

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 13:22:21

Sample: AD30001
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 12/14/01 00:02 Ended: 12/14/01 00:02 Analyst: BH
 Result source: a:\1214r40.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		6.0		
2	4-BROMOFLUOROBENZENE		6.5		
3	DICHLORODIFLUOROMETHAN		50		.5
4	CHLOROMETHANE		69		.5
5	VINYL CHLORIDE		67		.5
6	BROMOMETHANE		70		.5
7	CHLOROETHANE		69		.5
8	TRICHLOROFLUOROMETHAN		62		.5
9	ACETONE		51		.5
10	1,1-DICHLOROETHENE		50		.5
11	METHYLENE CHLORIDE		53		.5
12	METHYL TERT BUTYL ETHER		35		1
13	TRANS-1,2-DICHLOROETHEN		51		.5
14	1,1-DICHLOROETHANE		48		.5
15	2-BUTANONE (MEK)		48		.5
16	2,2-DICHLOROPROPANE		53		.5
17	CIS-1,2-DICHLOROETHENE		45		.5
18	CHLOROFORM		52		.5
19	BROMOCHLOROMETHANE		53		.5
20	1,2-DICHLOROETHANE		50		.5
21	TOLUENE-D8		5.0		
22	1,1,1-TRICHLOROETHANE		50		.5
23	1,1-DICHLOROPROPENE		48		.5
24	CARBON TETRACHLORIDE		52		.5
25	BENZENE		44		.5
26	TRICHLOROETHENE		45		.5
27	1,2-DICHLOROPROPANE		42		.5
28	DIBROMOMETHANE		37		.5
29	BROMODICHLOROMETHANE		47		.5
30	2-CHLOROETHYL VINYL ETHE		35		.5
31	METHYL ISO-BUTYL KETONE		35		1
32	CIS-1,3-DICHLOROPROPENE		44		.5
33	TOLUENE		45		.5
34	TRANS-1,3-DICHLOROPROPE		46		.5
35	1,1,2-TRICHLOROETHANE		44		.5
36	TETRACHLOROETHENE		45		.5
37	1,3-DICHLOROPROPANE		46		.5
38	DIBROMOCHLOROMETHANE		46		2
39	1,2-DIBROMOETHANE		42		.5
40	CHLOROBENZENE		44		.5
41	1,1,1,2-TETRACHLOROETHA		46		.5
42	2-HEXANONE		52		.5
43	ETHYLBENZENE		49		.5
44	P & M-XYLENE		94		.5
45	O-XYLENE		54		.5
46	STYRENE		50		.5
47	1,1,2,2-TETRACHLOROETHA		52		.5
48	BROMOFORM		41		2

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 Started: 12/14/01 00:02 Ended: 12/14/01 00:02 Analyst: BH
 Result source: a:\1214r40.rr
 Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		39		.5
50	1,2,3-TRICHLOROPROPANE		36		.5
51	N-PROPYLBENZENE		43		.5
52	BROMOBENZENE		38		.5
53	1,3,5-TRIMETHYLBENZENE		41		.5
54	2-CHLOROTOLUENE		40		.5
55	4-CHLOROTOLUENE		45		.5
56	TERT-BUTYLBENZENE		42		.5
57	1,2,4-TRIMETHYLBENZENE		43		.5
58	SEC-BUTYLBENZENE		42		.5
59	P-ISOPROPYLTOLUENE		41		.5
60	1,3-DICHLOROBENZENE		41		.5
61	1,4-DICHLOROBENZENE		42		.5
62	N-BUTYLBENZENE		45		.5
63	1,2-DICHLOROBENZENE		42		.5
64	1,2-DIBROMO-3-CHLOROPRO		39		.5
65	1,2,4-TRICHLOROBENZENE		44		.5
66	HEXACHLOROBUTADIENE		43		.5
67	NAPHTHALENE		43		.5
68	1,2,3-TRICHLOROBENZENE		43		.5
69	ETHANOL		< MDL		30

User: Huhn, William
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 Date: 12/19/2001 Time: 13:23:31

Sample: AD30001
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 12/19/01 13:21 Ended: 12/19/01 13:21 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		6.5 ✓		.5
3	Dichlorodifluoromethane		125		.5
4	1,1,1-trichloroethane		125		.5
5	Vinyl chloride		167.5		.5
6	Bromochloromethane		125		.5
7	1,1,2-trichloroethane		125		.5
8	1,1,1,2-tetrafluoroethane		125		.5
9	1,1-Dichloroethene		125		.5
10	Methylene Chloride		132.5		.5
11	Methyl tert butyl ether		87.5		1.0
12	trans-1,2-dichloroethene		127.5		.5
13	1,1-dichloroethane		120		.5
14	2-butanone (MEK)		120		2.0
15	1,1,1-trichloroethane		125		.5
16	cis-1,2-dichloroethene		112.5		.5
17	Chloroform		130		.5
18	1,1,1-trichloroethane		125		.5
19	1,2-dichloroethane		125		.5
20	Surr - TOLUENE-D8		5 ✓		.5
21	1,1,1-trichloroethane		125		.5
22	1,1-dichloropropene		120		.5
23	Carbon tetrachloride		130		.5
24	Benzene		110		.5
25	Trichloroethene		112.5		.5
26	1,2-dichloropropane		105		.5
27	Dibromomethane		92.5		.5
28	Bromodichloromethane		117.5		.5
29	Methyl iso-butyl ketone		87.5		1.0
30	cis-1,3-dichloropropene		110		.5
31	Toluene		112.5		.5
32	trans-1,3-dichloropropene		115		.5
33	1,1,2-trichloroethane		110		.5
34	Tetrachloroethene		112.5		.5
35	1,3-dichloropropane		115		.5
36	Dibromochloromethane		115		2.0
37	Chlorobenzene		110		.5
38	1,1,1,2-tetrachloroethane		115		.5
39	Ethylbenzene		122.5		.5
40	P & M-xylene		117.5		.5
41	1,1,1-trichloroethane		125		.5
42	Styrene		125		.5
43	1,1,2,2-tetrachloroethane		130		.5
44	Bromoform		102.5		2.0
45	Isopropylbenzene		97.5		.5
46	1,2,3-trichloropropane		90		.5
47	N-propylbenzene		107.5		.5
48	Bromobenzene		95		.5

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Date: 12/19/2001 Time: 13:23:31

Sample: AD30001
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 12/19/01 13:21 Ended: 12/19/01 13:21 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		102.5		.5
50	2-chlorotoluene		100		.5
51	4-chlorotoluene		112.5		.5
52	TERT-butylbenzene		105		.5
53	1,2,4-trimethylbenzene		107.5		.5
54	SEC-butylbenzene		105		.5
55	P-isopropyltoluene		102.5		.5
56	1,3-dichlorobenzene		102.5		.5
57	1,4-dichlorobenzene		105		.5
58	N-butylbenzene		112.5		.5
59	1,2-dichlorobenzene		105		.5
60	1,2,4-trichlorobenzene		110		.5
61	Hexachlorobutadiene		107.5		.5
62	Naphthalene		107.5		.5
63	1,2,3-trichlorobenzene		107.5		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec14\1214R40.D

Vial: 9

Acq On : 14 Dec 2001 12:08 pm

Operator: 206-BH

Sample : ref 40

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 14 12:47 2001

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 12 08:39:59 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	807874	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	843441	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	639230	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	320080	6.02	ug/L	0.09
Spiked Amount 5.000			Recovery	=	120.40%	
3) 4-BROMOFLUOROBENZENE	23.62	174	401671	6.48	ug/L	0.09
Spiked Amount 5.000			Recovery	=	129.60%	
23) TOLUENE-D8	17.78	98	1112355	4.97	ug/L	0.10
Spiked Amount 5.000			Recovery	=	99.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.48	85	1321320	50.12	ug/L	99
5) CHLOROMETHANE	5.00	50	1135660	69.28	ug/L	97
6) VINYL CHLORIDE	5.13	62	1089149	66.81	ug/L	97
7) BROMOMETHANE	6.07	94	1002091	70.28	ug/L	98
8) CHLOROETHANE	6.21	64	770161	68.90	ug/L	97
9) TRICHLOROFLUOROMETHANE	6.76	101	2188640	61.85	ug/L	97
10) ACETONE	7.69	43	274974	50.74	ug/L	93
11) 1,1-DICHLOROETHENE	8.03	61	2292602	49.94	ug/L	100
12) METHYLENE CHLORIDE	9.00	49	2359165	53.01	ug/L	98
13) METHYL TERT BUTYL ETHER	9.29	73	2082722	35.46	ug/L	100
14) TRANS-1,2-DICHLOROETHENE	9.65	61	2529002	50.79	ug/L	98
15) 1,1-DICHLOROETHANE	10.54	63	2968738	47.80	ug/L	98
16) 2-BUTANONE (MEK)	11.36	43	456674	47.70	ug/L	100
17) 2,2-DICHLOROPROPANE	11.73	77	2688353	52.53	ug/L	97
18) CIS-1,2-DICHLOROETHENE	11.83	96	1568128	45.06	ug/L	97
19) CHLOROFORM	12.16	83	3060842	51.65	ug/L	99
20) BROMOCHLOROMETHANE	12.53	49	1477112	52.53	ug/L	93
21) 1,2-DICHLOROETHANE	13.88	62	1987881	49.84	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.04	97	2567723	49.56	ug/L	97
25) 1,1-DICHLOROPROPENE	13.38	75	2438210	47.69	ug/L	99
26) CARBON TETRACHLORIDE	13.62	117	2278052	51.70	ug/L	99
27) BENZENE	13.98	78	6571099	44.22	ug/L	98
28) TRICHLOROETHENE	15.24	95	1776803	44.63	ug/L	95
29) 1,2-DICHLOROPROPANE	15.58	63	1738999	42.01	ug/L	99
30) DIBROMOMETHANE	16.25	174	539897	36.64	ug/L	96
31) BROMODICHLOROMETHANE	16.09	83	2244543	47.06	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	543172	35.33	ug/L	95
33) Methyl iso-butyl ketone	16.67	58	279794	35.39	ug/L	94

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

1214R40.D HP121001.M

Fri Dec 14 12:47:26 2001

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Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec14\1214R40.D
 Acq On : 14 Dec 2001 12:08 pm
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 14 12:47 2001

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	CIS-1,3-DICHLOROPROPENE	17.18	75	2611212	43.72 ug/L	99
35)	TOLUENE	17.95	91	7466676	44.52 ug/L	99
36)	TRANS-1,3-DICHLOROPROPENE	18.22	75	2118025	45.66 ug/L	99
37)	1,1,2-TRICHLOROETHANE	18.60	97	1013504	44.12 ug/L	97
38)	TETRACHLOROETHENE	19.38	166	1795977	45.42 ug/L	99
39)	1,3-DICHLOROPROPANE	19.12	76	2049675	46.20 ug/L	100
40)	DIBROMOCHLOROMETHANE	19.81	129	1292924	46.31 ug/L	98
41)	1,2-DIBROMOETHANE	20.25	107	908547	41.55 ug/L	98
42)	CHLOROBENZENE	21.13	112	4931050	44.21 ug/L	99
43)	1,1,1,2-TETRACHLOROETHANE	21.19	131	1681356	46.23 ug/L	97
44)	2-HEXANONE	18.51	43	686100	51.95 ug/L	99
45)	ETHYLBENZENE	21.19	91	10197981	49.37 ug/L	95
46)	P & M-XYLENE	21.34	106	7266323	93.63 ug/L	90
47)	O-XYLENE	22.31	91	8847651	53.74 ug/L	96
48)	STYRENE	22.36	104	6377012	49.81 ug/L	98
49)	1,1,2,2-TETRACHLOROETHANE	23.38	83	1273980	51.84 ug/L	100
51)	BROMOFORM	23.21	173	796492	41.22 ug/L	99
52)	ISOPROPYLBENZENE	23.04	105	10941442	39.19 ug/L	99
53)	1,2,3-TRICHLOROPROPANE	23.71	110	362253	35.58 ug/L	99
54)	N-PROPYLBENZENE	23.89	91	15541281	42.93 ug/L	96
55)	BROMOBENZENE	24.13	156	2257322	37.95 ug/L	92
56)	1,3,5-TRIMETHYLBENZENE	24.22	105	9769079	40.52 ug/L	96
57)	2-CHLOROTOLUENE	24.37	91	9198785	40.07 ug/L	100
58)	4-CHLOROTOLUENE	24.46	91	9311675	45.30 ug/L	99
59)	TERT-BUTYLBENZENE	25.00	134	2138567	41.52 ug/L	94
60)	1,2,4-TRIMETHYLBENZENE	25.10	105	10698199	42.74 ug/L	98
61)	SEC-BUTYLBENZENE	25.46	105	14202300	42.30 ug/L	99
62)	P-ISOPROPYLTOLUENE	25.72	119	11089589	41.13 ug/L	99
63)	1,3-DICHLOROBENZENE	26.08	146	5317288	41.36 ug/L	98
64)	1,4-DICHLOROBENZENE	26.28	146	5367582	41.75 ug/L	98
65)	N-BUTYLBENZENE	26.60	91	11727643	45.46 ug/L	97
66)	1,2-DICHLOROBENZENE	27.11	146	4451331	41.95 ug/L	99
67)	1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	212210	39.13 ug/L	95
68)	NITROBENZENE	28.97	77	1750664	783.13 ug/L	96
69)	1,2,4-TRICHLOROBENZENE	30.71	180	2595147	44.12 ug/L	98
70)	HEXACHLOROBUTADIENE	30.97	225	1539602	43.08 ug/L	99
71)	NAPHTHALENE	31.37	128	2765363	42.66 ug/L	99
72)	1,2,3-TRICHLOROBENZENE	31.94	180	1848284	42.82 ug/L	98

(#) = qualifier out of range (m) = manual integration
 1214R40.D HP121001.M Fri Dec 14 12:47:28 2001

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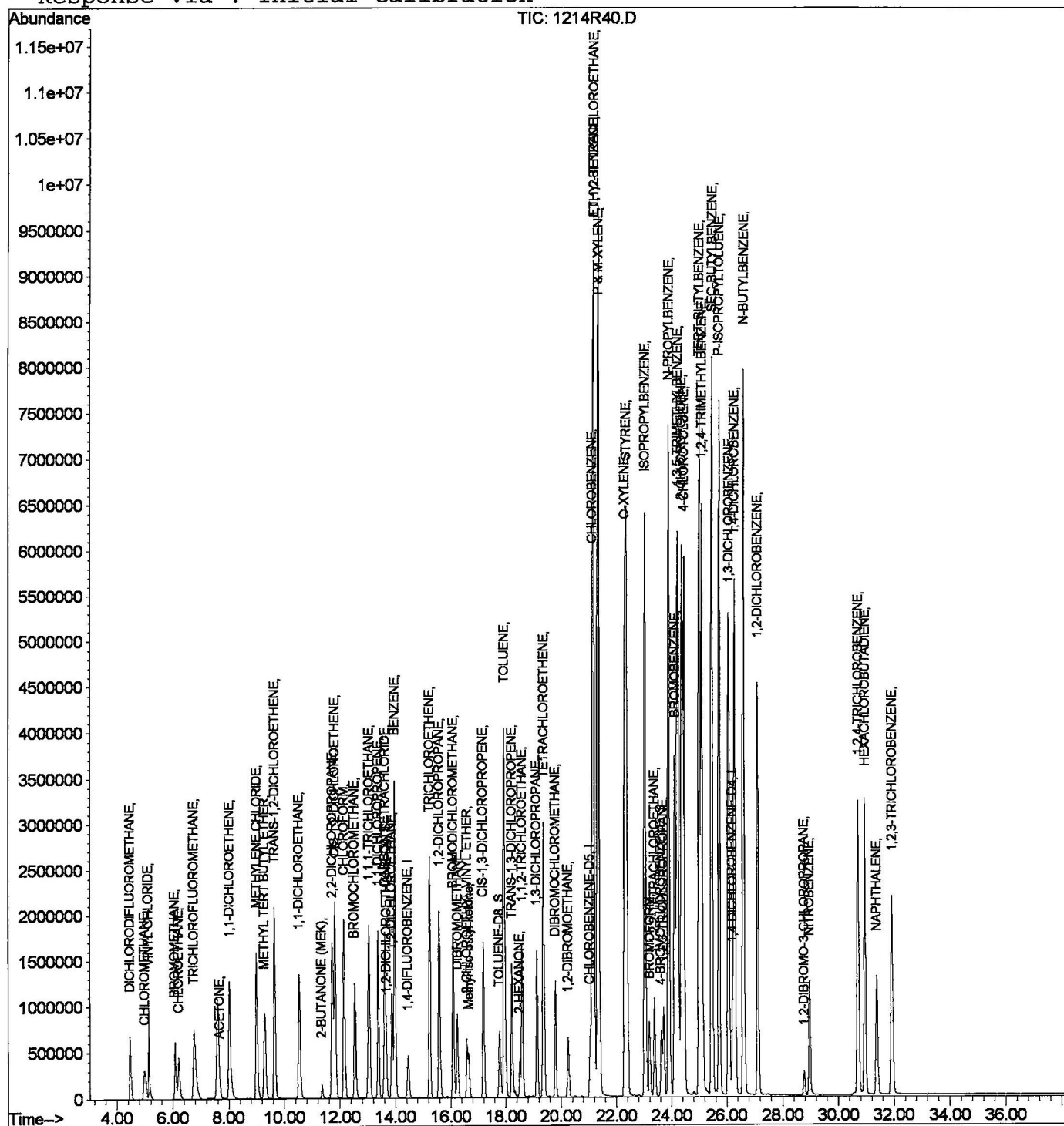
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec14\1214R40.D
Acq On : 14 Dec 2001 12:08 pm
Sample : ref 40
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 14 12:47 2001

