DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1264349	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	1212286	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.93	152	587923	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	591592	5.68	ug/L	0.03
Spiked Amount 5.000			Recovery	=	113.60%	
3) 4-BROMOFLUOROBENZENE	24.33	174	494225	4.84	ug/L	0.03
Spiked Amount 5.000			Recovery	=	96.80%	
25) TOLUENE-D8	18.44	98	1489483	5.07	ug/L	0.03
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
12) ACETONE	8.24	43	39519 ^{6.64}	5.82	ug/L	98
46) 2-HEXANONE	19.20	43	1463 ^{0.16}	0.11	ug/L	27

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

7376D.D HP031802.M Mon Apr 01 23:16:57 2002

Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7376D.D

Vial: 5

Acq On : 1 Apr 2002 10:38 pm

Operator: 201-wb

Sample : nyc; dup

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 1 23:16 2002

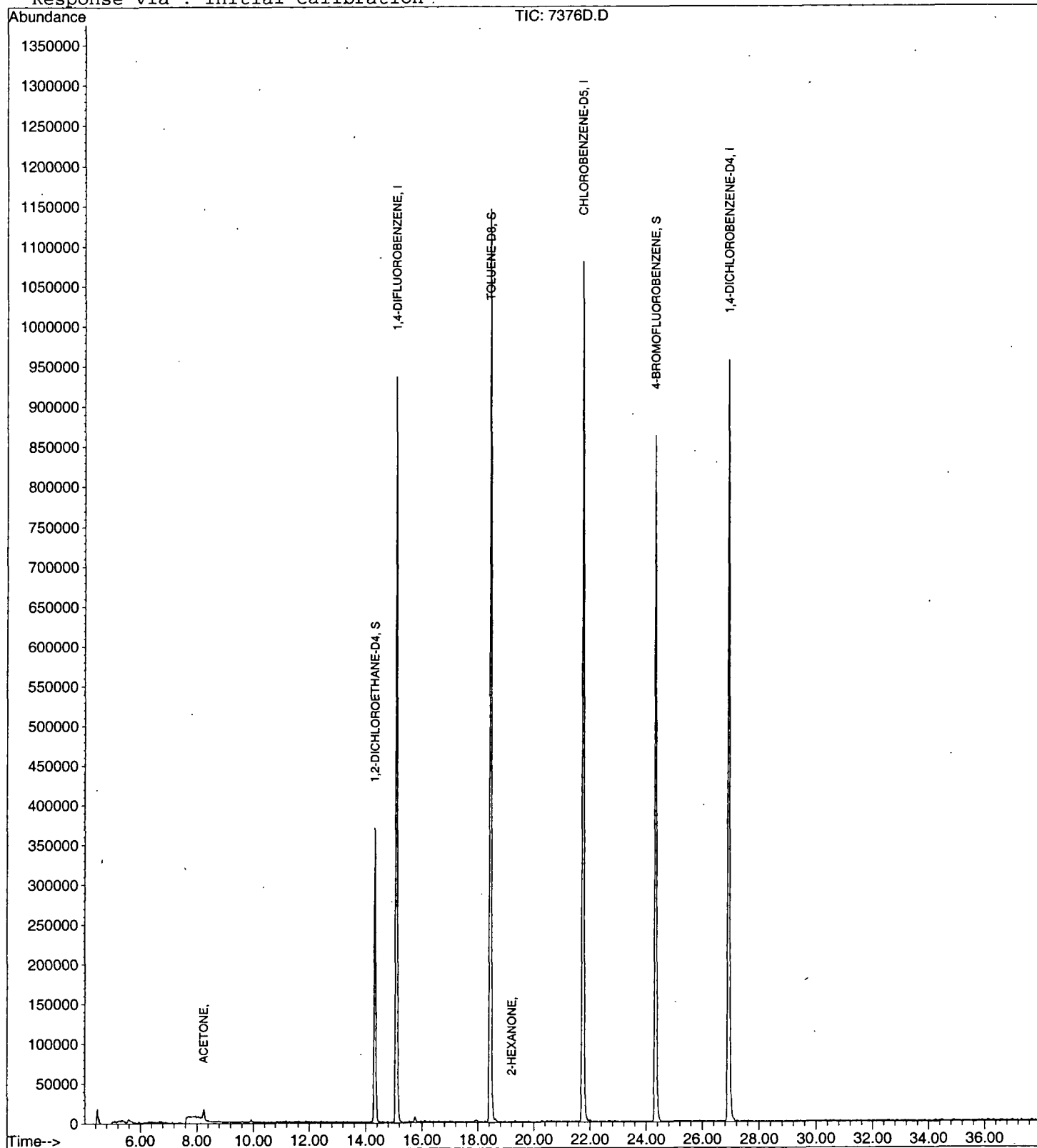
Quant Results File: HP031802.RES

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\02APR01\7376D.D

Acq On : 1 Apr 2002 10:38 pm

Sample : nyc; dup

Misc :

MS Integration Params: LSCINT.P

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)

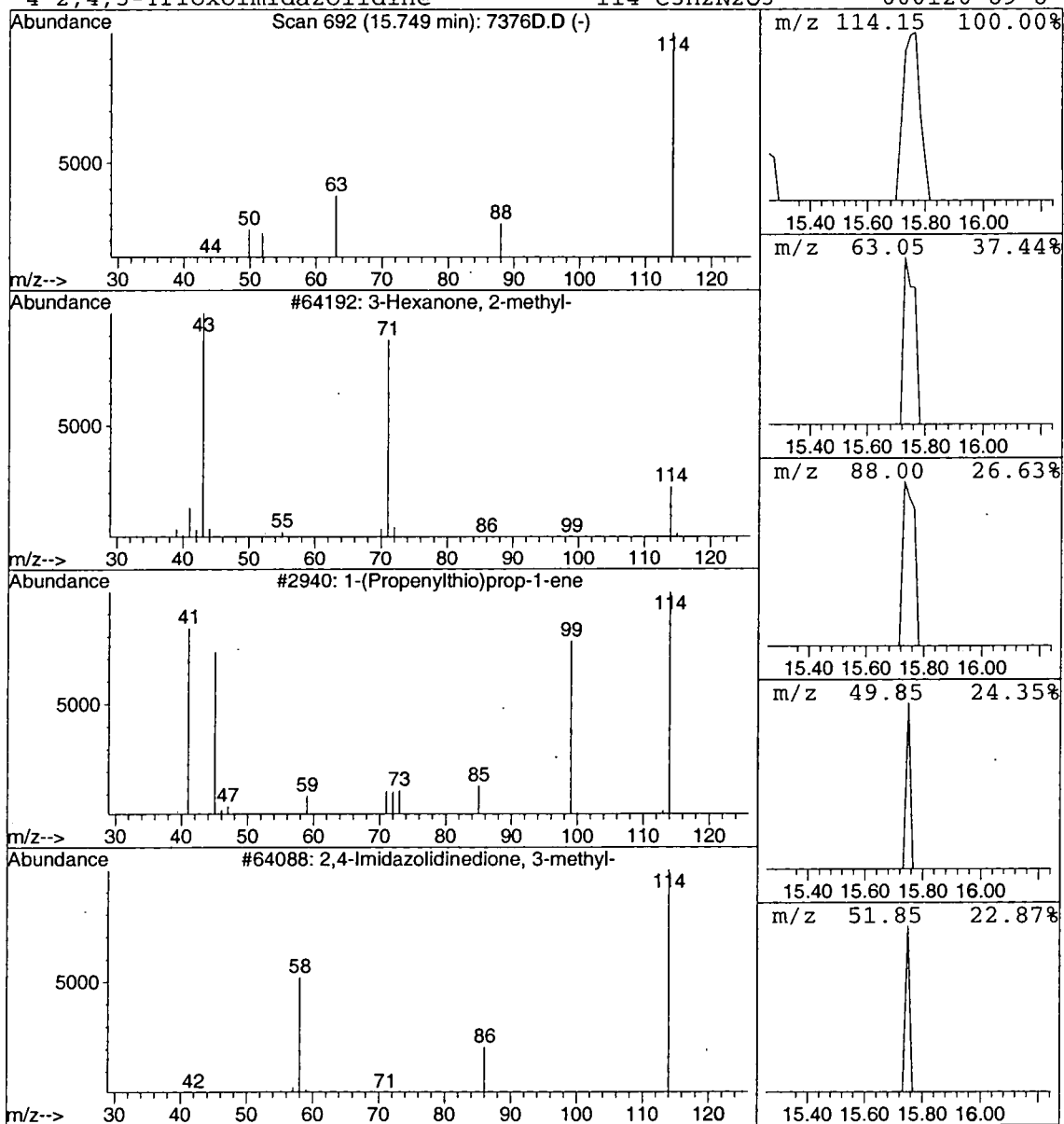
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	23431	1,4-DIFLUOROBENZENE	15.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:34:40

Sample: AE07377
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 4/1/02 00:01 Ended: 4/1/02 00:01 Analyst: BH
 Result source: a:\7377.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		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		5.0		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: 04/02/2002 Time: 14:34:40

Sample: AE07377
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/1/02 00:01 Ended: 4/1/02 00:01 Analyst: BH
Result source: a:\7377.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\02apr01\7377.D
Acq On : 1 Apr 2002 11:21 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 1 23:59 2002

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

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 15:03:13 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	1254211	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	1201629	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.93	152	583274	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	587941	5.69	ug/L	0.04
Spiked Amount 5.000			Recovery	=	113.80%	
3) 4-BROMOFLUOROBENZENE	24.33	174	472842	4.66	ug/L	0.04
Spiked Amount 5.000			Recovery	=	93.20%	
25) TOLUENE-D8	18.44	98	1469538	5.05	ug/L	0.04
Spiked Amount 5.000			Recovery	=	101.00%	
Target Compounds						
12) ACETONE	8.24	43	35825	5.32	ug/L	Qvalue 99

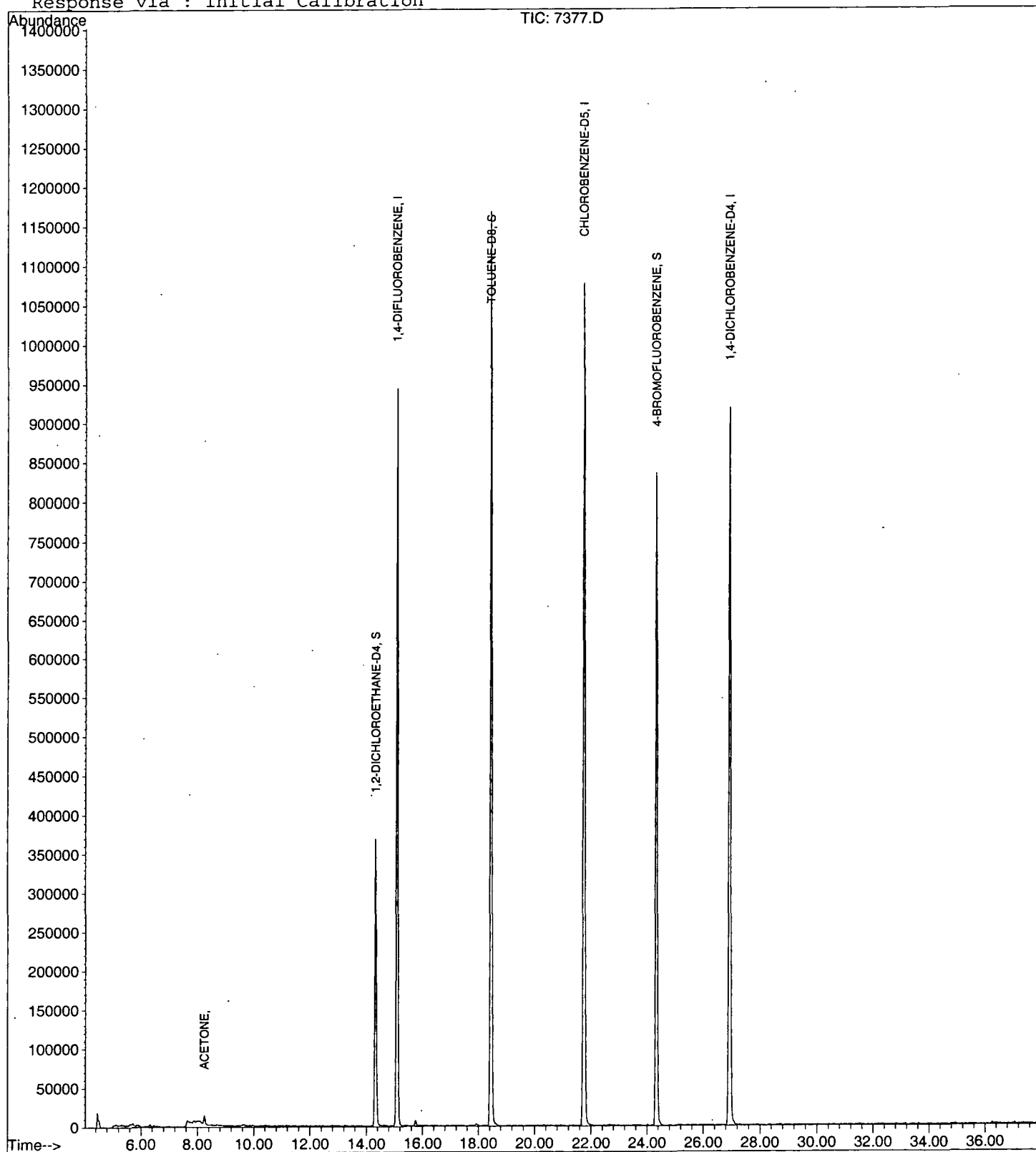
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7377.D
Acq On : 1 Apr 2002 11:21 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 1 23:59 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\02APR01\7377.D

Acq On : 1 Apr 2002 11:21 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)

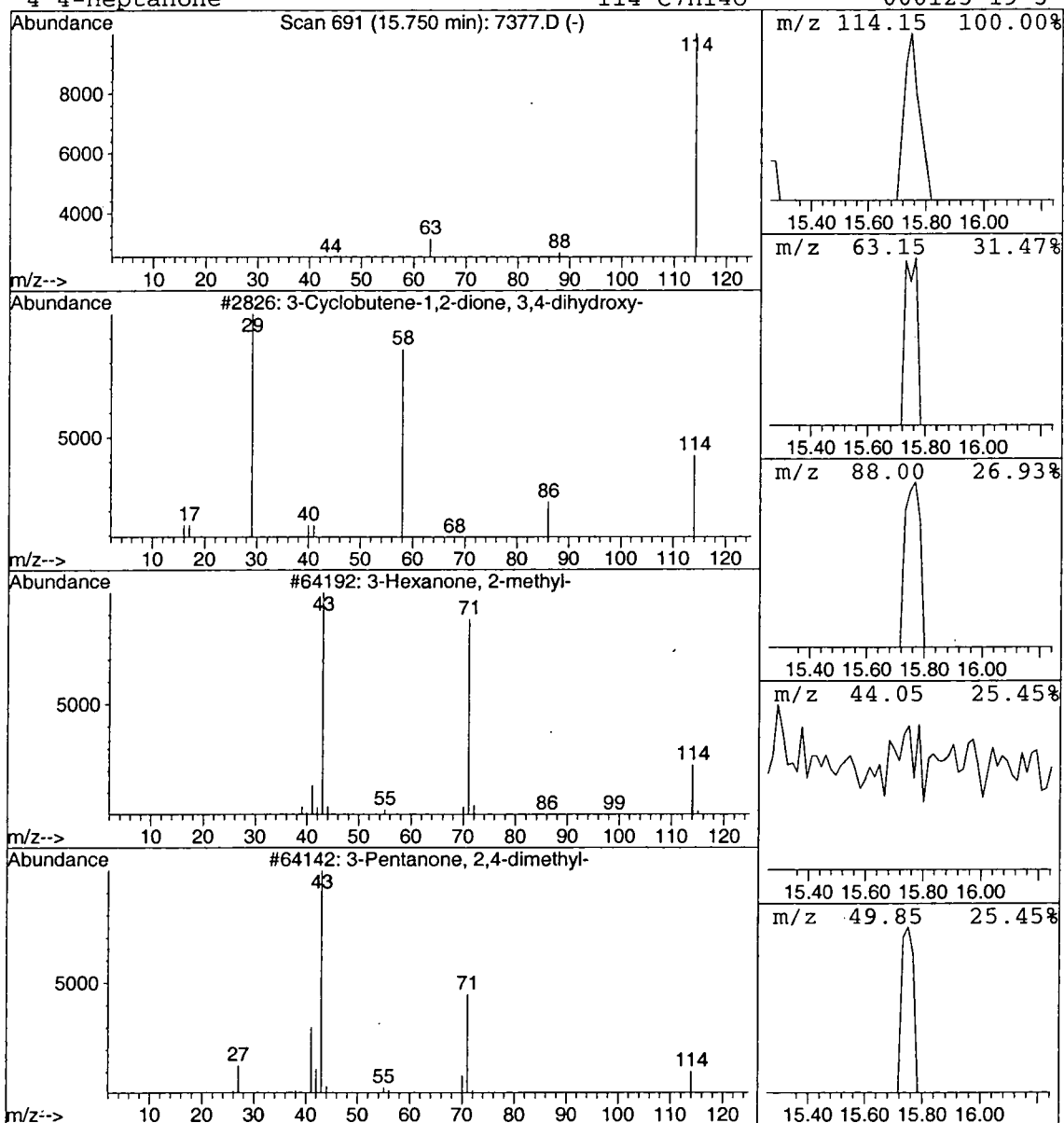
Title : VOCs BY EPA METHOD 524

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	0.04 ug/L	26357	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			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4			4-Heptanone	114	C7H14O	000123-19-3	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:35:07

Sample: AE07378
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
 Result source: a:\7378.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE		6.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (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		5.0		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 EV
 DATE 4/5/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:35:07

Sample: AE07378
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
Result source: a:\7378.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\02apr01\7378.D

Vial: 6

Acq On : 2 Apr 2002 12:04 am

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 0:42 2002

Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Mar 28 15:03:13 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	1238891	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	1204133	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.94	152	573885	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	612341	6.00	ug/L	0.04
Spiked Amount	5.000		Recovery	=	120.00%	
3) 4-BROMOFLUOROBENZENE	24.33	174	487820	4.87	ug/L	0.04
Spiked Amount	5.000		Recovery	=	97.40%	
25) TOLUENE-D8	18.44	98	1457788	5.00	ug/L	0.04
Spiked Amount	5.000		Recovery	=	100.00%	
Target Compounds						
12) ACETONE	8.24	43	39540	5.94	ug/L	95
18) 2-BUTANONE (MEK)	11.99	43	2637	0.29	ug/L	54

(#) = qualifier out of range (m) = manual integration
7378.D HP031802.M Tue Apr 02 00:43:01 2002