Vial: 9
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

```
Method       : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update  : Wed Dec 12 08:39:32 2001
Response via : Initial Calibration
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User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 13:34:37

Sample: AD30001
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 12/17/01 00:08 Ended: 12/17/01 00:08 Analyst: BH
 Result source: a:\1217b\1.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.2
2	Surr - 4-BROMOFLUOROBENZ		4.8
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		1.0
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		0.34
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		4.9
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		0.14
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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:34:37

Sample: AD30001
Analysis: \$B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 12/17/01 00:08 Ended: 12/17/01 00:08 Analyst: BH
Result source: a:\1217b\1.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\01dec17\1217BL1.D
 Acq On : 17 Dec 2001 8:37 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 9:16 2001

Vial: 5
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.37	114	1337341	5.00	ug/L	0.02
22) CHLOROBENZENE-D5	20.96	117	1308890	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.13	152	617046	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.59	65	374159	4.25	ug/L	0.00
Spiked Amount 5.000			Recovery	=	85.00%	
3) 4-BROMOFLUOROBENZENE	23.54	174	489771	4.77	ug/L	0.00
Spiked Amount 5.000			Recovery	=	95.40%	
23) TOLUENE-D8	17.69	98	1708524	4.92	ug/L	0.02
Spiked Amount 5.000			Recovery	=	98.40%	
Target Compounds						Qvalue
10) ACETONE	7.64	43	9346	1.04	ug/L	97
16) 2-BUTANONE (MEK)	11.34	43	5460	0.34	ug/L	64
44) 2-HEXANONE	18.39	43	2808	0.14	ug/L	31

 (#) = qualifier out of range (m) = manual integration
 1217BL1.D HP121001.M Mon Dec 17 09:16:56 2001

Page 1

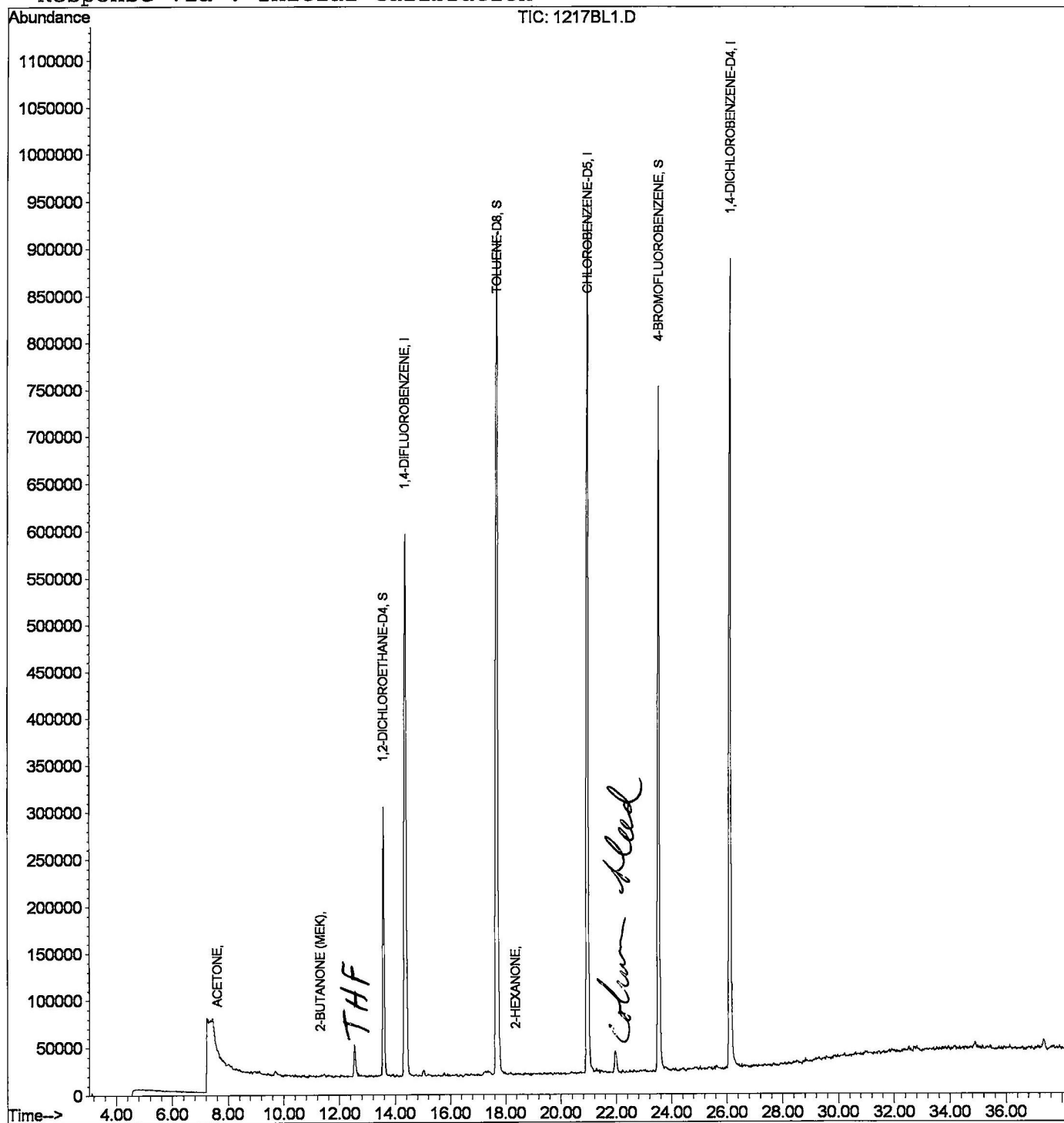
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\1217BL1.D
Acq On : 17 Dec 2001 8:37 am
Sample : lb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 17 9:16 2001

Vial: 5
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:32 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 13:35:14

Sample: AD30001
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/17/01 00:09 Ended: 12/17/01 00:09 Analyst: BH
 Result source: a:\1217c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.6		.5
2	Surr_4-BROMOFLUOROBENZE		5.3		.5
3	Dichlorodifluoromethane	USPEC	20		.5
4	Chloromethane	USPEC	17		.5
5	Vinyl chloride	USPEC	18		.5
6	Bromomethane	USPEC	19		.5
7	Chloroethane	USPEC	16		.5
8	Trichlorofluoromethane	USPEC	16		.5
9	1,1-Dichloroethene		9.8		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		9.2		1.0
12	trans-1,2-dichloroethene		9.7		.5
13	1,1-dichloroethane		9.9		.5
14	2-butanone (MEK)		11		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		9.7		.5
17	Chloroform		11		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		11		.5
24	Benzene		9.2		.5
25	Trichloroethene		9.9		.5
26	1,2-dichloropropane		9.6		.5
27	Dibromomethane		9.4		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		9.1		1.0
30	cis-1,3-dichloropropene		9.5		.5
31	Toluene		9.6		.5
32	trans-1,3-dichloropropene		9.8		.5
33	1,1,2-trichloroethane		9.4		.5
34	Tetrachloroethene		9.1		.5
35	1,3-dichloropropane		9.7		.5
36	Dibromochloromethane		9.7		2.0
37	Chlorobenzene		9.4		.5
38	1,1,1,2-tetrachloroethane		9.6		.5
39	Ethylbenzene		9.9		.5
40	P & M-xylene		19		.5
41	O-xylene		10		.5
42	Styrene		9.7		.5
43	1,1,2,2-tetrachloroethane		10		.5
44	Bromoform		9.0		2.0
45	Isopropylbenzene		8.9		.5
46	1,2,3-trichloropropane		8.8		.5
47	N-propylbenzene		9.1		.5
48	Bromobenzene		8.7		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:35:14

Sample: AD30001
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/17/01 00:09 Ended: 12/17/01 00:09 Analyst: BH
Result source: a:\1217c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.1		.5
50	2-chlorotoluene		9.4		.5
51	4-chlorotoluene		9.4		.5
52	TERT-butylbenzene		9.1		.5
53	1,2,4-trimethylbenzene		9.1		.5
54	SEC-butylbenzene		9.2		.5
55	P-isopropyltoluene		9.2		.5
56	1,3-dichlorobenzene		9.1		.5
57	1,4-dichlorobenzene		9.1		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		9.4		.5
60	1,2,4-trichlorobenzene		9.5		.5
61	Hexachlobutadiene		9.3		.5
62	Naphthalene		9.3		.5
63	1,2,3-trichlorobenzene		9.4		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\1217C10.D
 Acq On : 17 Dec 2001 9:36 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 10:15 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.37	114	1062905	5.00	ug/L	0.02
22) CHLOROBENZENE-D5	20.98	117	1059694	5.00	ug/L	0.02
50) 1,4-DICHLOROBENZENE-D4	26.14	152	638667	5.00	ug/L	0.03

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.60	65	389396	5.56	ug/L	0.02
Spiked Amount	5.000		Recovery	=	111.20%	
3) 4-BROMOFLUOROBENZENE	23.55	174	430615	5.28	ug/L	0.02
Spiked Amount	5.000		Recovery	=	105.60%	
23) TOLUENE-D8	17.69	98	1422306	5.06	ug/L	0.02
Spiked Amount	5.000		Recovery	=	101.20%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.45	85	700212	20.19	ug/L	99
5) CHLOROMETHANE	4.97	50	376280	17.45	ug/L	97
6) VINYL CHLORIDE	5.12	62	385010	17.95	ug/L	95
7) BROMOMETHANE	6.04	94	363126	19.36	ug/L	97
8) CHLOROETHANE	6.16	64	235529	16.02	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.71	101	734182	15.77	ug/L	100
10) ACETONE	7.64	43	68966	9.67	ug/L	97
11) 1,1-DICHLOROETHENE	7.98	61	591303	9.79	ug/L	90
12) METHYLENE CHLORIDE	8.95	49	590609	10.09	ug/L	89
13) METHYL TERT BUTYL ETHER	9.24	73	714708	9.25	ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.60	61	633379	9.67	ug/L	88
15) 1,1-DICHLOROETHANE	10.47	63	809895	9.91	ug/L	98
16) 2-BUTANONE (MEK)	11.30	43	135193	10.73	ug/L	95
17) 2,2-DICHLOROPROPANE	11.66	77	689568	10.24	ug/L	100
18) CIS-1,2-DICHLOROETHENE	11.76	96	441948	9.65	ug/L	87
19) CHLOROFORM	12.10	83	823608	10.56	ug/L	99
20) BROMOCHLOROMETHANE	12.46	49	386437	10.44	ug/L	95
21) 1,2-DICHLOROETHANE	13.79	62	554882	10.57	ug/L	96
24) 1,1,1-TRICHLOROETHANE	12.97	97	678050	10.42	ug/L	98
25) 1,1-DICHLOROPROPENE	13.31	75	648164	10.09	ug/L	97
26) CARBON TETRACHLORIDE	13.55	117	587465	10.61	ug/L	98
27) BENZENE	13.91	78	1726871	9.25	ug/L	99
28) TRICHLOROETHENE	15.17	95	494681	9.89	ug/L	98
29) 1,2-DICHLOROPROPANE	15.51	63	497288	9.56	ug/L	99
30) DIBROMOMETHANE	16.18	174	173174	9.35	ug/L	89
31) BROMODICHLOROMETHANE	16.02	83	630214	10.52	ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.52	63	186431	9.65	ug/L	98
33) Methyl iso-butyl ketone	16.60	58	90842	9.15	ug/L	100

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

1217C10.D HP121001.M Mon Dec 17 10:15:26 2001

Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\1217C10.D

Vial: 8

Acq On : 17 Dec 2001 9:36 am

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 17 10:15 2001

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 12 08:39:59 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.11	75	711711	9.48	ug/L	99
35) TOLUENE	17.88	91	2013571	9.56	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.15	75	569306	9.77	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.53	97	272742	9.45	ug/L	98
38) TETRACHLOROETHENE	19.31	166	451398	9.09	ug/L	97
39) 1,3-DICHLOROPROPANE	19.06	76	541822	9.72	ug/L	99
40) DIBROMOCHLOROMETHANE	19.74	129	339965	9.69	ug/L	96
41) 1,2-DIBROMOETHANE	20.18	107	254352	9.26	ug/L	97
42) CHLOROETHENE	21.07	112	1318083	9.41	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.10	131	439754	9.62	ug/L	98
44) 2-HEXANONE	18.44	43	181549	10.94	ug/L	99
45) ETHYLBENZENE	21.12	91	2572918	9.91	ug/L	98
46) P & M-XYLENE	21.27	106	1851275	18.99	ug/L	97
47) O-XYLENE	22.24	91	2098748	10.15	ug/L	99
48) STYRENE	22.29	104	1568211	9.75	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.32	83	312312	10.12	ug/L	98
51) BROMOFORM	23.13	173	173796	9.00	ug/L	98
52) ISOPROPYLBENZENE	22.96	105	2478144	8.88	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.64	110	89772	8.83	ug/L	94
54) N-PROPYLBENZENE	23.83	91	3302888	9.13	ug/L	100
55) BROMOBENZENE	24.05	156	518880	8.73	ug/L	98
56) 1,3,5-TRIMETHYLBENZENE	24.15	105	2188322	9.08	ug/L	99
57) 2-CHLOROTOLUENE	24.30	91	2151435	9.38	ug/L	97
58) 4-CHLOROTOLUENE	24.37	91	1930763	9.40	ug/L	100
59) TERT-BUTYLBENZENE	24.93	134	466183	9.06	ug/L	99
60) 1,2,4-TRIMETHYLBENZENE	25.02	105	2286974	9.15	ug/L	99
61) SEC-BUTYLBENZENE	25.39	105	3094320	9.22	ug/L	98
62) P-ISOPROPYLTOLUENE	25.65	119	2471240	9.17	ug/L	100
63) 1,3-DICHLOROBENZENE	25.99	146	1168968	9.10	ug/L	100
64) 1,4-DICHLOROBENZENE	26.21	146	1169407	9.10	ug/L	99
65) N-BUTYLBENZENE	26.54	91	2584660	10.03	ug/L	99
66) 1,2-DICHLOROBENZENE	27.05	146	995646	9.39	ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.70	157	51649	9.53	ug/L	97
68) NITROBENZENE	28.89	77	444881	199.19	ug/L	97
69) 1,2,4-TRICHLOROBENZENE	30.62	180	556675	9.47	ug/L	99
70) HEXACHLOROBUTADIENE	30.88	225	332295	9.31	ug/L	98
71) NAPHTHALENE	31.31	128	604812	9.34	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.85	180	403379	9.35	ug/L	98

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

1217C10.D HP121001.M Mon Dec 17 10:15:32 2001

Page 2

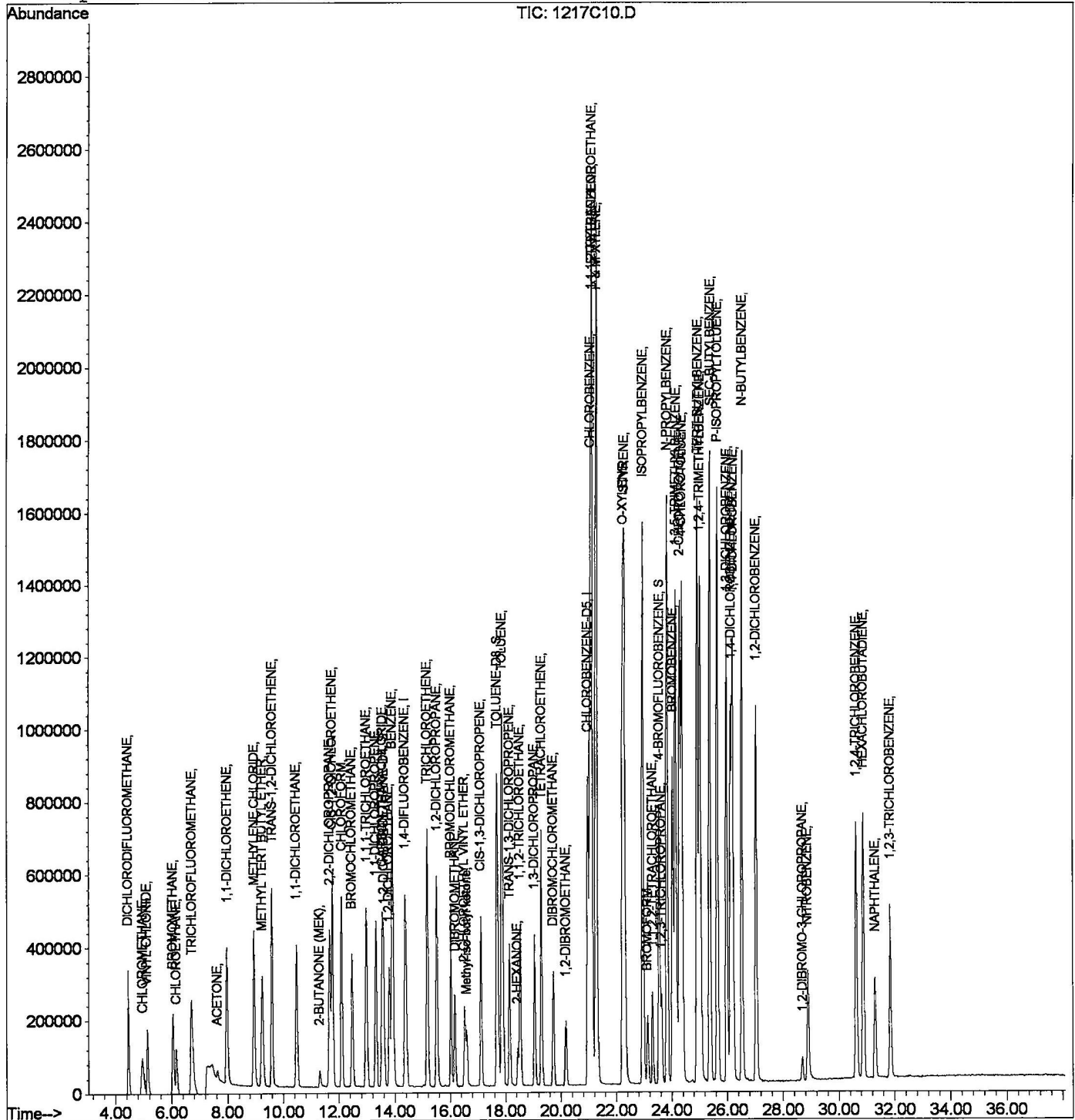
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\1217C10.D
 Acq On : 17 Dec 2001 9:36 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 10:15 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:32 2001
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 13:51:00

Sample: AD30001
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 12/17/01 00:06 Ended: 12/17/01 00:06 Analyst: BH
 Result source: a:\1217c10a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.4		.5
2	Surr_4-BROMOFLUOROBENZE		5.4		.5
3	Dichlorodifluoromethane	USPEC	16		.5
4	Chloromethane	USPEC	20		.5
5	Vinyl chloride	USPEC	17		.5
6	Bromomethane	USPEC	15		.5
7	Chloroethane	USPEC	16		.5
8	Trichlorofluoromethane	USPEC	13		.5
9	1,1-Dichloroethene		9.5		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether (MTBE)		9.3		1.0
12	trans-1,2-dichloroethene		9.9		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		11		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		9.4		.5
17	Chloroform		12		.5
18	Bromochloromethane		12		.5
19	1,2-dichloroethane		12		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		9.4		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.1		.5
25	Trichloroethene		9.3		.5
26	1,2-dichloropropane		9.8		.5
27	Dibromomethane		8.1		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		9.6		1.0