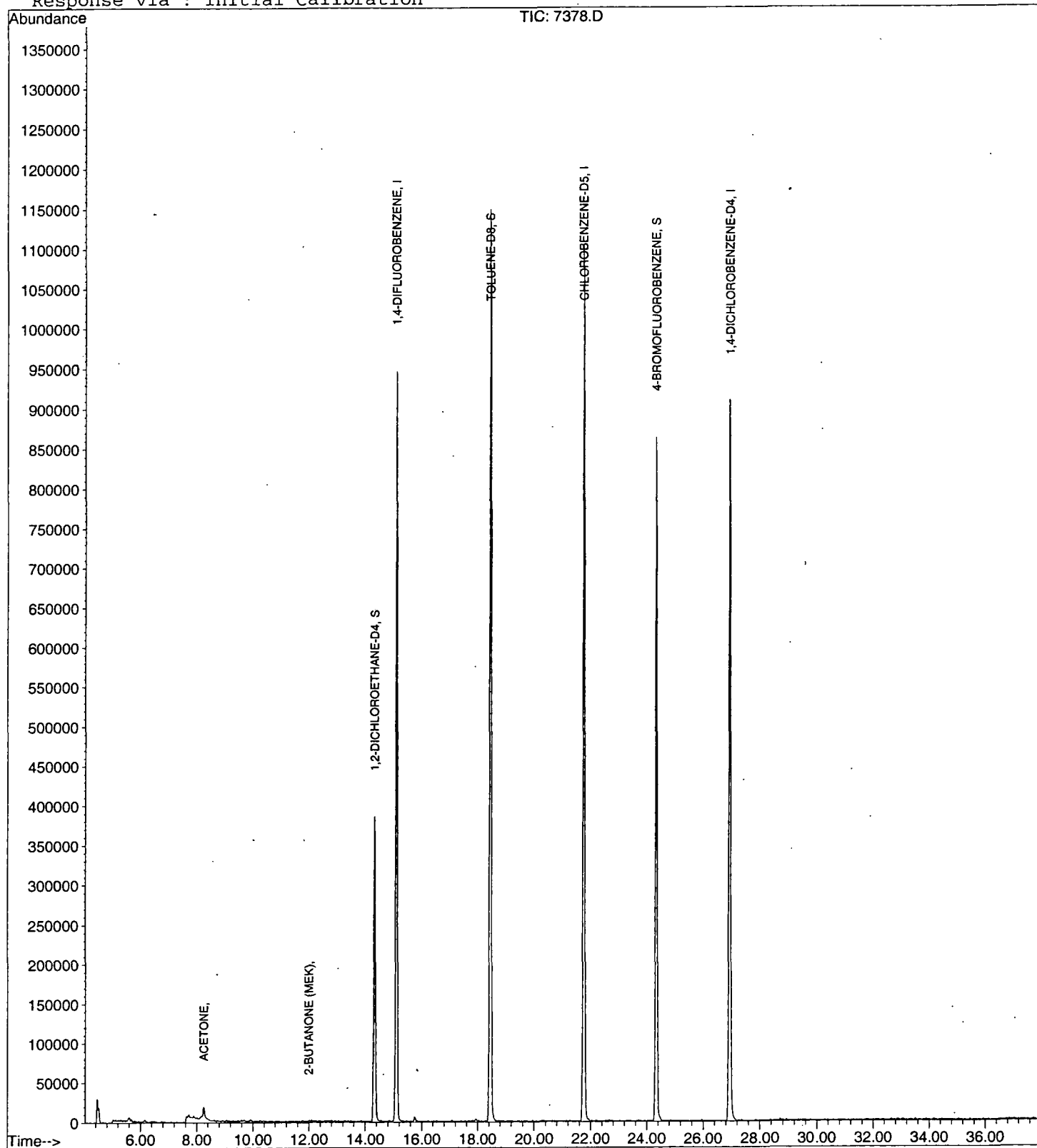
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7378.D
Acq On : 2 Apr 2002 12:04 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 2 0:42 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\02APR01\7378.D

Acq On : 2 Apr 2002 12:04 am

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 6

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)

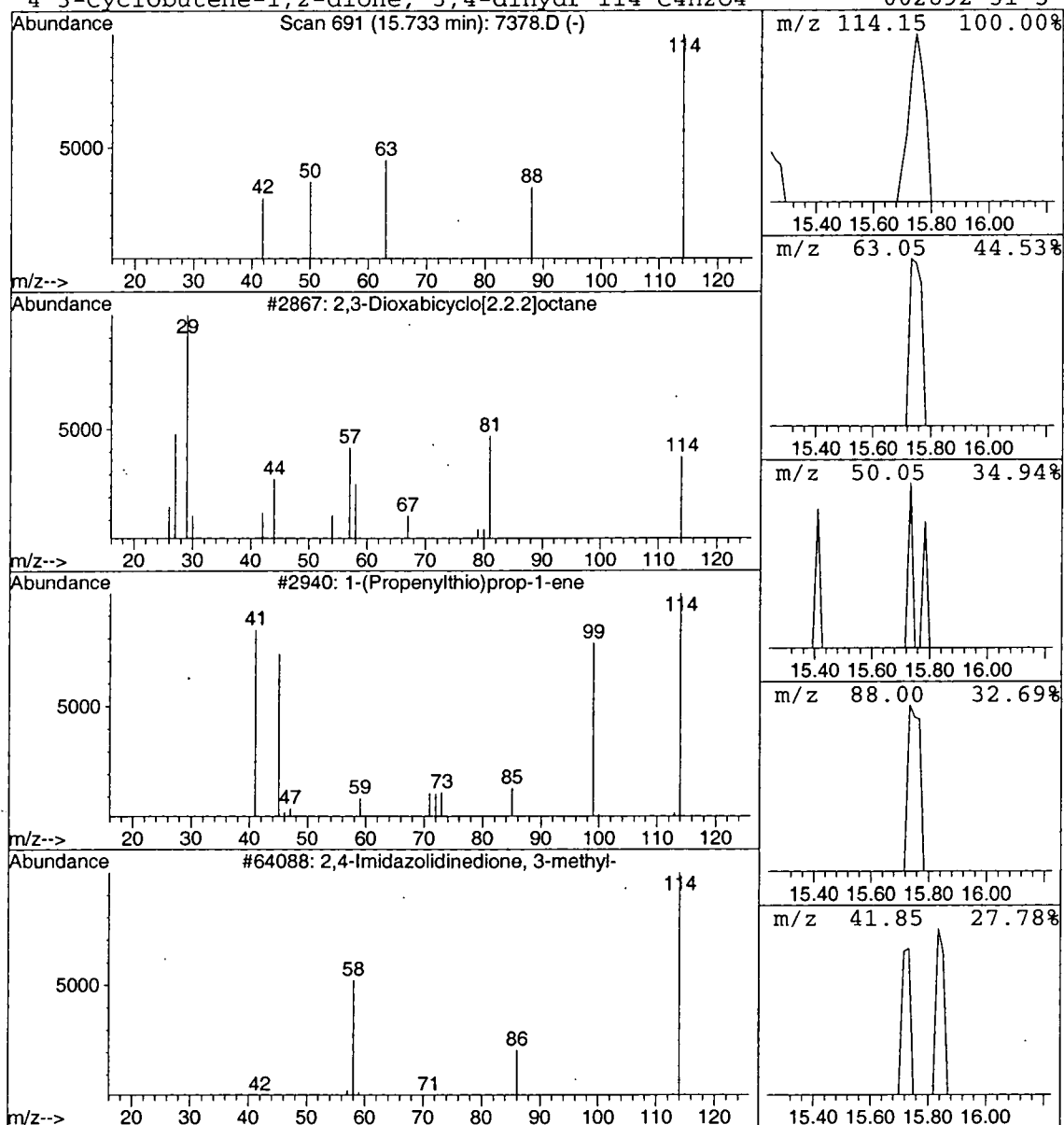
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	22477	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:35:39

Sample: AE07380
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
 Result source: a:\7380.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (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		5.0		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: 04/02/2002 Time: 14:35:39

Sample: AE07380
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
Result source: a:\7380.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\02apr01\7380.D

Vial: 7

Acq On : 2 Apr 2002 12:47 am

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 1:26 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 15:03:13 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	1223989	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	1207344	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.93	152	577104	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	582872	5.78	ug/L	0.03
Spiked Amount	5.000		Recovery	=	115.60%	
3) 4-BROMOFLUOROBENZENE	24.33	174	484563	4.90	ug/L	0.03
Spiked Amount	5.000		Recovery	=	98.00%	
25) TOLUENE-D8	18.44	98	1453804	4.97	ug/L	0.03
Spiked Amount	5.000		Recovery	=	99.40%	
Target Compounds						
12) ACETONE	8.24	43	52495	7.99	ug/L	Qvalue 93

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

7380.D HP031802.M Tue Apr 02 01:26:15 2002

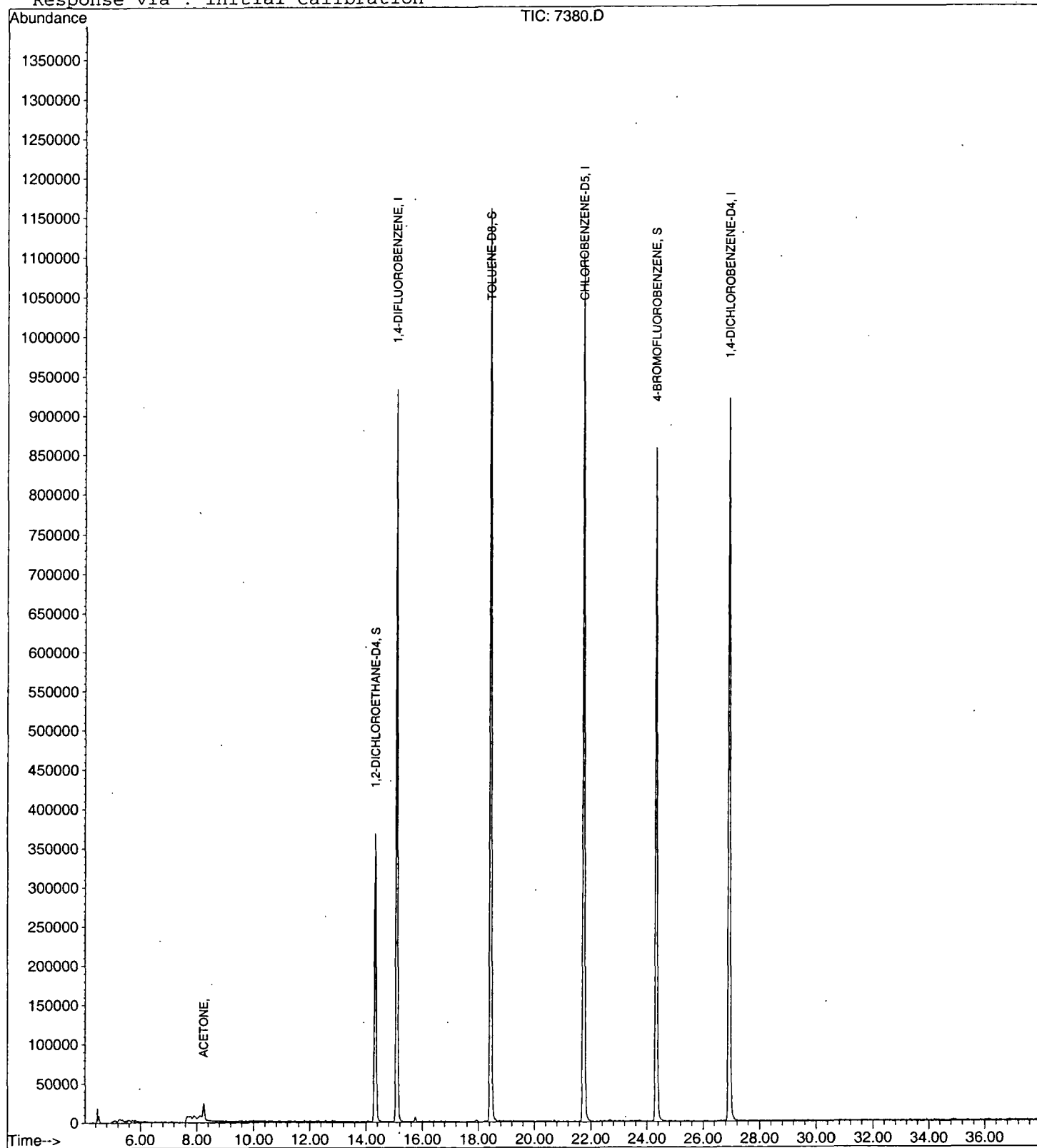
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7380.D
Acq On : 2 Apr 2002 12:47 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 2 1:26 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\02APR01\7380.D
 Acq On : 2 Apr 2002 12:47 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