30	cis-1,3-dichloropropene		9.5		.5
31	Toluene		9.1		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		9.5		.5
34	Tetrachloroethene		7.5		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		9.3		2.0
37	Chlorobenzene		8.8		.5
38	1,1,1,2-tetrachloroethane		9.3		.5
39	Ethylbenzene		9.6		.5
40	P & M-xylene		18		.5
41	O-xylene		10		.5
42	Styrene		9.7		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		8.2		2.0
45	Isopropylbenzene		7.7		.5
46	1,2,3-trichloropropane		8.5		.5
47	N-propylbenzene		8.1		.5
48	Bromobenzene		7.5		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:51:00

Sample: AD30001
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 12/17/01 00:06 Ended: 12/17/01 00:06 Analyst: BH
Result source: a:\1217c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		8.0		.5
50	2-chlorotoluene		8.4		.5
51	4-chlorotoluene		8.7		.5
52	TERT-butylbenzene		8.0		.5
53	1,2,4-trimethylbenzene		8.4		.5
54	SEC-butylbenzene		8.2		.5
55	P-isopropyltoluene		8.3		.5
56	1,3-dichlorobenzene		8.3		.5
57	1,4-dichlorobenzene		8.3		.5
58	N-butylbenzene		9.2		.5
59	1,2-dichlorobenzene		8.7		.5
60	1,2,4-trichlorobenzene		8.5		.5
61	Hexachlobutadiene		8.2		.5
62	Naphthalene		8.7		.5
63	1,2,3-trichlorobenzene		8.4		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\1217C10A.D
 Acq On : 17 Dec 2001 6:20 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 18:58 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	685949	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	693371	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	472760	5.00	ug/L	0.12

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.69	65	287819	6.37	ug/L	0.10
Spiked Amount 5.000			Recovery	=	127.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	286669	5.45	ug/L	0.10
Spiked Amount 5.000			Recovery	=	109.00%	
23) TOLUENE-D8	17.78	98	953371	5.19	ug/L	0.10
Spiked Amount 5.000			Recovery	=	103.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	355060	15.86	ug/L	98
5) CHLOROMETHANE	5.02	50	273591	19.66	ug/L	98
6) VINYL CHLORIDE	5.17	62	241947	17.48	ug/L	98
7) BROMOMETHANE	6.10	94	183162	15.13	ug/L	100
8) CHLOROETHANE	6.23	64	155699	16.41	ug/L	97
9) TRICHLOROFLUOROMETHANE	6.78	101	395394	13.16	ug/L	99
10) ACETONE	7.70	43	50269	10.92	ug/L	99
11) 1,1-DICHLOROETHENE	8.04	61	368599	9.46	ug/L	99
12) METHYLENE CHLORIDE	9.02	49	435107	11.51	ug/L	99
13) METHYL TERT BUTYL ETHER	9.33	73	463105	9.29	ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.67	61	417875	9.88	ug/L	97
15) 1,1-DICHLOROETHANE	10.55	63	543292	10.30	ug/L	100
16) 2-BUTANONE (MEK)	11.39	43	92008	11.32	ug/L	97
17) 2,2-DICHLOROPROPANE	11.75	77	436485	10.04	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.85	96	277201	9.38	ug/L	100
19) CHLOROFORM	12.19	83	594354	11.81	ug/L	99
20) BROMOCHLOROMETHANE	12.55	49	275432	11.54	ug/L	91
21) 1,2-DICHLOROETHANE	13.88	62	392170	11.58	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.06	97	431409	10.13	ug/L	99
25) 1,1-DICHLOROPROPENE	13.40	75	392988	9.35	ug/L	99
26) CARBON TETRACHLORIDE	13.64	117	364100	10.05	ug/L	99
27) BENZENE	14.00	78	1109674	9.08	ug/L	100
28) TRICHLOROETHENE	15.26	95	304943	9.32	ug/L	96
29) 1,2-DICHLOROPROPANE	15.60	63	332091	9.76	ug/L	98
30) DIBROMOMETHANE	16.26	174	98128	8.10	ug/L	100
31) BROMODICHLOROMETHANE	16.11	83	418306	10.67	ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	122187	9.67	ug/L	98
33) Methyl iso-butyl ketone	16.67	58	62456	9.61	ug/L	87

(#) = qualifier out of range (m) = manual integration
 1217C10A.D HP121001.M Mon Dec 17 18:58:45 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\1217C10A.D
 Acq On : 17 Dec 2001 6:20 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 18:58 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	CIS-1,3-DICHLOROPROPENE	17.20	75	468172	9.54 ug/L	99
35)	TOLUENE	17.96	91	1249730	9.06 ug/L	98
36)	TRANS-1,3-DICHLOROPROPENE	18.24	75	382228	10.02 ug/L	99
37)	1,1,2-TRICHLOROETHANE	18.61	97	180056	9.53 ug/L	97
38)	TETRACHLOROETHENE	19.40	166	244095	7.51 ug/L	96
39)	1,3-DICHLOROPROPANE	19.14	76	363811	9.97 ug/L	99
40)	DIBROMOCHLOROMETHANE	19.82	129	213284	9.29 ug/L	97
41)	1,2-DIBROMOETHANE	20.26	107	163347	9.09 ug/L	99
42)	CHLOROBENZENE	21.15	112	811339	8.85 ug/L	95
43)	1,1,1,2-TETRACHLOROETHANE	21.18	131	278008	9.30 ug/L	97
44)	2-HEXANONE	18.53	43	130783	12.05 ug/L	98
45)	ETHYLBENZENE	21.20	91	1629406	9.60 ug/L	97
46)	P & M-XYLENE	21.36	106	1164294	18.25 ug/L	95
47)	O-XYLENE	22.33	91	1397210	10.32 ug/L	97
48)	STYRENE	22.38	104	1020088	9.69 ug/L	96
49)	1,1,2,2-TETRACHLOROETHANE	23.40	83	215513	10.67 ug/L	95
51)	BROMOFORM	23.21	173	117031	8.19 ug/L	98
52)	ISOPROPYLBENZENE	23.04	105	1600027	7.75 ug/L	100
53)	1,2,3-TRICHLOROPROPANE	23.72	110	63740	8.47 ug/L	99
54)	N-PROPYLBENZENE	23.91	91	2167935	8.10 ug/L	98
55)	BROMOBENZENE	24.13	156	331656	7.54 ug/L	90
56)	1,3,5-TRIMETHYLBENZENE	24.23	105	1429683	8.02 ug/L	97
57)	2-CHLOROTOLUENE	24.39	91	1430473	8.42 ug/L	99
58)	4-CHLOROTOLUENE	24.46	91	1320866	8.69 ug/L	96
59)	TERT-BUTYLBENZENE	25.02	134	304842	8.00 ug/L	95
60)	1,2,4-TRIMETHYLBENZENE	25.10	105	1560685	8.43 ug/L	97
61)	SEC-BUTYLBENZENE	25.48	105	2045388	8.24 ug/L	99
62)	P-ISOPROPYLTOLUENE	25.73	119	1655700	8.30 ug/L	98
63)	1,3-DICHLOROBENZENE	26.07	146	785563	8.26 ug/L	98
64)	1,4-DICHLOROBENZENE	26.30	146	790541	8.31 ug/L	99
65)	N-BUTYLBENZENE	26.62	91	1753552	9.19 ug/L	98