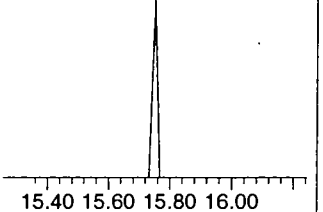
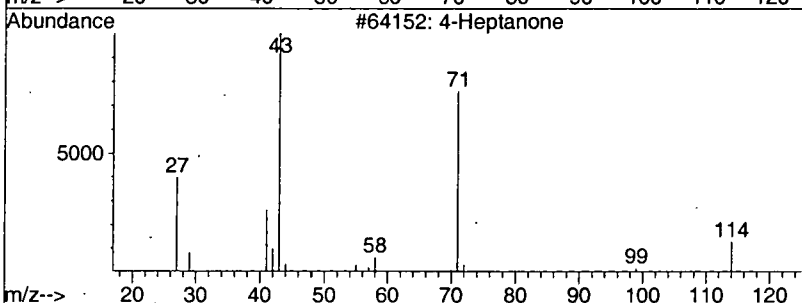
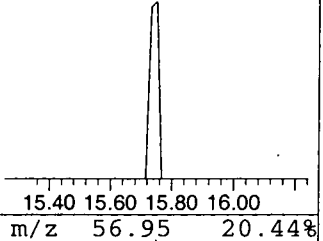
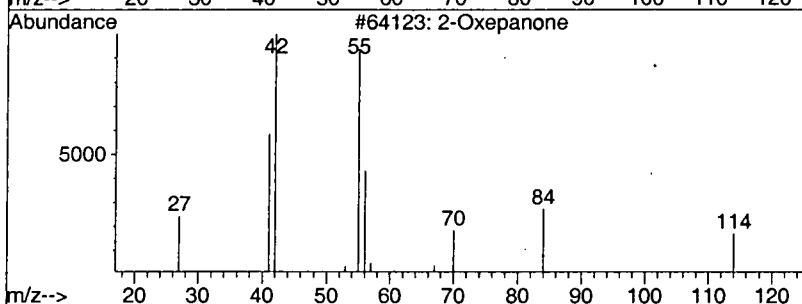
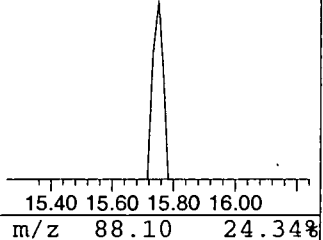
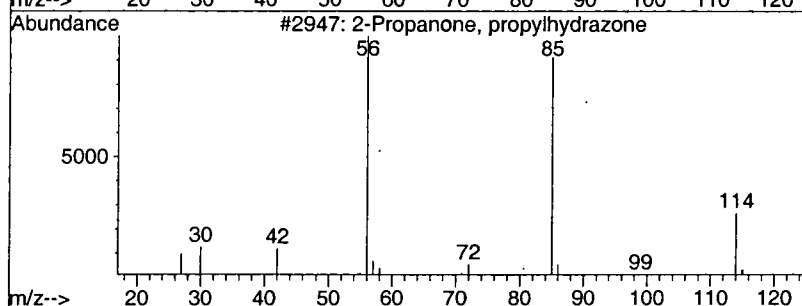
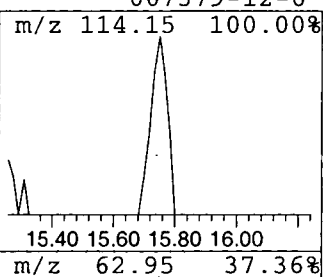
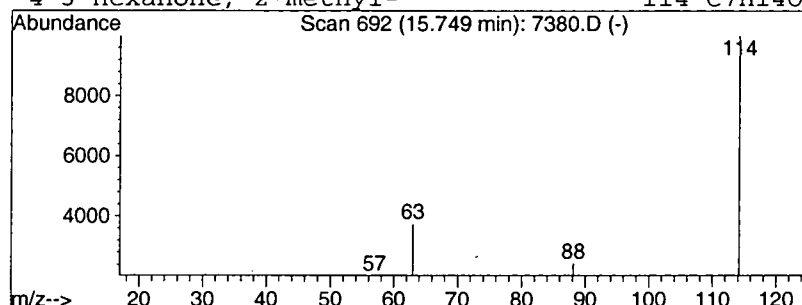
Vial: 7
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 2-Propanone, propylhydrazone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	20923	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, propylhydrazone	114	C6H14N2	007423-00-9	4
2			2-Oxepanone	114	C6H10O2	000502-44-3	3
3			4-Heptanone	114	C7H14O	000123-19-3	3
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:36:20

Sample: AE07381
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 4/2/02 00:01 Ended: 4/2/02 00:01 Analyst: BH
 Result source: a:\7381.rr
 Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		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		5.0		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: 04/02/2002 Time: 14:36:20

Sample: AE07381
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/2/02 00:01 Ended: 4/2/02 00:01 Analyst: BH
Result source: a:\7381.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\02apr01\7381.D

Vial: 8

Acq On : 2 Apr 2002 1:31 am

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 2:09 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 15:03:13 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	1243949	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	1211562	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	576949	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	601356	5.87	ug/L	0.04
Spiked Amount	5.000		Recovery	=	117.40%	
3) 4-BROMOFLUOROBENZENE	24.33	174	484024	4.81	ug/L	0.04
Spiked Amount	5.000		Recovery	=	96.20%	
25) TOLUENE-D8	18.44	98	1469112	5.01	ug/L	0.04
Spiked Amount	5.000		Recovery	=	100.20%	
Target Compounds						
12) ACETONE	8.24	43	38678	5.79	ug/L	92
46) 2-HEXANONE	19.14	43	762	0.06	ug/L	27

(#) = qualifier out of range (m) = manual integration
7381.D HP031802.M Tue Apr 02 02:09:37 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7381.D

Vial: 8

Acq On : 2 Apr 2002 1:31 am

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 2:09 2002

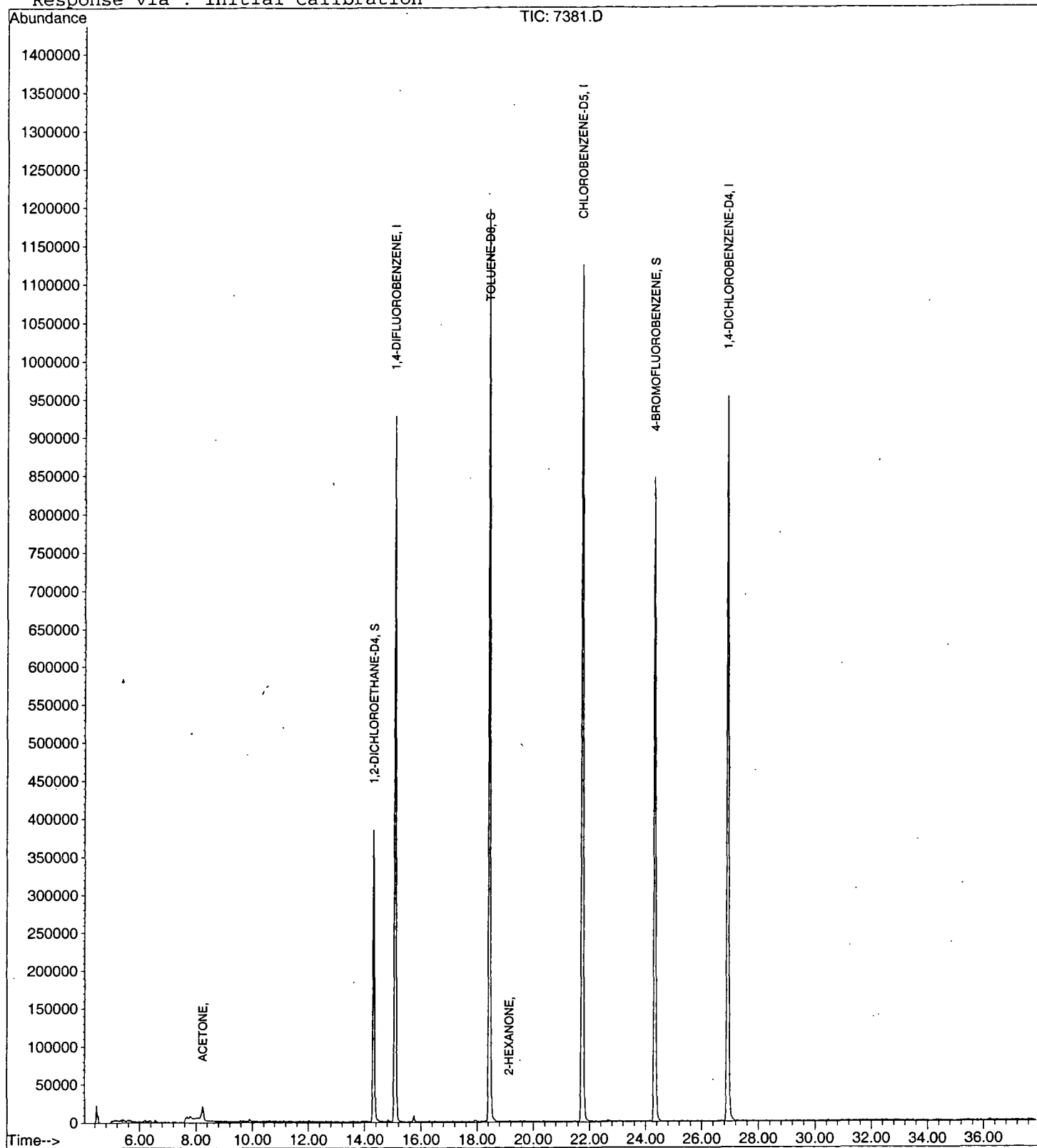
Quant Results File: HP031802.RES

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\02APR01\7381.D

Acq On : 2 Apr 2002 1:31 am

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)