66)	1,2-DICHLOROBENZENE	27.13	146	682500	8.70 ug/L	97
67)	1,2-DIBROMO-3-CHLOROPROPAN	28.78	157	35525	8.86 ug/L	98
68)	NITROBENZENE	28.99	77	309469	187.18 ug/L	97
69)	1,2,4-TRICHLOROBENZENE	30.73	180	371877	8.55 ug/L	99
70)	HEXACHLOROBUTADIENE	30.96	225	217763	8.24 ug/L	98
71)	NAPHTHALENE	31.39	128	416100	8.68 ug/L	99
72)	1,2,3-TRICHLOROBENZENE	31.95	180	267286	8.37 ug/L	99

(#) = qualifier out of range (m) = manual integration
 1217C10A.D HP121001.M Mon Dec 17 18:58:47 2001

Page 2

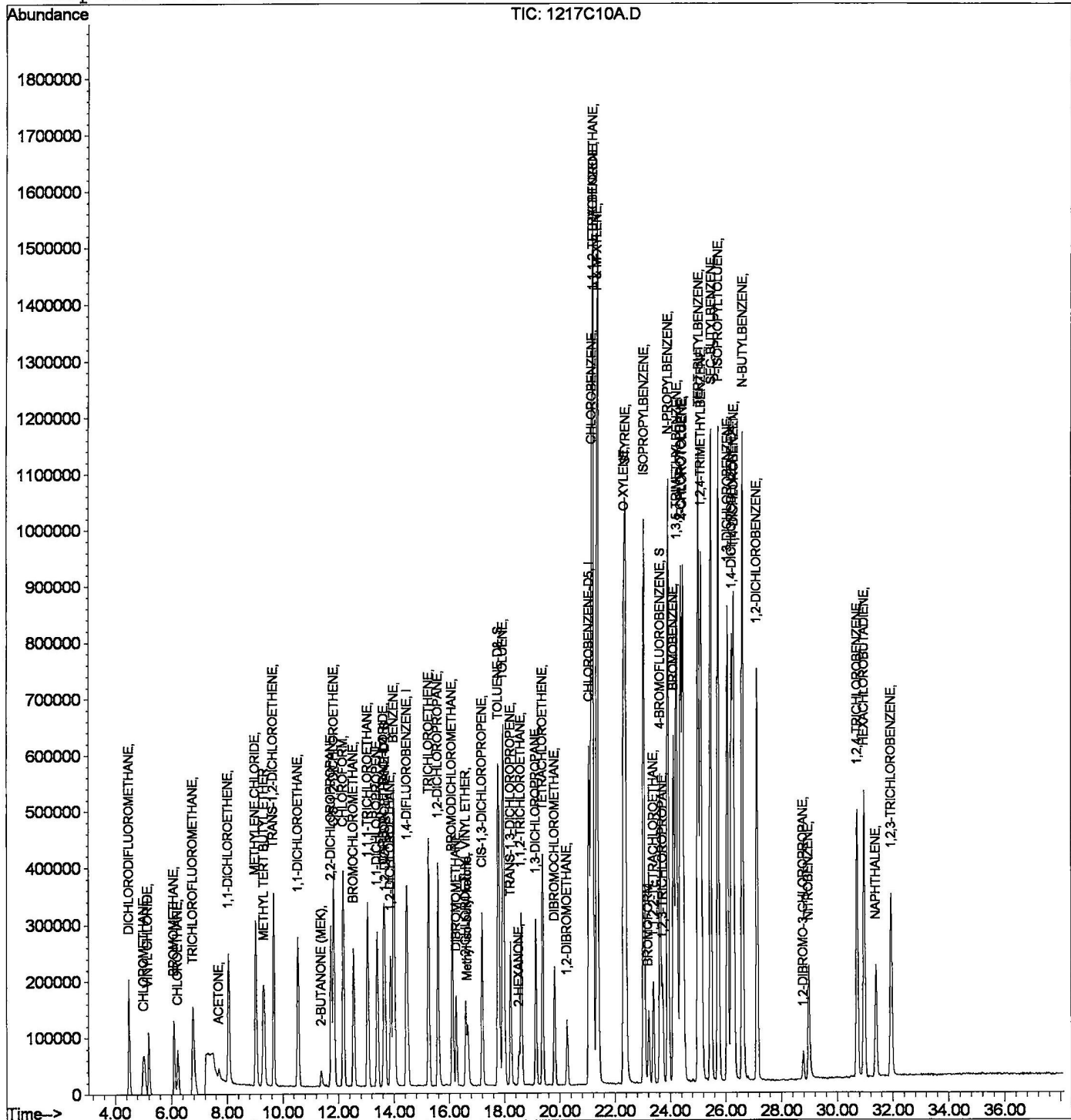
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\1217C10A.D
 Acq On : 17 Dec 2001 6:20 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 18:58 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:54:04

Sample: AD29789

Analysis: \$524 Volatile Organic Compounds

Units: ug

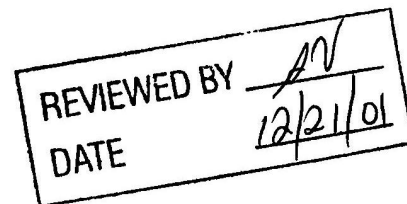
Started: 12/17/01 00:08 Ended: 12/17/01 00:08 Analyst: BH

Result source: a:\29789.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

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User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:54:04

Sample: AD29789
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/17/01 00:08 Ended: 12/17/01 00:08 Analyst: BH
Result source: a:\29789.rr
Page: 2

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

Comments for Sample AD29789 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-21-2001 Time: 15:40:11

THE SURROGATE RECOVERY FOR ONE OF THREE SURROGATES IS 2%HIGH.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\29789.D
 Acq On : 17 Dec 2001 8:30 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 21:09 2001

Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	668126	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	661900	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.25	152	297303	5.00	ug/L	0.14
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	290765	6.61	ug/L	0.12
Spiked Amount 5.000			Recovery	=	132.20%	
3) 4-BROMOFLUOROBENZENE	23.66	174	212824	4.15	ug/L	0.12
Spiked Amount 5.000			Recovery	=	83.00%	
23) TOLUENE-D8	17.80	98	932779	5.32	ug/L	0.12
Spiked Amount 5.000			Recovery	=	106.40%	
Target Compounds						Qvalue
10) ACETONE	7.72	43	42689	9.52	ug/L	93
16) 2-BUTANONE (MEK)	11.46	43	6318	0.80	ug/L	64
44) 2-HEXANONE	18.48	43	1103	0.11	ug/L	31

 (#) = qualifier out of range (m) = manual integration
 29789.D HP121001.M Mon Dec 17 21:09:42 2001

Page 1

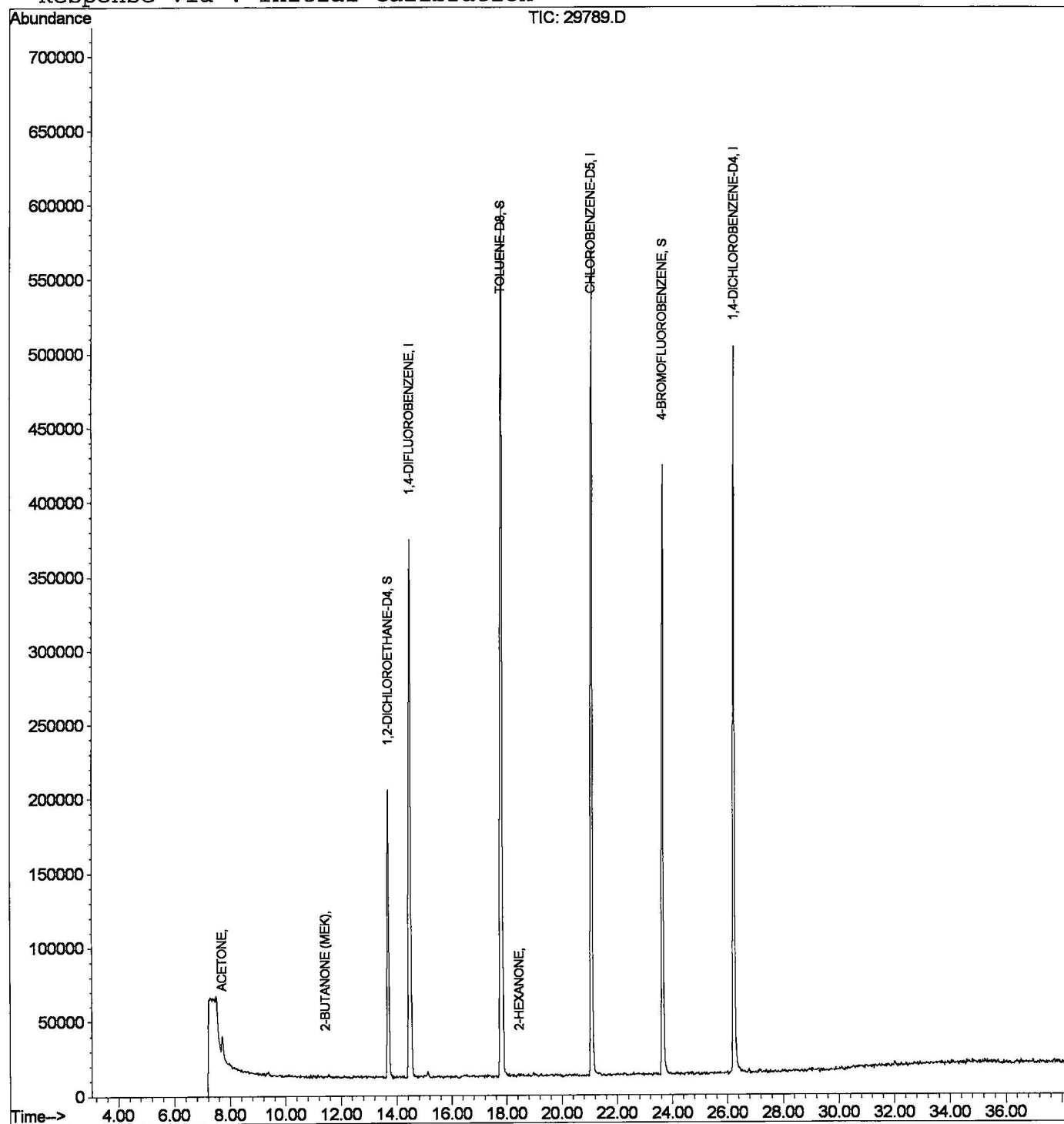
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\29789.D
Acq On : 17 Dec 2001 8:30 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 17 21:09 2001

Vial: 11
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec17\29789.D
 Acq On : 17 Dec 2001 8:30 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

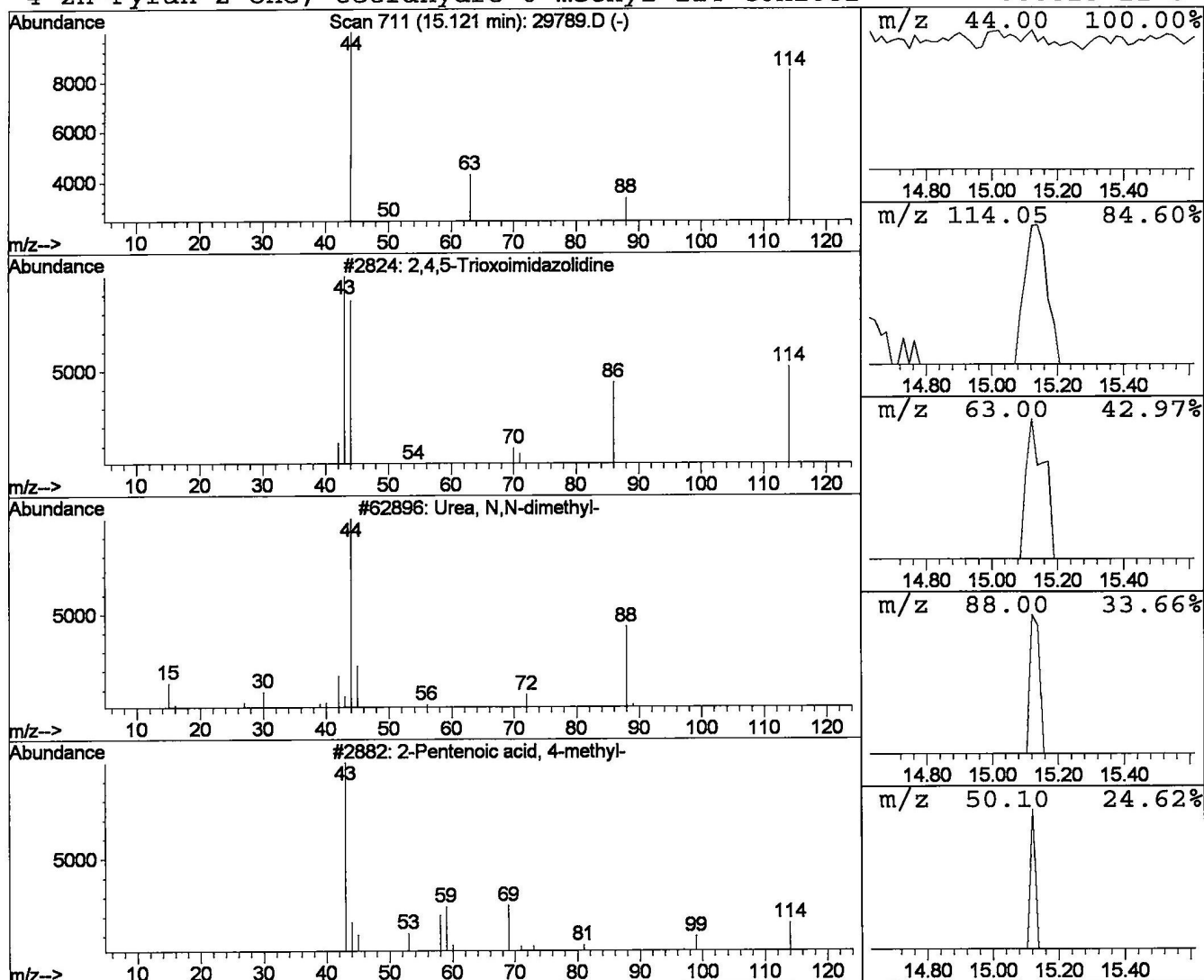
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 2,4,5-Trioxoimidazolidine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.04 ug/L	13719	1,4-DIFLUOROBENZENE	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2			Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
3			2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	4
4			2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3

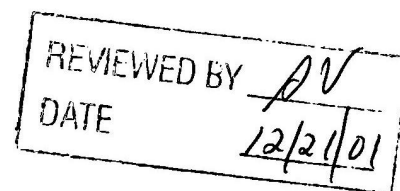


User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 13:56:03

Sample: AD29790
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/17/01 00:09 Ended: 12/17/01 00:09 Analyst: BH
 Result source: a:\29790.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.8		5.8
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

8701



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:56:03

Sample: AD29790
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/17/01 00:09 Ended: 12/17/01 00:09 Analyst: BH
Result source: a:\29790.rr
Page: 2

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

Comments for Sample AD29790 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-21-2001 Time: 15:40:35

THE SURROGATE RECOVERY FOR ONE OF THREE SURROGATES IS 8%HIGH.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\29790.D

Vial: 12

Acq On : 17 Dec 2001 9:14 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 17 21:52 2001

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 12 08:39:59 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	644549	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.08	117	656134	5.00	ug/L	0.12
50) 1,4-DICHLOROBENZENE-D4	26.24	152	291301	5.00	ug/L	0.14
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	292977	6.90	ug/L	0.12
Spiked Amount 5.000			Recovery	=	138.00%	
3) 4-BROMOFLUOROBENZENE	23.66	174	213381	4.31	ug/L	0.12
Spiked Amount 5.000			Recovery	=	86.20%	
23) TOLUENE-D8	17.79	98	914386	5.26	ug/L	0.12
Spiked Amount 5.000			Recovery	=	105.20%	
Target Compounds						Qvalue
10) ACETONE	7.72	43	32407	7.50	ug/L	95
13) METHYL TERT BUTYL ETHER	9.34	73	7736	0.17	ug/L	96
16) 2-BUTANONE (MEK)	11.46	43	4856	0.64	ug/L	64

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

29790.D HP121001.M Mon Dec 17 21:53:08 2001

Page 1

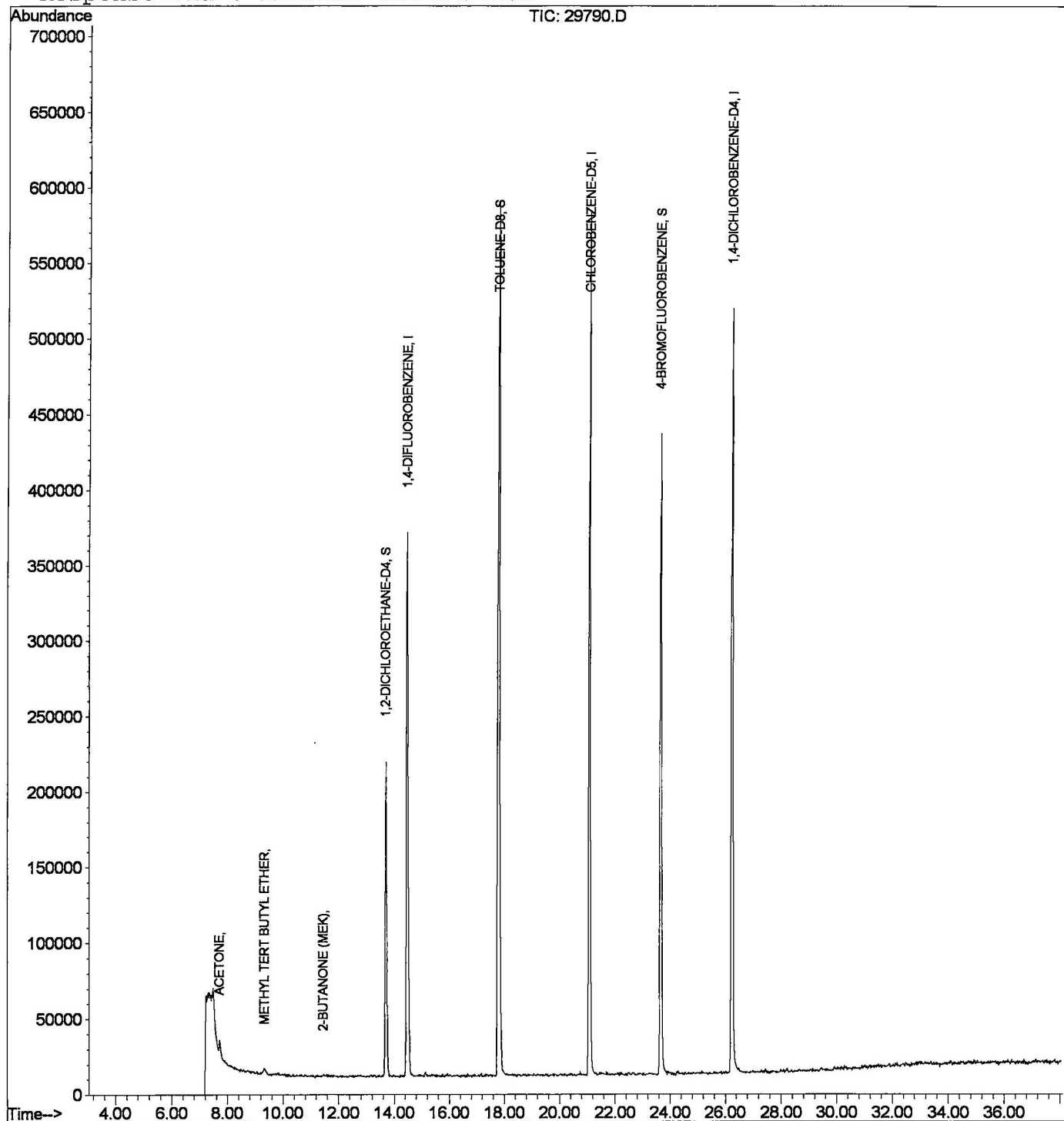
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\29790.D
Acq On : 17 Dec 2001 9:14 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 17 21:52 2001

Vial: 12
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec17\29790.D