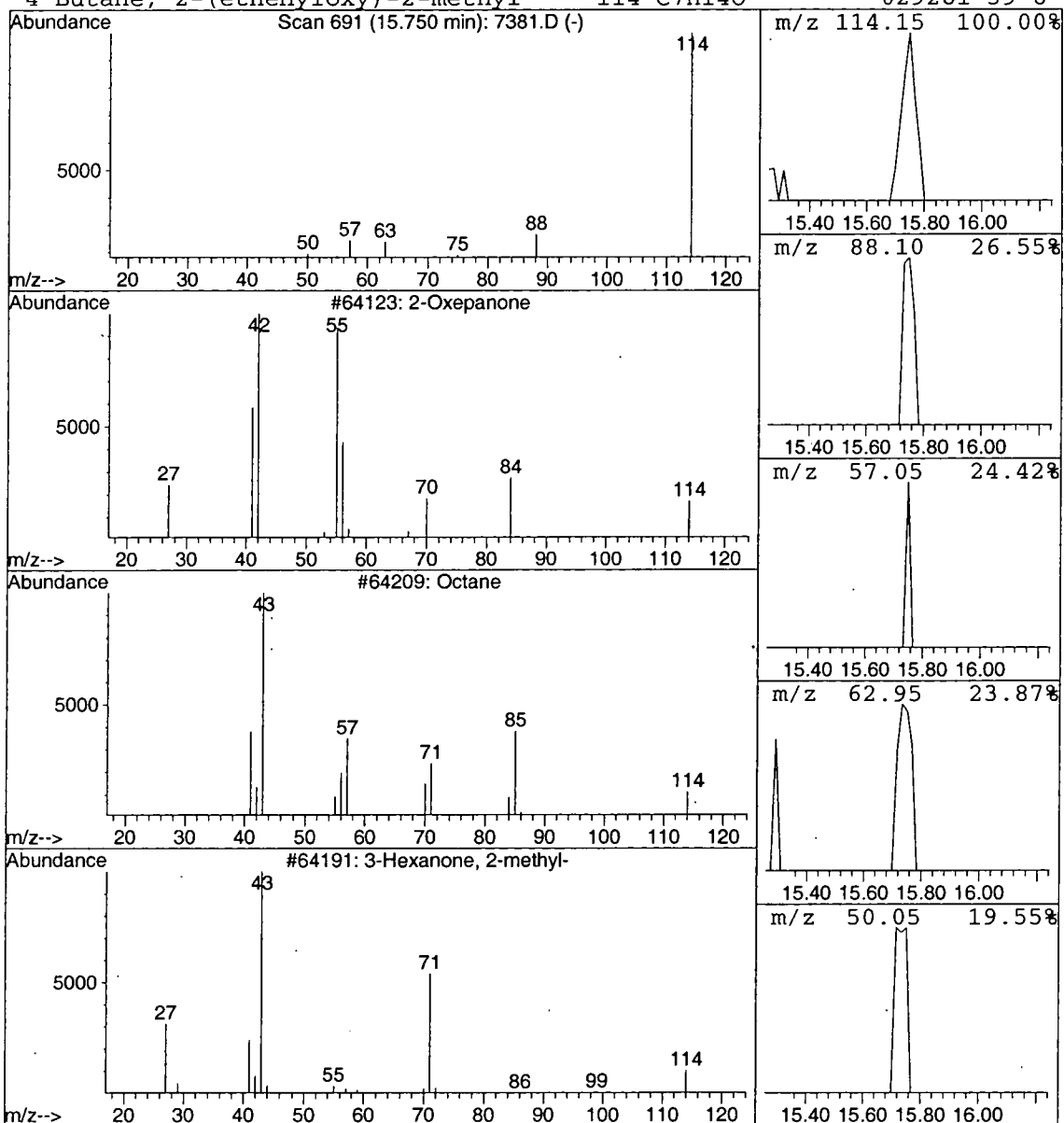
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.04 ug/L	24397	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Oxepanone	114	C6H10O2	000502-44-3	3
2			Octane	114	C8H18	000111-65-9	3
3			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:36:45

Sample: AE07382
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
 Result source: a:\7382.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		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		5.1		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	<u>AV</u>
DATE	<u>4/2/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:36:45

Sample: AE07382
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
Result source: a:\7382.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\02apr01\7382.D

Vial: 9

Acq On : 2 Apr 2002 2:13 am

Operator: 201-wb

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 2:52 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 15:03:13 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	1210514	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	1177366	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	553805	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	584486	5.86	ug/L	0.04
Spiked Amount	5.000		Recovery	=	117.20%	
3) 4-BROMOFLUOROBENZENE	24.33	174	466712	4.77	ug/L	0.04
Spiked Amount	5.000		Recovery	=	95.40%	
25) TOLUENE-D8	18.44	98	1441466	5.05	ug/L	0.04
Spiked Amount	5.000		Recovery	=	101.00%	
Target Compounds						
12) ACETONE	8.24	43	30614	4.71	ug/L	99
46) 2-HEXANONE	19.21	43	1425	0.11	ug/L	27

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

7382.D HP031802.M Tue Apr 02 02:52:24 2002

Page 1

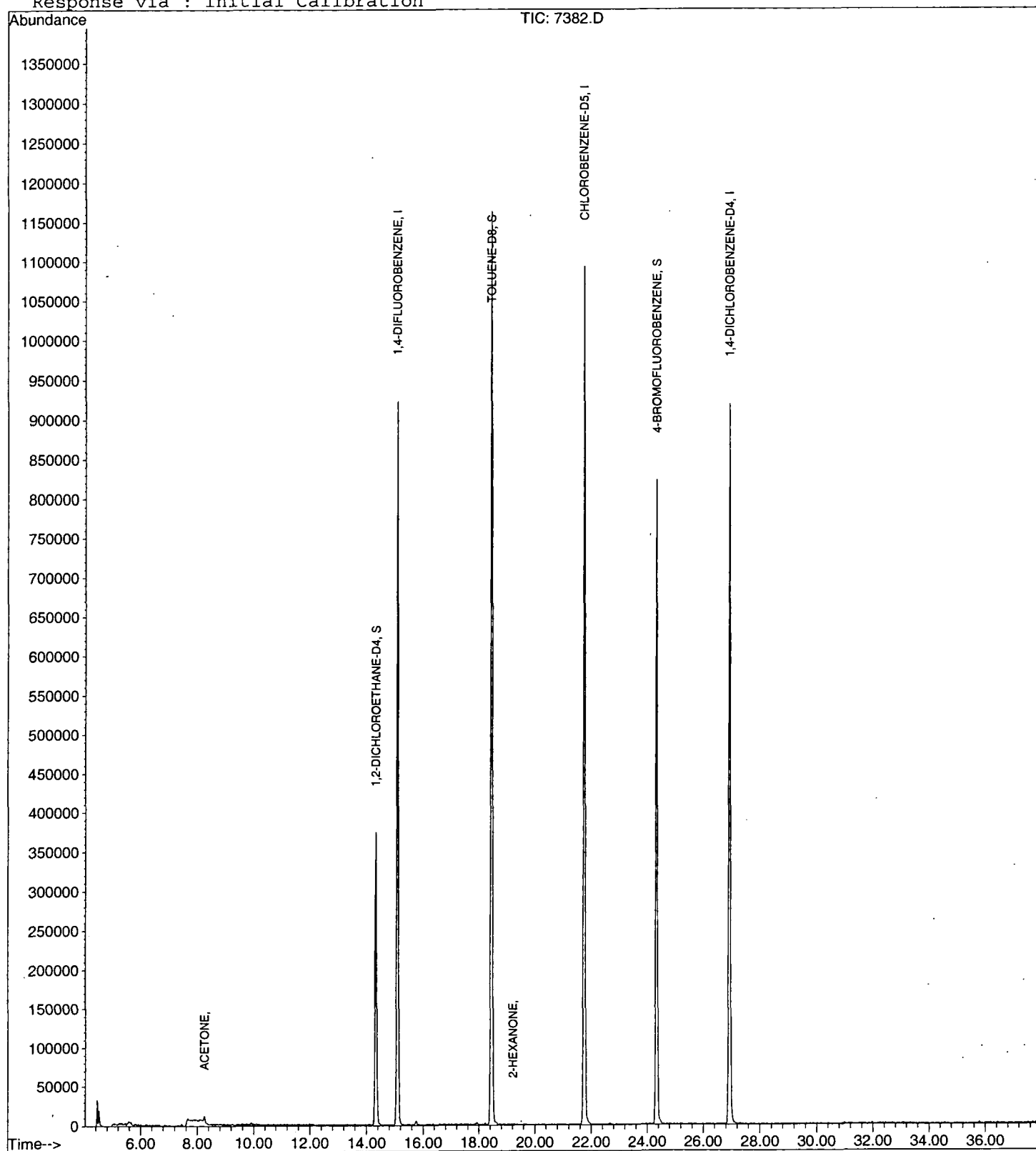
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7382.D
Acq On : 2 Apr 2002 2:13 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 2 2:52 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\02APR01\7382.D
Acq On : 2 Apr 2002 2:13 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

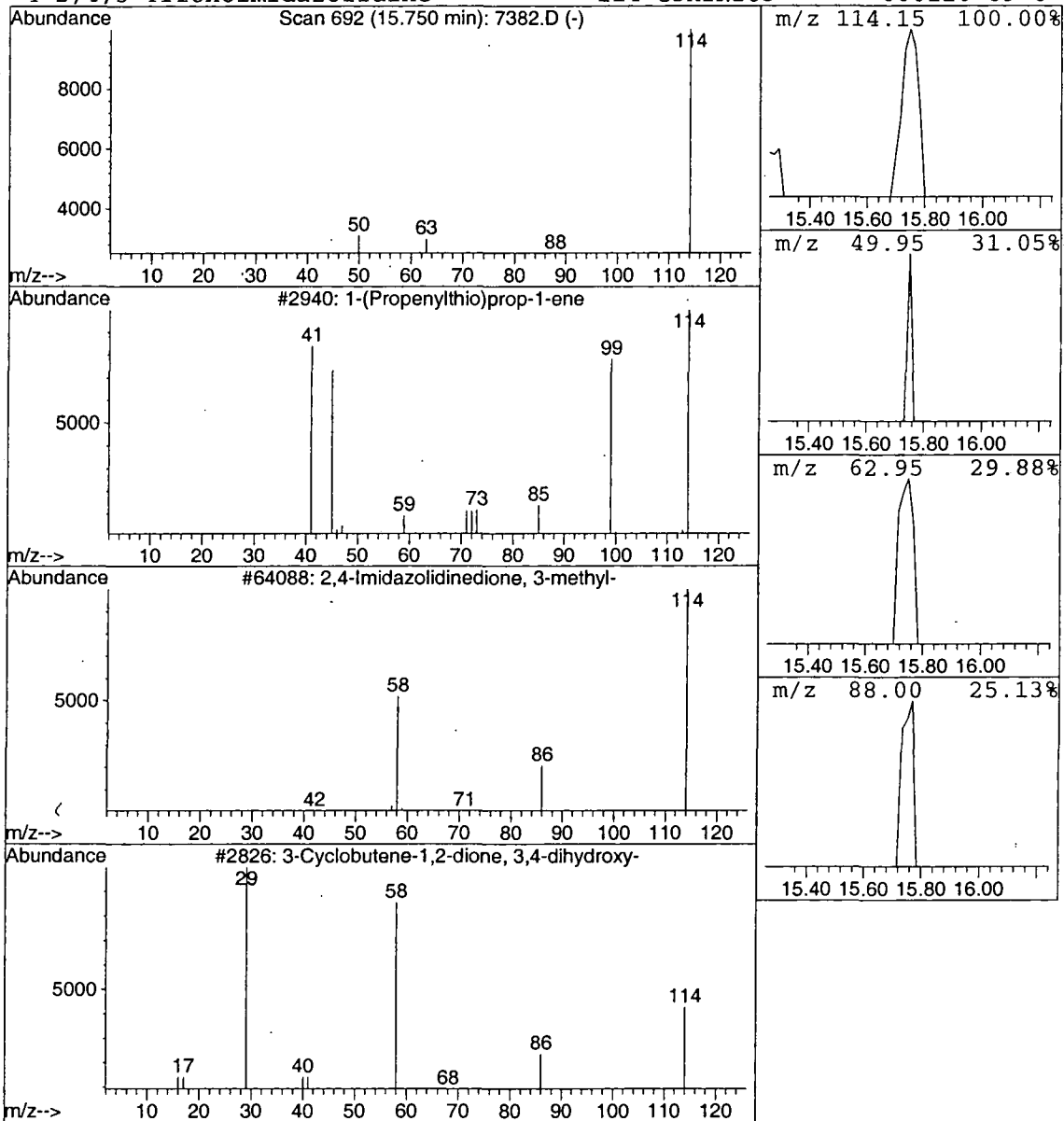
Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

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.
15.75	0.03 ug/L	19822	1,4-DIFLUOROBENZENE	15.09

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:33:35

Sample: AE07376
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
 Result source: a:\7376f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.8		.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)		5.7		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		5.1		.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: 04/02/2002 Time: 14:33:35

Sample: AE07376
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 4/2/02 00:02 Ended: 4/2/02 00:02 Analyst: BH
Result source: a:\7376f.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

Comments for Sample AE07376 - Analysis \$F_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 04-05-2002 Time: 15:27:19

The presence of MTBE is probably due to lab contamination.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\7376F.D

Vial: 10

Acq On : 2 Apr 2002 2:57 am

Operator: 201-wb

Sample : nyc; fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 3:35 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 15:03:13 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	1283921	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	1226350	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	595681	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	614497	5.81	ug/L	0.03
Spiked Amount	5.000		Recovery	=	116.20%	
3) 4-BROMOFLUOROBENZENE	24.33	174	495200	4.77	ug/L	0.03
Spiked Amount	5.000		Recovery	=	95.40%	
25) TOLUENE-D8	18.44	98	1510802	5.09	ug/L	0.03
Spiked Amount	5.000		Recovery	=	101.80%	
Target Compounds						
12) ACETONE	8.24	43	13752	1.99	ug/L	92
14) METHYLENE CHLORIDE	9.60	49	13223	0.19	ug/L	85
15) METHYL TERT BUTYL ETHER	9.89	73	389574	5.66	ug/L	98
18) 2-BUTANONE (MEK)	11.99	43	1620	0.17	ug/L	54

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

7376F.D HP031802.M Tue Apr 02 03:35:50 2002

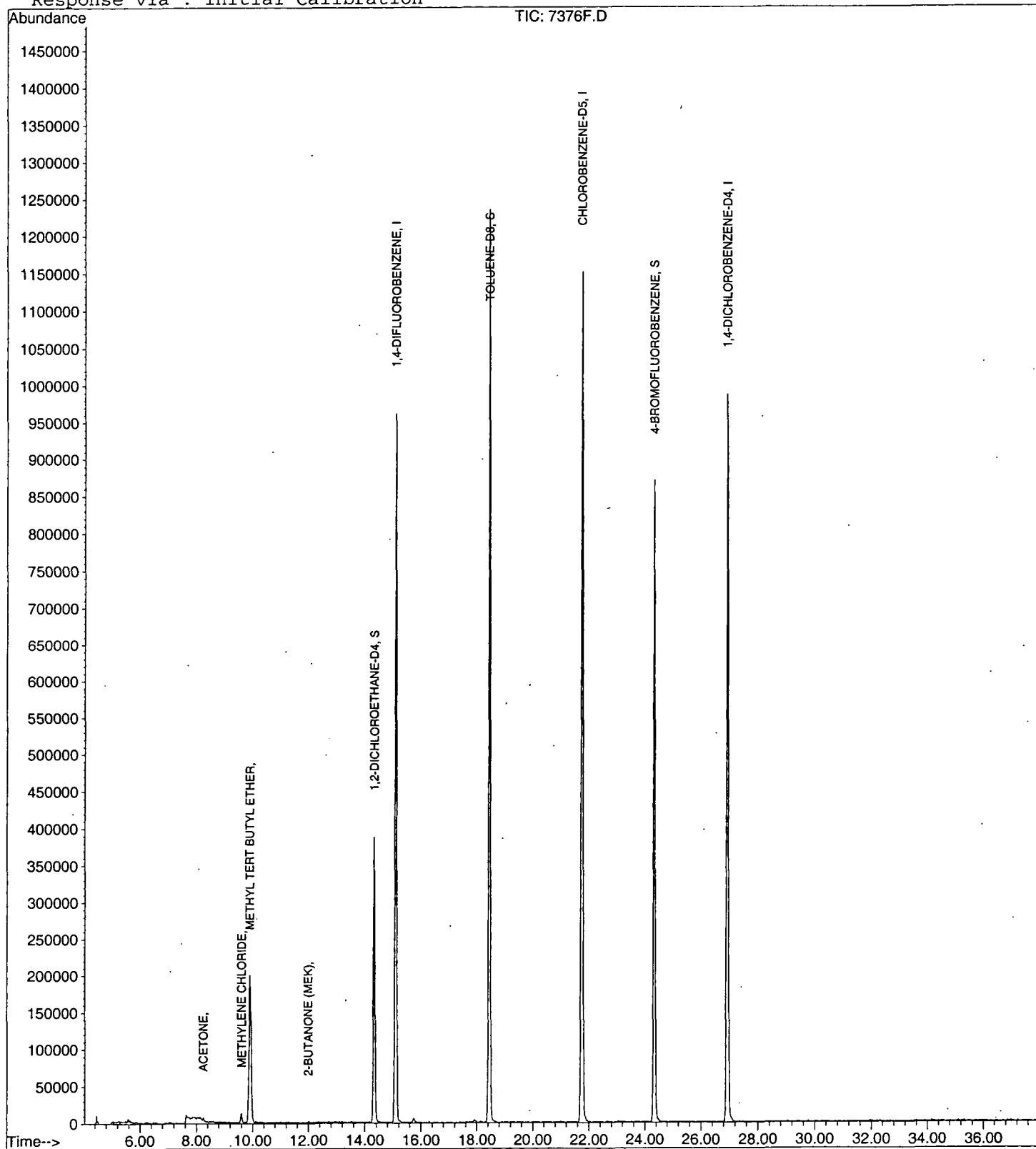
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7376F.D
Acq On : 2 Apr 2002 2:57 am
Sample : nyc; fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 2 3:35 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\02APR01\7376F.D
 Acq On : 2 Apr 2002 2:57 am
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