 Acq On : 17 Dec 2001 9:14 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

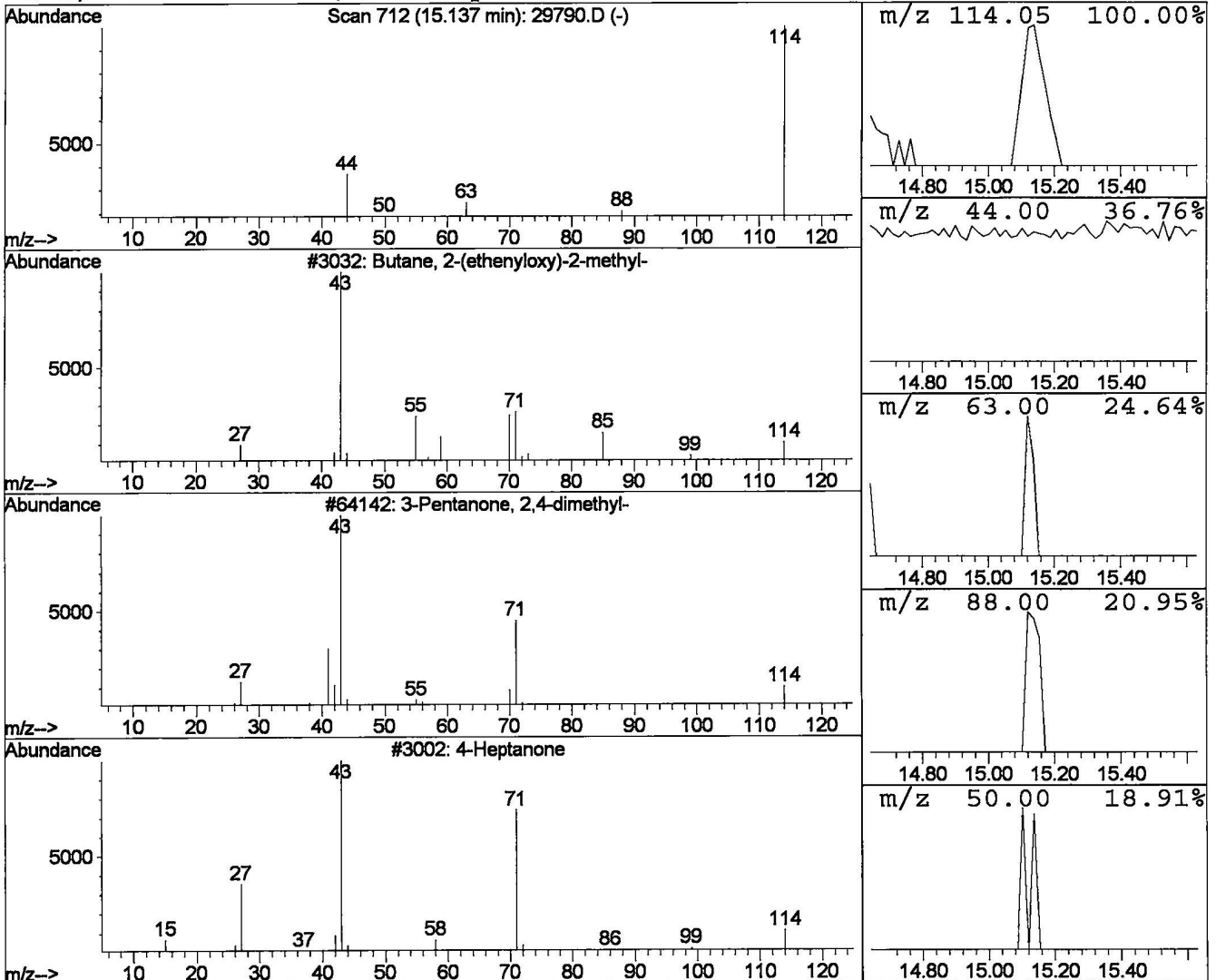
Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 Butane, 2-(ethenyloxy)-2-methyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.04 ug/L	12636	1,4-DIFLUOROBENZENE	14.47

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

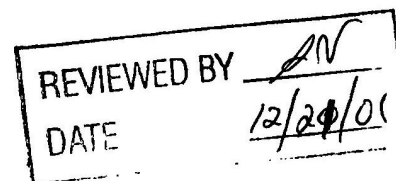


User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 13:57:36

Sample: AD29791
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/17/01 00:09 Ended: 12/17/01 00:09 Analyst: BH
 Result source: a:\29791.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

8761



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:57:36

Sample: AD29791
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/17/01 00:09 Ended: 12/17/01 00:09 Analyst: BH
Result source: a:\29791.rr
Page: 2

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

Comments for Sample AD29791 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-21-2001 Time: 15:40:51

THE SURROGATE RECOVERY FOR ONE OF THREE SURROGATES IS 8%HIGH.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\29791.D Vial: 13
 Acq On : 17 Dec 2001 9:58 pm Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 22:36 2001 Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	602564	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.08	117	619433	5.00	ug/L	0.12
50) 1,4-DICHLOROBENZENE-D4	26.25	152	280398	5.00	ug/L	0.14
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	273582	6.89	ug/L	0.12
Spiked Amount 5.000			Recovery	=	137.80%	
3) 4-BROMOFLUOROBENZENE	23.66	174	203725	4.41	ug/L	0.12
Spiked Amount 5.000			Recovery	=	88.20%	
23) TOLUENE-D8	17.80	98	869894	5.30	ug/L	0.12
Spiked Amount 5.000			Recovery	=	106.00%	
Target Compounds						Qvalue
10) ACETONE	7.72	43	19749	4.89	ug/L	95
16) 2-BUTANONE (MEK)	11.42	43	4077	0.57	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 29791.D HP121001.M Mon Dec 17 22:36:56 2001

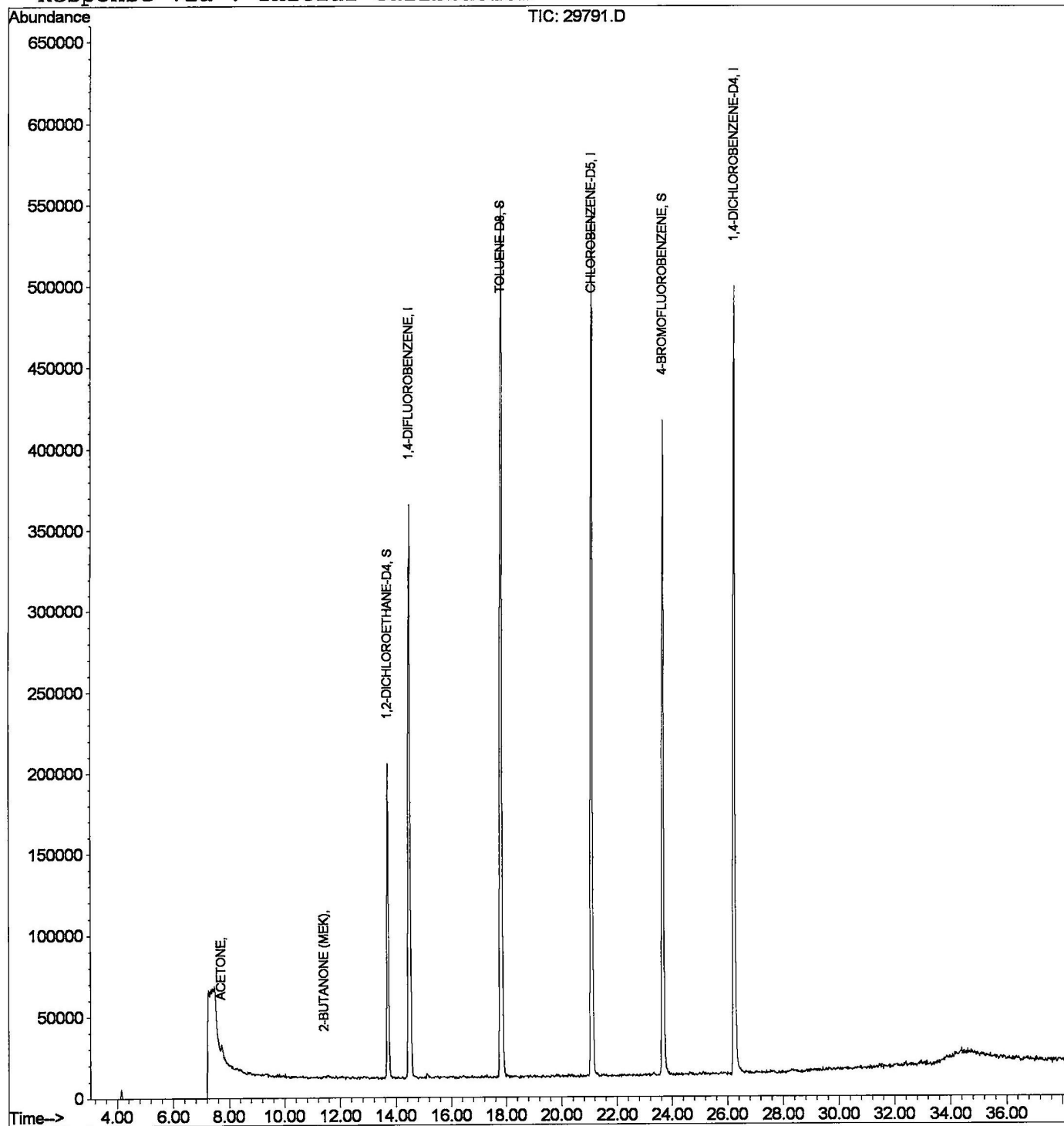
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\29791.D
Acq On : 17 Dec 2001 9:58 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 17 22:36 2001

Vial: 13
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec17\29791.D
Acq On : 17 Dec 2001 9:58 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

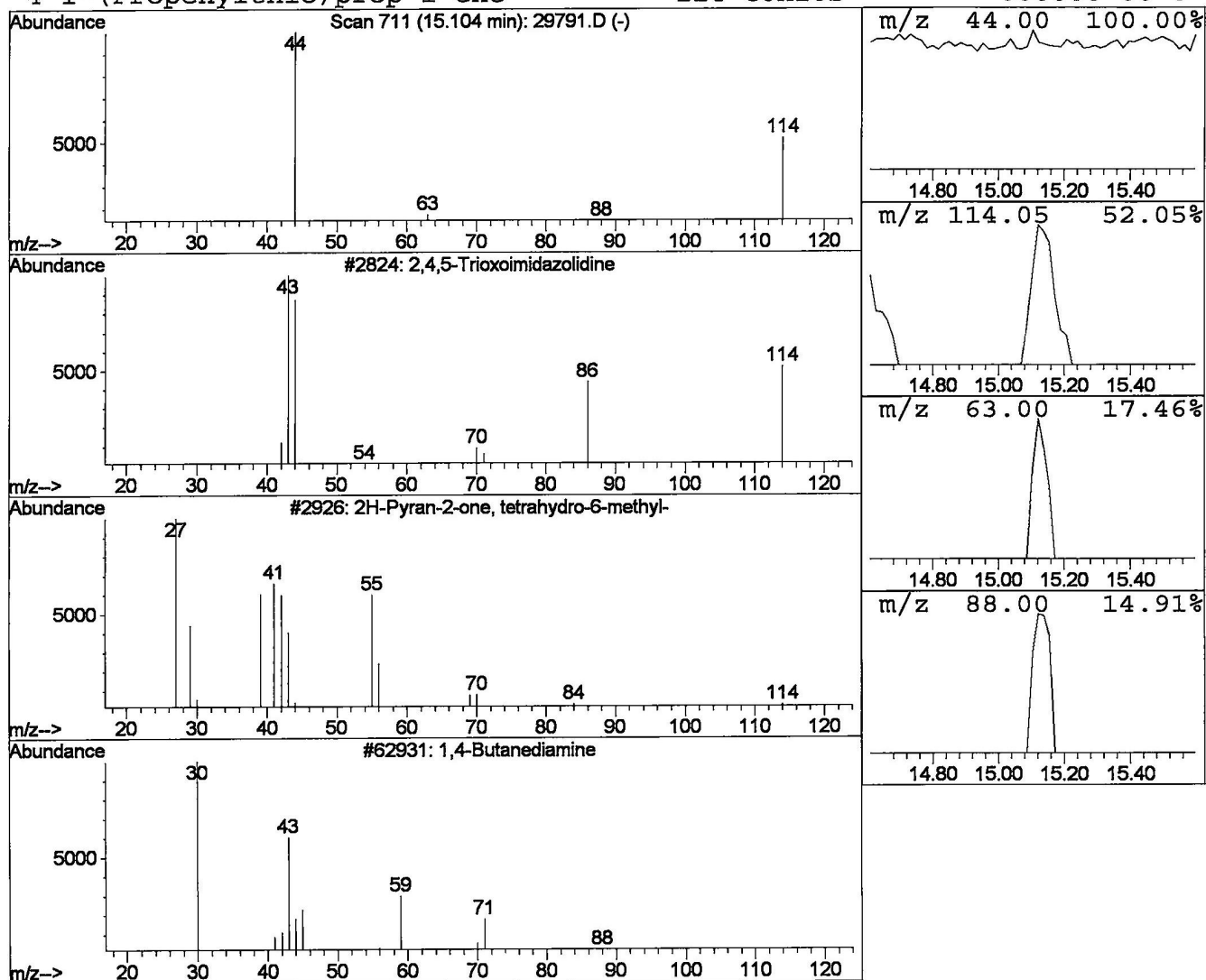
Vial: 13
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 4 2,4,5-Trioxoimidazolidine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	14138	1,4-DIFLUOROBENZENE	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2		2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
3		1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:58:29

Sample: AD29962
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/17/01 00:00 Ended: 12/17/01 00:00 Analyst: BH
Result source: a:\29962.r
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		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

4% ↑

REVIEWED BY	<i>DN</i>
DATE	12/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:58:29

Sample: AD29962
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/17/01 00:00 Ended: 12/17/01 00:00 Analyst: BH
Result source: a:\29962.rr
Page: 2

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

Comments for Sample AD29962 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-21-2001 Time: 15:44:15

THE SURROGATE RECOVERY FOR ONE OF THREE SURROGATES IS 4%HIGH.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\29962.D
 Acq On : 17 Dec 2001 10:41 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 23:20 2001

Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.49	114	638451	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.08	117	629937	5.00	ug/L	0.12
50) 1,4-DICHLOROBENZENE-D4	26.26	152	283975	5.00	ug/L	0.15
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	281859	6.70	ug/L	0.12
Spiked Amount 5.000			Recovery	=	134.00%	
3) 4-BROMOFLUOROBENZENE	23.67	174	202440	4.13	ug/L	0.14
Spiked Amount 5.000			Recovery	=	82.60%	
23) TOLUENE-D8	17.81	98	904569	5.42	ug/L	0.14
Spiked Amount 5.000			Recovery	=	108.40%	
Target Compounds						Qvalue
10) ACETONE	7.74	43	45675	10.66	ug/L	91
13) METHYL TERT BUTYL ETHER	9.36	73	8915	0.19	ug/L	97
16) 2-BUTANONE (MEK)	11.46	43	5701	0.75	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 29962.D HP121001.M Mon Dec 17 23:20:33 2001

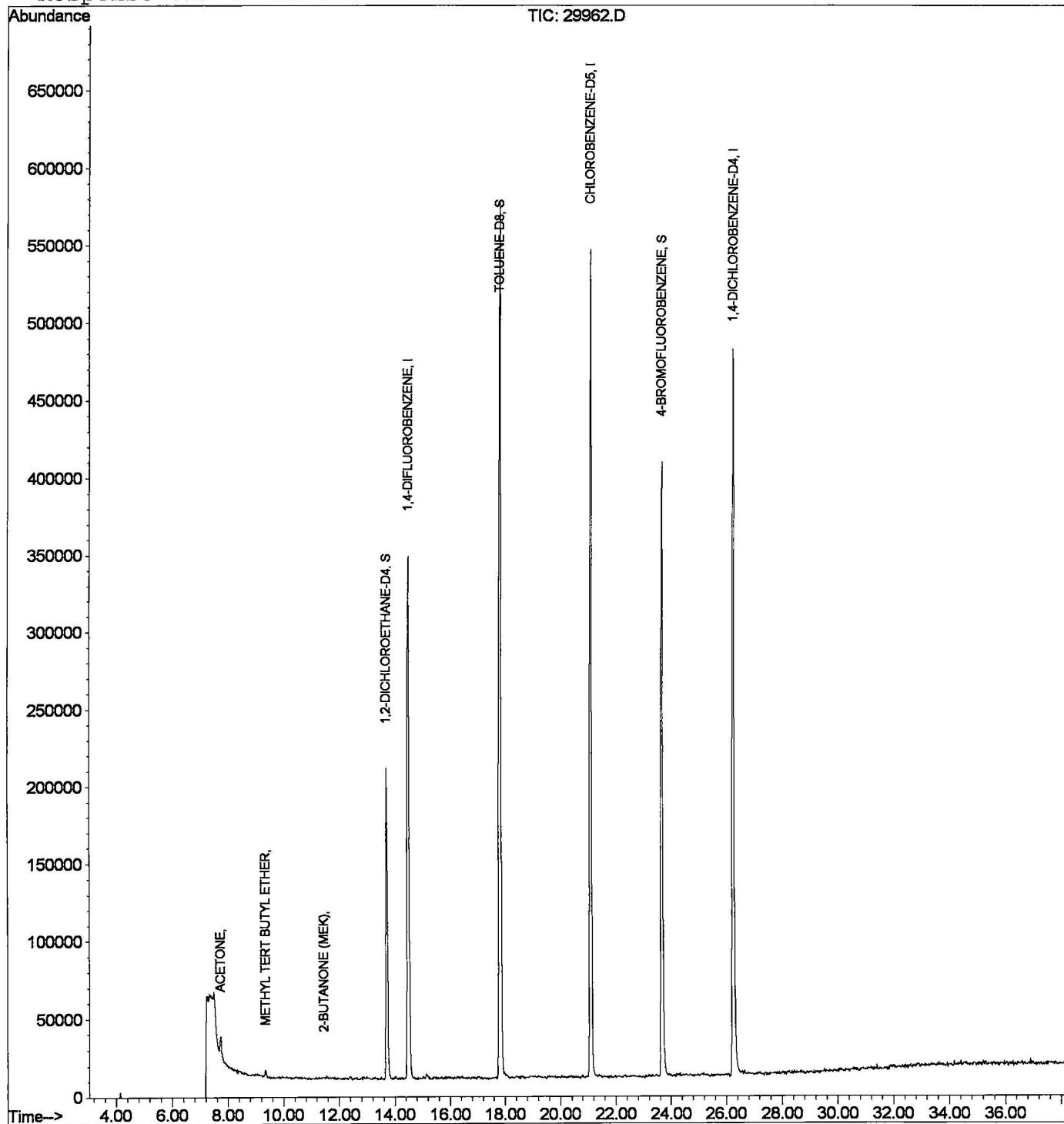
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\29962.D
 Acq On : 17 Dec 2001 10:41 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 17 23:20 2001

Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec17\29962.D
 Acq On : 17 Dec 2001 10:41 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

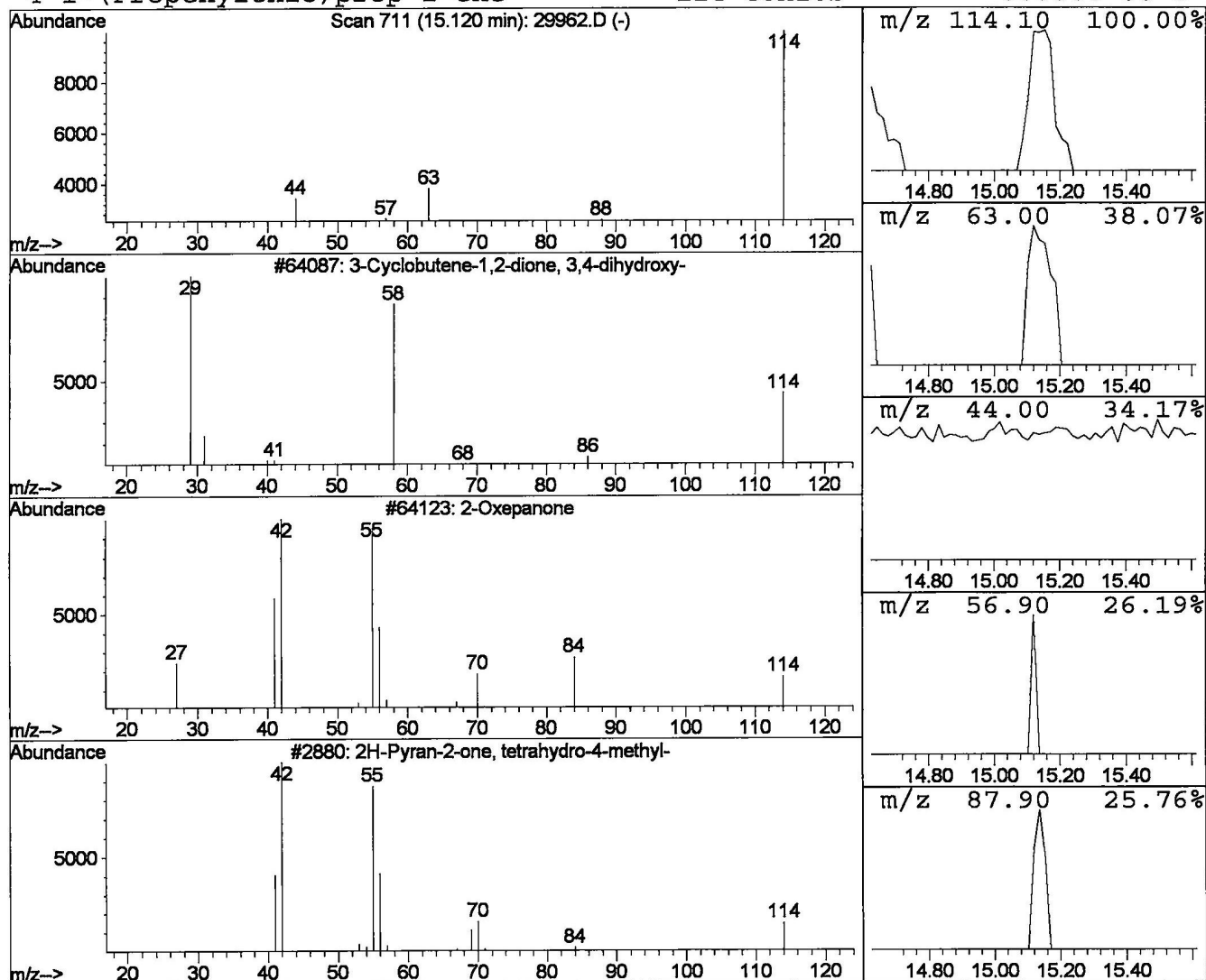
Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.04 ug/L	12630	1,4-DIFLUOROBENZENE	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	3
2		2-Oxepanone	114	C6H10O2	000502-44-3	3
3		2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 13:59:43

Sample: AD29963
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/17/01 00:01 Ended: 12/17/01 00:01 Analyst: BH
 Result source: a:\29963.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.4		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AN
 DATE 12/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:59:43

Sample: AD29963
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/17/01 00:01 Ended: 12/17/01 00:01 Analyst: BH
Result source: a:\29963.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
45	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\01DEC17\29963.D Vial: 15
 Acq On : 17 Dec 2001 11:25 pm Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 8:54 2001 Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.49	114	593538	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.10	117	611047	5.00	ug/L	0.14
50) 1,4-DICHLOROBENZENE-D4	26.26	152	265321	5.00	ug/L	0.15
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.72	65	250347	6.40	ug/L	0.14
Spiked Amount 5.000			Recovery	=	128.00%	
3) 4-BROMOFLUOROBENZENE	23.67	174	196231	4.31	ug/L	0.14
Spiked Amount 5.000			Recovery	=	86.20%	
23) TOLUENE-D8	17.81	98	861513	5.32	ug/L	0.14
Spiked Amount 5.000			Recovery	=	106.40%	
Target Compounds						Qvalue
10) ACETONE	7.74	43	29840	7.49	ug/L	98
16) 2-BUTANONE (MEK)	11.46	43	3782	0.54	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 29963.D HP121001.M Wed Dec 19 08:54:46 2001

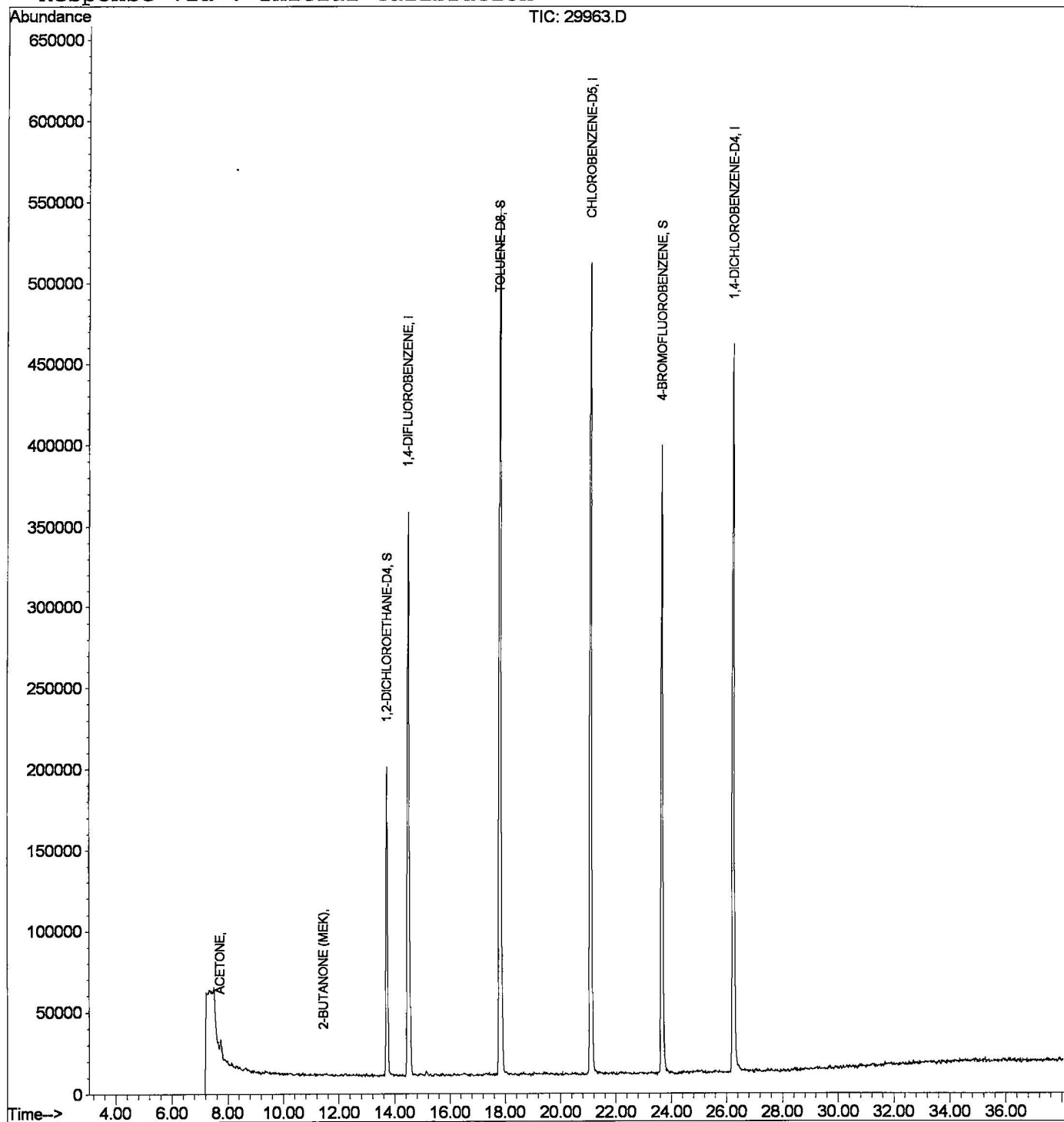
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC17\29963.D
Acq On : 17 Dec 2001 11:25 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 19 8:54 2001

Vial: 15
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 19 08:54:09 2001
Response via : Initial Calibration



Library Search Compound Report

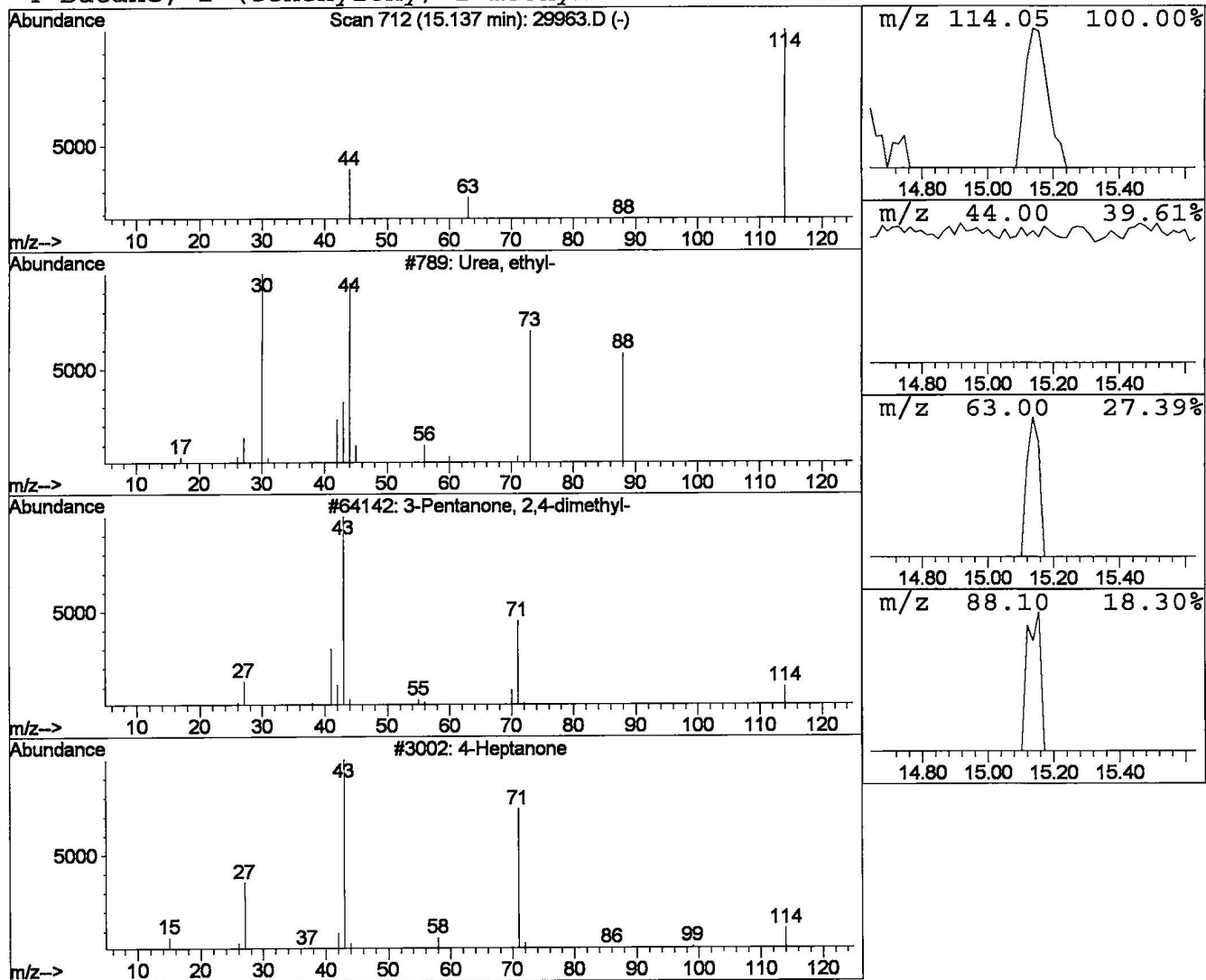
Data File : C:\HPCHEM\1\DATA\01dec17\29963.D
Acq On : 17 Dec 2001 11:25 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 6 Urea, ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.04 ug/L	13527	1,4-DIFLUOROBENZENE	14.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Urea, ethyl-	88 C3H8N2O	000625-52-5 4
2		3-Pentanone, 2,4-dimethyl-	114 C7H14O	000565-80-0 3
3		4-Heptanone	114 C7H14O	000123-19-3 3
4		Butane, 2-(ethenyloxy)-2-methyl-	114 C7H14O	029281-39-8 3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:02:34

Sample: AD29964
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/18/01 00:02 Ended: 12/18/01 00:02 Analyst: BH
 Result source: a:\29964.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	5.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

1790 11

REVIEWED BY *AT*
 DATE *12/21/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 14:02:34

Sample: AD29964
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/18/01 00:02 Ended: 12/18/01 00:02 Analyst: BH
Result source: a:\29964.rr
Page: 2

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

Comments for Sample AD29964 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-21-2001 Time: 15:46:52

THE SURROGATE RECOVERY FOR ONE OF THREE SURROGATES IS 7%HIGH.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec17\29964.D Vial: 15
 Acq On : 18 Dec 2001 12:09 am Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 18 0:47 2001 Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.49	114	618482	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.10	117	630739	5.00	ug/L	0.14
50) 1,4-DICHLOROBENZENE-D4	26.26	152	277462	5.00	ug/L	0.15
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.72	65	278847	6.84	ug/L	0.14
Spiked Amount 5.000			Recovery	=	136.80%	
3) 4-BROMOFLUOROBENZENE	23.67	174	201905	4.25	ug/L	0.14
Spiked Amount 5.000			Recovery	=	85.00%	
23) TOLUENE-D8	17.81	98	877533	5.25	ug/L	0.14
Spiked Amount 5.000			Recovery	=	105.00%	
Target Compounds						Qvalue
10) ACETONE	7.76	43	19858	4.79	ug/L	100
16) 2-BUTANONE (MEK)	11.47	43	5175	0.71	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 29964.D HP121001.M Tue Dec 18 00:47:44 2001

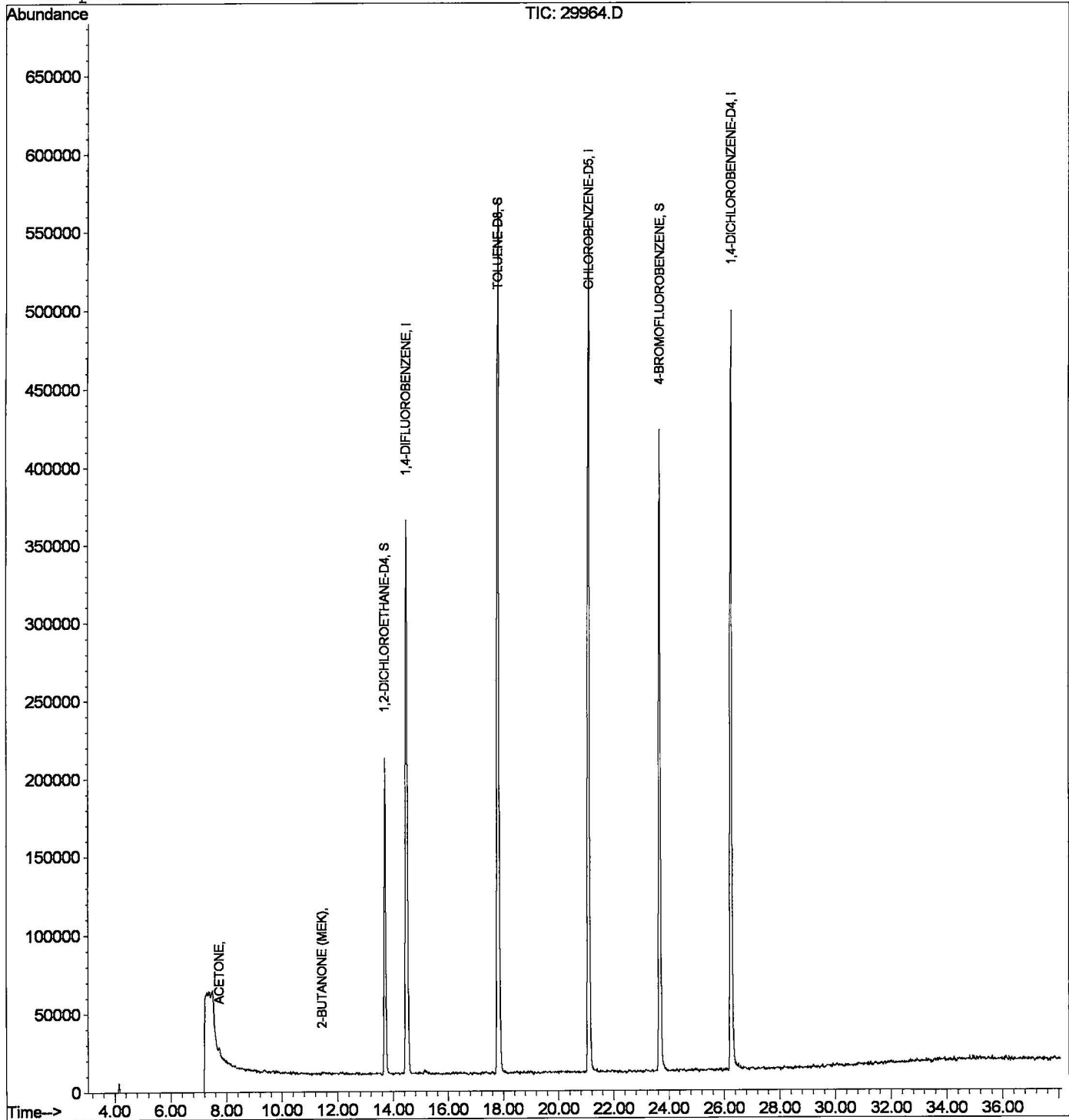
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec17\29964.D
Acq On : 18 Dec 2001 12:09 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 18 0:47 2001

Vial: 15
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:03:53

Sample: AD29790
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/18/01 00:02 Ended: 12/18/01 00:02 Analyst: BH
 Result source: a:\29790f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (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		5.4		.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

acetone -48

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 14:03:53

Sample: AD29790
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/18/01 00:02 Ended: 12/18/01 00:02 Analyst: BH
Result source: a:\29790f.r
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC17\29790F.D
 Acq On : 18 Dec 2001 12:52 am
 Sample : nyc fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 9:20 2001

Vial: 16
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.49	114	592330	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.10	117	590404	5.00	ug/L	0.14
50) 1,4-DICHLOROBENZENE-D4	26.26	152	260530	5.00	ug/L	0.15
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.72	65	227942	5.84	ug/L	0.14
Spiked Amount 5.000			Recovery	=	116.80%	
3) 4-BROMOFLUOROBENZENE	23.69	174	187716	4.13	ug/L	0.15
Spiked Amount 5.000			Recovery	=	82.60%	
23) TOLUENE-D8	17.83	98	846967	5.41	ug/L	0.15
Spiked Amount 5.000			Recovery	=	108.20%	
Target Compounds						Qvalue
10) ACETONE	7.74	43	190679	47.99	ug/L	96