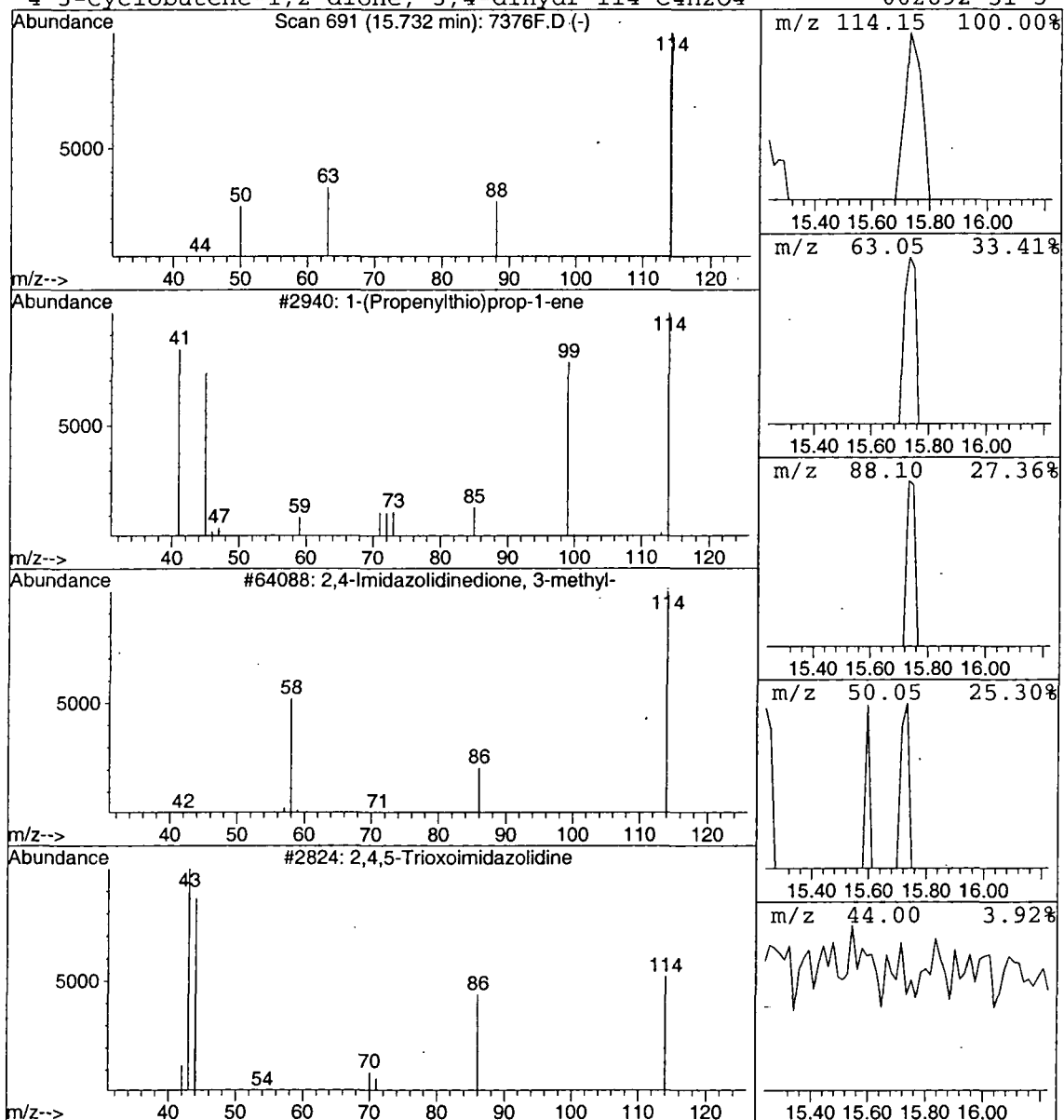
Vial: 10
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
15.73	0.04 ug/L	26666	1,4-DIFLUOROBENZENE	15.09

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 04/02/2002 Time: 14:35:52

Sample: AE07380
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 4/2/02 00:03 Ended: 4/2/02 00:03 Analyst: BH
 Result source: a:\7380f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (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		5.0		.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: 04/02/2002 Time: 14:35:52

Sample: AE07380
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 4/2/02 00:03 Ended: 4/2/02 00:03 Analyst: BH
Result source: a:\7380f.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

Comments for Sample AE07380 - Analysis \$F_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 04-05-2002 Time: 12:40:43

Acetone is present at 24 ug/L. The recovery of acetone in the LFB is 188%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\7380F.D

Vial: 11

Acq On : 2 Apr 2002 3:40 am

Operator: 201-wb

Sample : nyc; fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 4:19 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 15:03:13 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	1293253	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	1268252	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	609196	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	630619	5.92	ug/L	0.04
Spiked Amount	5.000		Recovery	=	118.40%	
3) 4-BROMOFLUOROBENZENE	24.33	174	507486	4.86	ug/L	0.04
Spiked Amount	5.000		Recovery	=	97.20%	
25) TOLUENE-D8	18.44	98	1534666	5.00	ug/L	0.04
Spiked Amount	5.000		Recovery	=	100.00%	
Target Compounds						
12) ACETONE	8.24	43	166731	24.01	ug/L	96
18) 2-BUTANONE (MEK)	12.00	43	3076	0.32	ug/L	54
46) 2-HEXANONE	18.97	43	678	0.05	ug/L	27

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

7380F.D HP031802.M Tue Apr 02 04:19:16 2002

Page 1

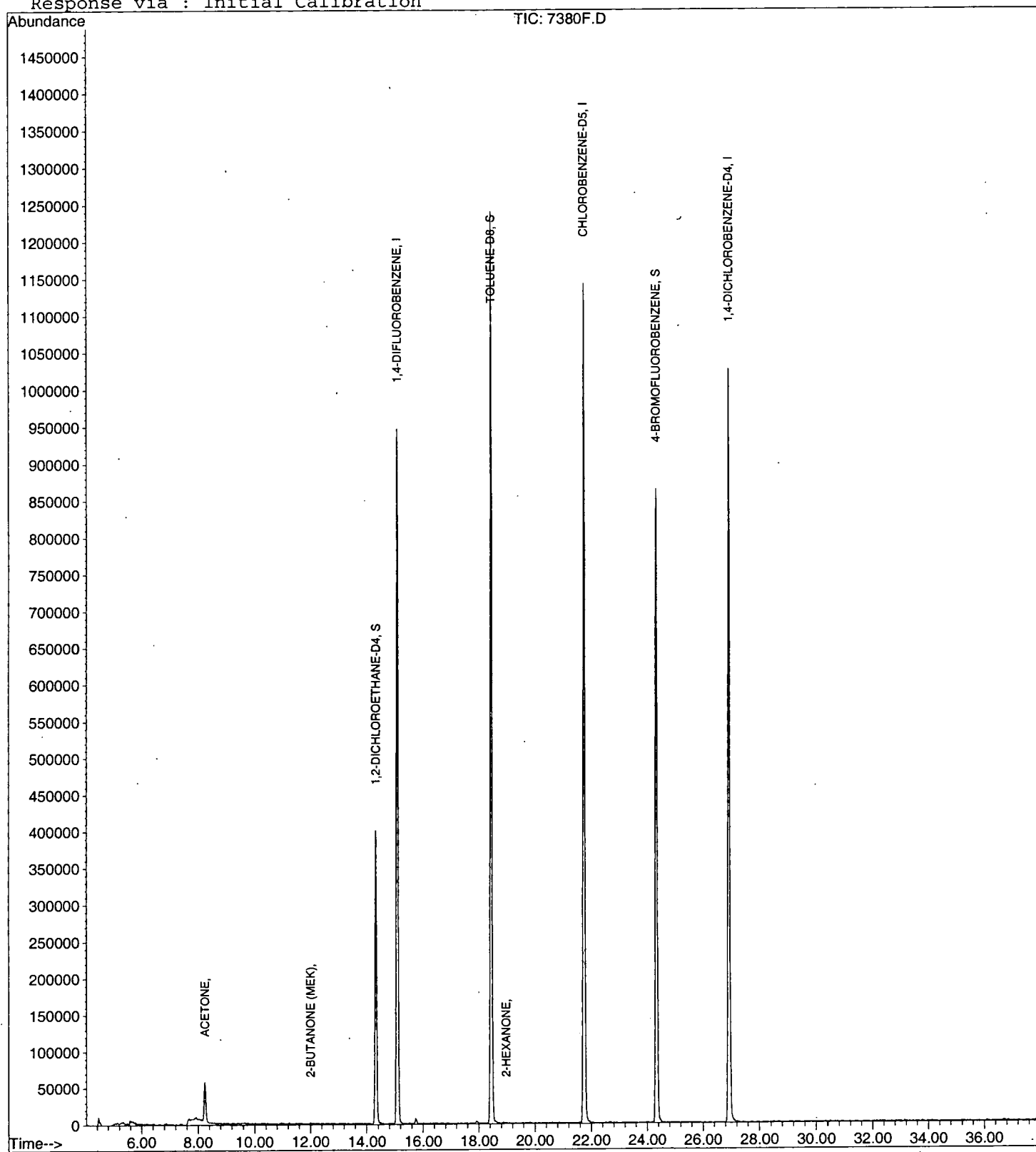
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\7380F.D
Acq On : 2 Apr 2002 3:40 am
Sample : nyc; fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 2 4:19 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\02APR01\7380F.D

Acq On : 2 Apr 2002 3:40 am

Sample : nyc; fb

Misc :

MS Integration Params: LSCINT.P

Vial: 11

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)

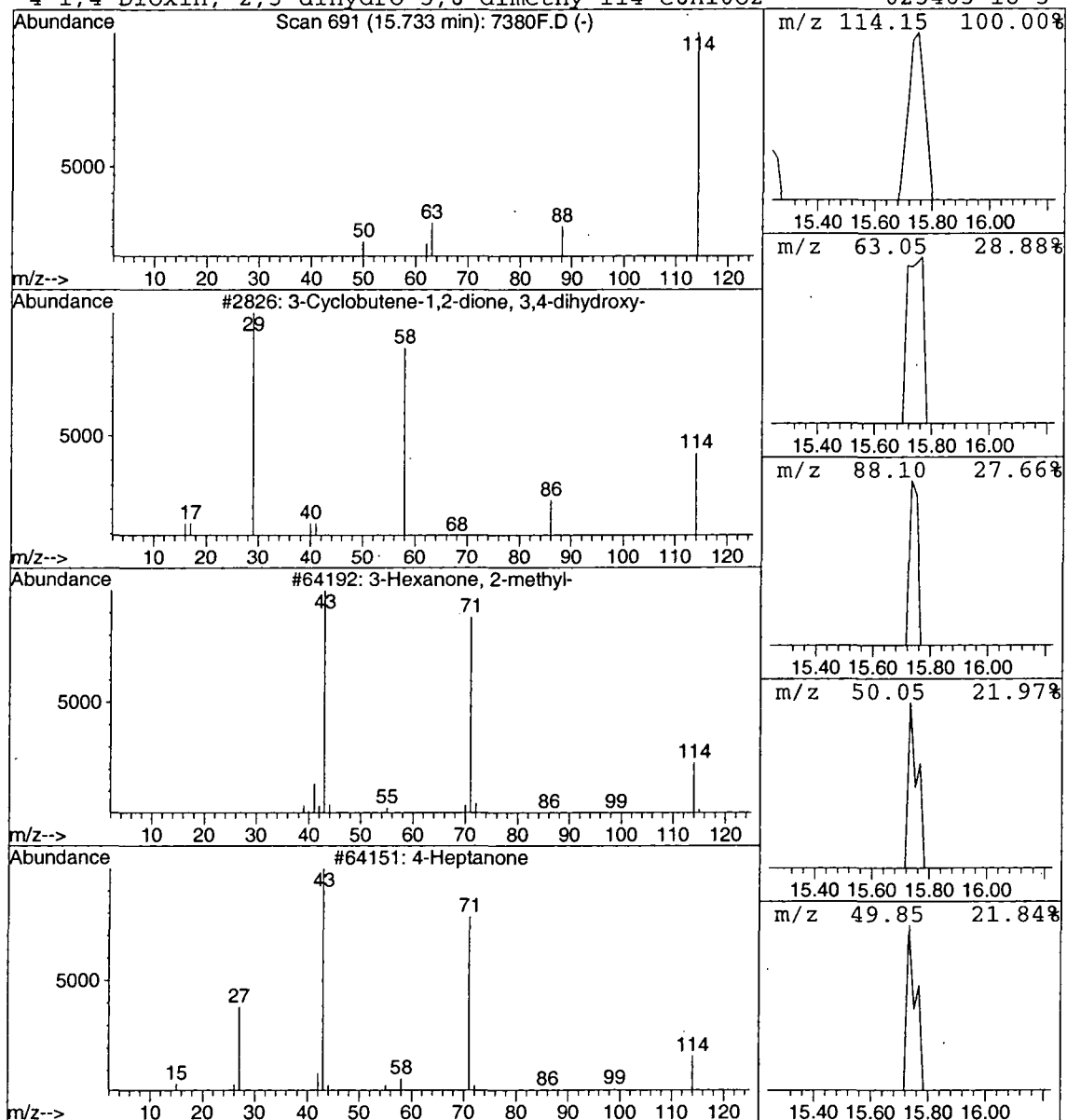
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.04 ug/L	25713	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: 04/02/2002 Time: 14:33:22

Sample: AE07376
 Analysis: \$C3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 4/2/02 00:04 Ended: 4/2/02 00:04 Analyst: BH
 Result source: a:\0401c10b.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.6		.5
3	Dichlorodifluoromethane	USPEC	14		.5
4	Chloromethane		12		.5
5	Vinyl chloride	USPEC	13		.5
6	Bromomethane		12		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane	USPEC	13		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		9.9		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		38		2.0
15	2,2-dichloropropane		9.0		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		12		.5
20	Surr_TOLUENE-D8		4.8		.5
21	1,1,1-trichloroethane		12		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		12		.5
24	Benzene		9.8		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		9.6		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		39		1.0
30	cis-1,3-dichloropropene		9.4		.5
31	Toluene		9.8		.5
32	trans-1,3-dichloropropene		9.7		.5
33	1,1,2-trichloroethane		9.7		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		9.8		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		9.4		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.9		.5
43	1,1,2,2-tetrachloroethane		9.1		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		9.5		.5
47	N-propylbenzene		9.6		.5
48	Bromobenzene		9.9		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:33:22

Sample: AE07376
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/2/02 00:04 Ended: 4/2/02 00:04 Analyst: BH
Result source: a:\0401c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		9.6		.5
52	TERT-butylbenzene		9.8		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		9.4		.5
55	P-isopropyltoluene		9.6		.5
56	1,3-dichlorobenzene		9.5		.5
57	1,4-dichlorobenzene		9.4		.5
58	N-butylbenzene		9.4		.5
59	1,2-dichlorobenzene		9.6		.5
60	1,2,4-trichlorobenzene		9.6		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		8.7		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		150		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10B.D

Vial: 2

Acq On : 2 Apr 2002 4:24 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 5:02 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 15:03:13 2002

Response via : Initial Calibration

DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1220609	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	1262270	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	694833	5.00	ug/L	0.03

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.32	65	612481	6.09	ug/L	0.03
Spiked Amount	5.000		Recovery	=	121.80%	
3) 4-BROMOFLUOROBENZENE	24.33	174	557137	5.65	ug/L	0.03
Spiked Amount	5.000		Recovery	=	113.00%	
25) TOLUENE-D8	18.44	98	1480827	4.84	ug/L	0.03
Spiked Amount	5.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	516815	14.25	ug/L	96
5) CHLOROMETHANE	5.45	50	510733	11.68	ug/L	100
6) VINYL CHLORIDE	5.57	62	413428	13.40	ug/L	99
7) BROMOMETHANE	6.56	94	334135	11.53	ug/L	100
8) CHLOROETHANE	6.69	64	339690	11.35	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.26	101	794607	13.06	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.16	101	10001	0.37	ug/L	99
12) ACETONE	8.24	43	292926	44.70	ug/L	99
13) 1,1-DICHLOROETHENE	8.58	61	802795	11.01	ug/L	96
14) METHYLENE CHLORIDE	9.59	49	678113	10.46	ug/L	96
15) METHYL TERT BUTYL ETHER	9.89	73	650945	9.94	ug/L	100
16) TRANS-1,2-DICHLOROETHENE	10.25	61	798897	10.91	ug/L	94
17) 1,1-DICHLOROETHANE	11.15	63	885996	10.55	ug/L	98
18) 2-BUTANONE (MEK)	11.97	43	339342	37.80	ug/L	95
19) 2,2-DICHLOROPROPANE	12.36	77	590652	9.04	ug/L	94
20) CIS-1,2-DICHLOROETHENE	12.46	96	520333	10.55	ug/L	99
21) CHLOROFORM	12.79	83	1021211	11.25	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	385508	10.23	ug/L	89
23) 1,2-DICHLOROETHANE	14.51	62	750370	11.96	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	822294	11.53	ug/L	98
27) 1,1-DICHLOROPROPENE	14.01	75	684760	10.45	ug/L	96
28) CARBON TETRACHLORIDE	14.27	117	715895	11.66	ug/L	99
29) BENZENE	14.61	78	1602064	9.81	ug/L	100
30) TRICHLOROETHENE	15.89	95	523697	10.26	ug/L	98
31) 1,2-DICHLOROPROPANE	16.24	63	410733	9.63	ug/L	99
32) DIBROMOMETHANE	16.91	174	254865	10.55	ug/L	94
33) BROMODICHLOROMETHANE	16.75	83	687120	10.64	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	154784	9.10	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.32	58	280284	38.50	ug/L	87
36) CIS-1,3-DICHLOROPROPENE	17.84	75	578356	9.36	ug/L	99
37) TOLUENE	18.61	91	1708584	9.77	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	441455	9.68	ug/L	95
39) 1,1,2-TRICHLOROETHANE	19.27	97	281312	9.74	ug/L	97
40) TETRACHLOROETHENE	20.06	166	532694	10.29	ug/L	97
41) 1,3-DICHLOROPROPANE	19.80	76	522752	9.82	ug/L	100
42) DIBROMOCHLOROMETHANE	20.50	129	392284	10.52	ug/L	99
43) 1,2-DIBROMOETHANE	20.94	107	289961	9.84	ug/L	98
44) CHLOROBENZENE	21.83	112	1112823	9.44	ug/L	92
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	430627	10.35	ug/L	96
46) 2-HEXANONE	19.17	43	532886	39.54	ug/L	95
47) ETHYLBENZENE	21.86	91	2075747	10.20	ug/L	96

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

0401C10B.D HP031802.M Tue Apr 02 05:03:13 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10B.D

Vial: 2

Acq On : 2 Apr 2002 4:24 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Apr 2 5:02 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 15:03:13 2002

Response via : Initial Calibration

DataAcq Meth : HP031802

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48) P & M-XYLENE	22.01	106	1357854	19.58	ug/L	89
49) O-XYLENE	23.00	91	1671351	10.46	ug/L	96
50) STYRENE	23.05	104	1052661	9.93	ug/L	94
51) 1,1,2,2-TETRACHLOROETHANE	24.07	83	265266	9.07	ug/L	97
53) BROMOFORM	23.92	173	195504	10.53	ug/L	97
54) ISOPROPYLBENZENE	23.72	105	1854769	10.00	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.41	110	94150	9.46	ug/L	96
56) N-PROPYLBENZENE	24.58	91	2305311	9.56	ug/L	97
57) BROMOBENZENE	24.84	156	482345	9.89	ug/L	97
58) 1,3,5-TRIMETHYLBENZENE	24.91	105	1661036	10.09	ug/L	97
59) 2-CHLOROTOLUENE	25.08	91	1723582	10.39	ug/L	96
60) 4-CHLOROTOLUENE	25.15	91	1367269	9.58	ug/L	97
61) TERT-BUTYLBENZENE	25.69	119	1466912	9.77	ug/L	91
62) 1,2,4-TRIMETHYLBENZENE	25.79	105	1714150	9.96	ug/L	96
63) SEC-BUTYLBENZENE	26.15	105	1943372	9.42	ug/L	95
64) P-ISOPROPYLTOLUENE	26.41	119	1546217	9.60	ug/L	93
65) 1,3-DICHLOROBENZENE	26.78	146	886531	9.53	ug/L	99
66) 1,4-DICHLOROBENZENE	26.99	146	904760	9.40	ug/L	99
67) N-BUTYLBENZENE	27.31	91	1532477	9.36	ug/L	98
68) 1,2-DICHLOROBENZENE	27.84	146	763382	9.59	ug/L	97
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.62	157	41321	8.41	ug/L	92
70) 1,2,4-TRICHLOROBENZENE	31.92	180	483819	9.62	ug/L	94
71) HEXACHLOROBUTADIENE	32.23	225	287609	11.06	ug/L	96
72) NAPHTHALENE	32.76	128	539729	8.74	ug/L	100
73) 1,2,3-TRICHLOROBENZENE	33.47	180	398263	10.13	ug/L	98
74) NITROBENZENE	29.85	77	187831	152.31	ug/L	94

(#) = qualifier out of range (m) = manual integration
 0401C10B.D HP031802.M Tue Apr 02 05:03:16 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr01\0401C10B.D
Acq On : 2 Apr 2002 4:24 am
Sample : cal 10
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 2 5:02 2002 Quan

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 Mar 28 14:51:00 2002
Response via : Initial Calibration