16) 2-BUTANONE (MEK)	11.47	43	4197	0.60	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 29790F.D HP121001.M Wed Dec 19 09:20:22 2001

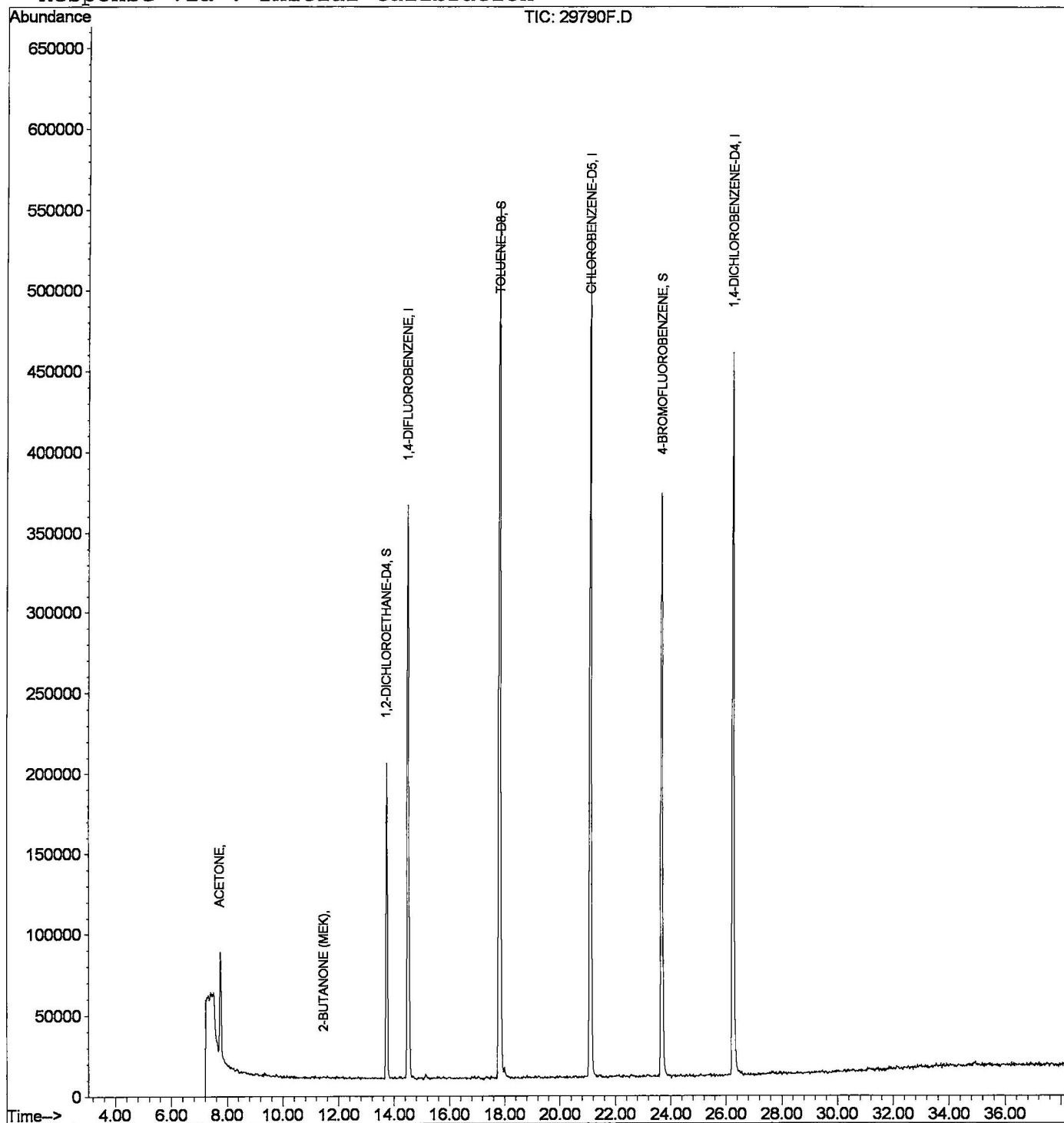
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC17\29790F.D
Acq On : 18 Dec 2001 12:52 am
Sample : nyc fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 19 9:20 2001

Vial: 16
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

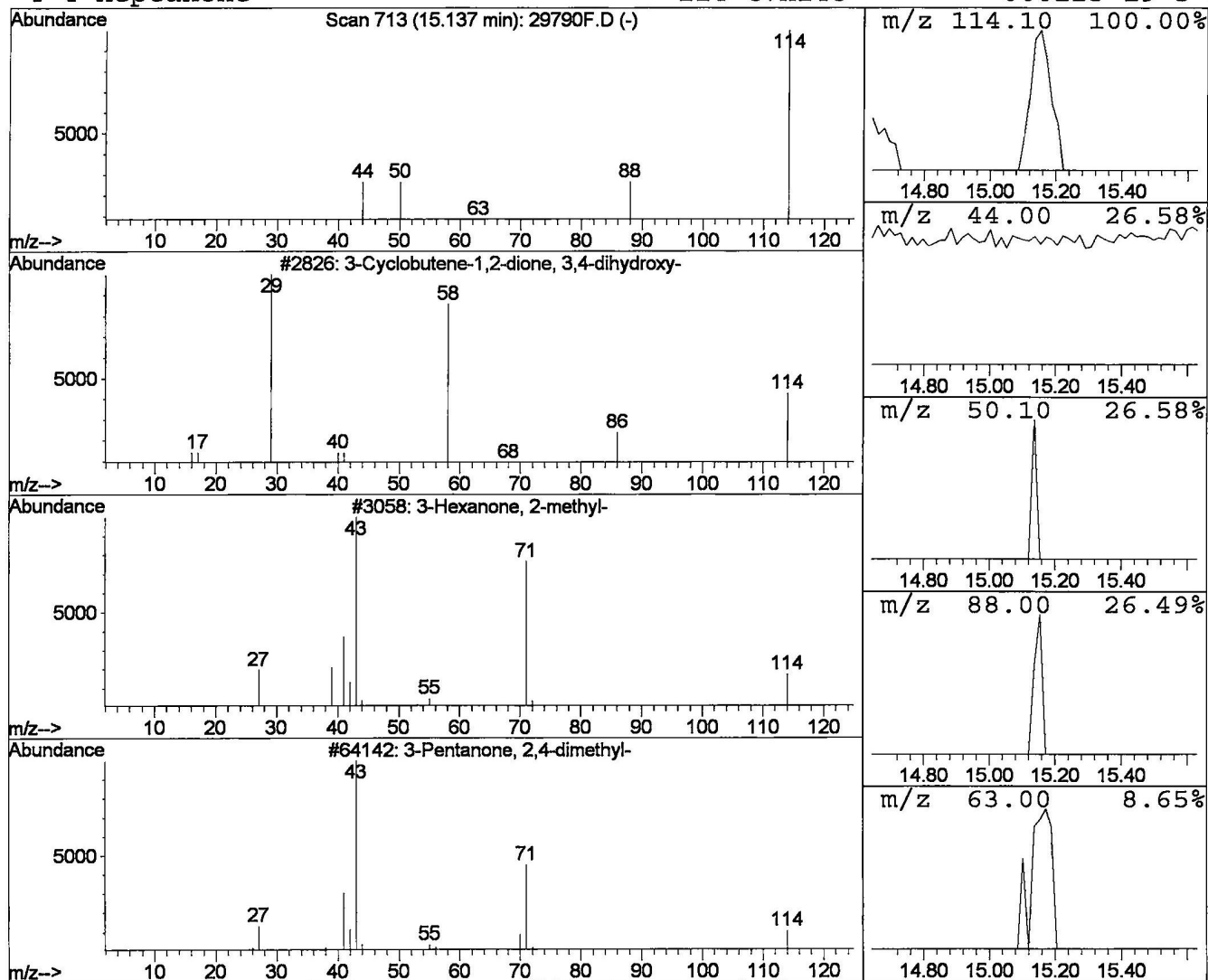
Data File : C:\HPCHEM\1\DATA\01DEC17\29790F.D
Acq On : 18 Dec 2001 12:52 am
Sample : nyc fb
Misc :
MS Integration Params: LSCINT.P

Vial: 16
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.14	0.03 ug/L	8483	1,4-DIFLUOROBENZENE	14.49	
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	3
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC17\29790F.D
 Acq On : 18 Dec 2001 12:52 am
 Sample : nyc fb
 Misc :
 MS Integration Params: LSCINT.P

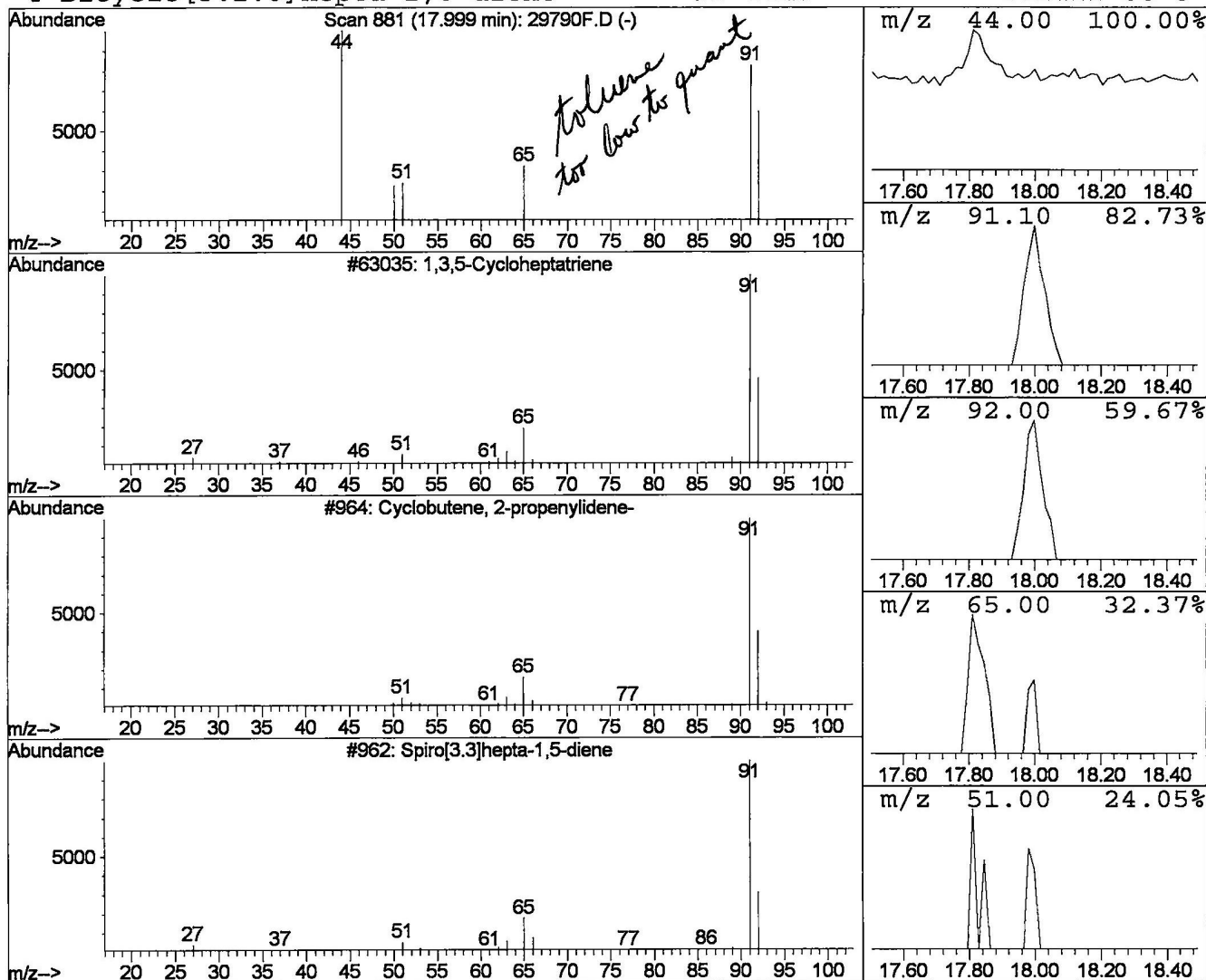
Vial: 16
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 5 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	0.05 ug/L	20509	CHLOROBENZENE-D5	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	4
2		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	4
3		Spiro[3.3]hepta-1,5-diene	92	C7H8	022635-78-5	4
4		Bicyclo[3.2.0]hepta-2,6-diene	92	C7H8	002422-86-8	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:10:15

Sample: AD29962
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/18/01 00:01 Ended: 12/18/01 00:01 Analyst: BH
 Result source: a:\29962f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.5		.5
2	Surr_4-BROMOFLUOROBENZE		4.3		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (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

acetone - 15

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 14:10:15

Sample: AD29962
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/18/01 00:01 Ended: 12/18/01 00:01 Analyst: BH
Result source: a:\29962f.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC17\29962F.D
 Acq On : 18 Dec 2001 1:42 am
 Sample : nyc fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 9:27 2001

Vial: 17
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.51	114	577303	5.00	ug/L	0.15
22) CHLOROBENZENE-D5	21.12	117	589534	5.00	ug/L	0.15
50) 1,4-DICHLOROBENZENE-D4	26.28	152	263208	5.00	ug/L	0.17
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.72	65	247668	6.51	ug/L	0.14
Spiked Amount 5.000			Recovery	=	130.20%	
3) 4-BROMOFLUOROBENZENE	23.69	174	191816	4.33	ug/L	0.15
Spiked Amount 5.000			Recovery	=	86.60%	
23) TOLUENE-D8	17.83	98	833547	5.33	ug/L	0.15
Spiked Amount 5.000			Recovery	=	106.60%	
Target Compounds						Qvalue
10) ACETONE	7.74	43	56379	14.56	ug/L	95
12) METHYLENE CHLORIDE <i>fab cont</i>	9.07	49	14335	0.45	ug/L	95
13) METHYL TERT BUTYL ETHER	9.38	73	7242	0.17	ug/L	96
16) 2-BUTANONE (MEK)	11.46	43	6027	0.88	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 29962F.D HP121001.M Wed Dec 19 09:27:37 2001

Page 1

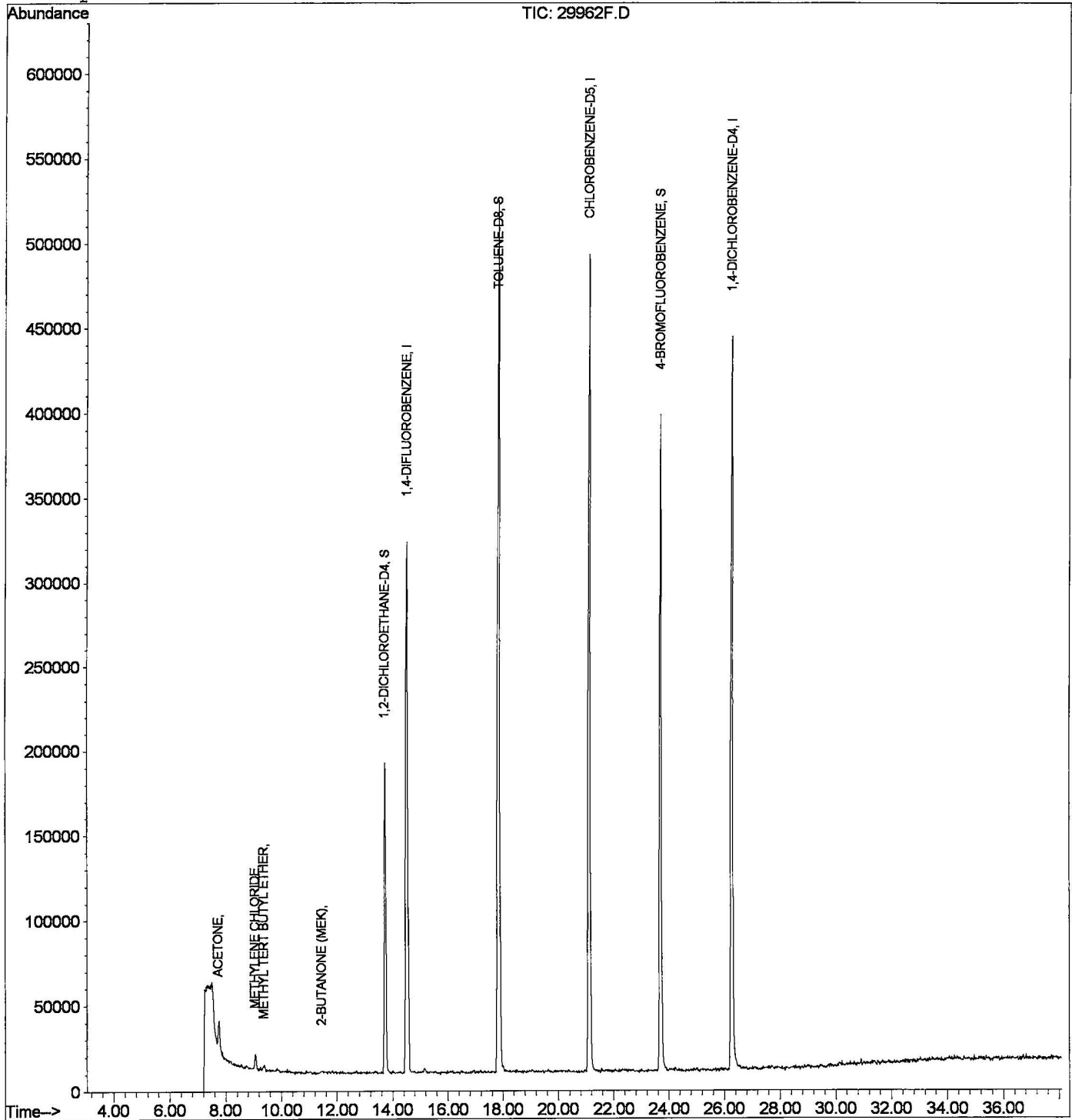
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC17\29962F.D
 Acq On : 18 Dec 2001 1:42 am
 Sample : nyc fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 9:27 2001

Vial: 17
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC17\29962F.D
 Acq On : 18 Dec 2001 1:42 am
 Sample : nyc fb
 Misc :
 MS Integration Params: LSCINT.P

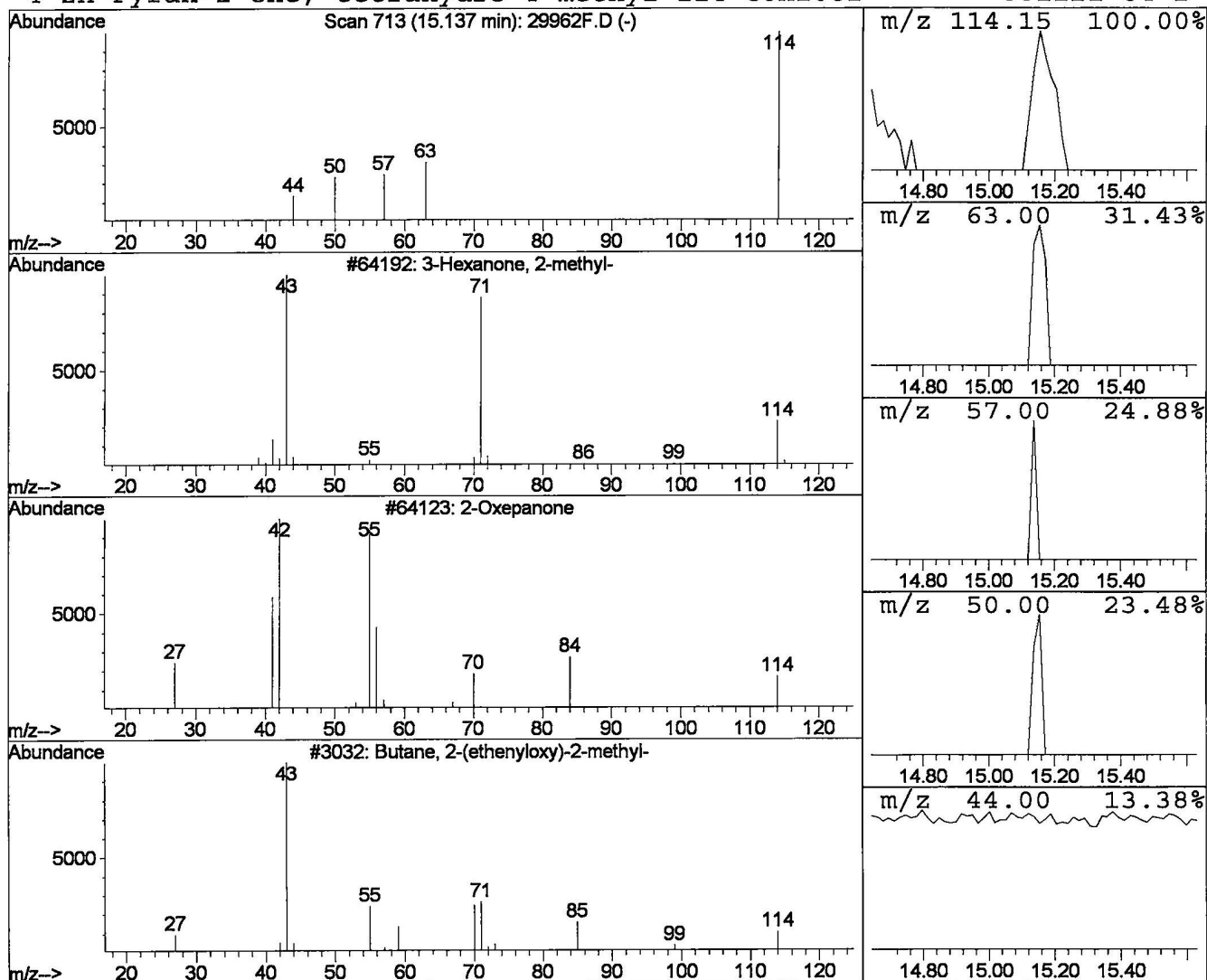
Vial: 17
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.04 ug/L	11915	1,4-DIFLUOROBENZENE	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2		2-Oxepanone	114	C6H10O2	000502-44-3	3
3		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4		2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:12:09

Sample: AD30108
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/18/01 00:02 Ended: 12/18/01 00:02 Analyst: BH
 Result source: a:\30108f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (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		5.3		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (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

acetone - 5.6

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 14:12:09

Sample: AD30108
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/18/01 00:02 Ended: 12/18/01 00:02 Analyst: BH
Result source: a:\30108f.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC17\30108F.D
 Acq On : 18 Dec 2001 2:31 am
 Sample : nyc fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 9:46 2001

Vial: 18
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.51	114	615709	5.00	ug/L	0.15
22) CHLOROBENZENE-D5	21.12	117	613528	5.00	ug/L	0.15
50) 1,4-DICHLOROBENZENE-D4	26.28	152	271418	5.00	ug/L	0.17
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.74	65	247318	6.10	ug/L	0.15
Spiked Amount 5.000			Recovery	=	122.00%	
3) 4-BROMOFLUOROBENZENE	23.71	174	190326	4.03	ug/L	0.17
Spiked Amount 5.000			Recovery	=	80.60%	
23) TOLUENE-D8	17.83	98	858071	5.27	ug/L	0.15
Spiked Amount 5.000			Recovery	=	105.40%	
Target Compounds						Qvalue
10) ACETONE	7.76	43	23135	5.60	ug/L	95
12) METHYLENE CHLORIDE <i>bl cont</i>	9.07	49	15325	0.45	ug/L	96
13) METHYL TERT BUTYL ETHER	9.38	73	6276	0.14	ug/L	90
16) 2-BUTANONE (MEK)	11.49	43	4294	0.59	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 30108F.D HP121001.M Wed Dec 19 09:46:29 2001

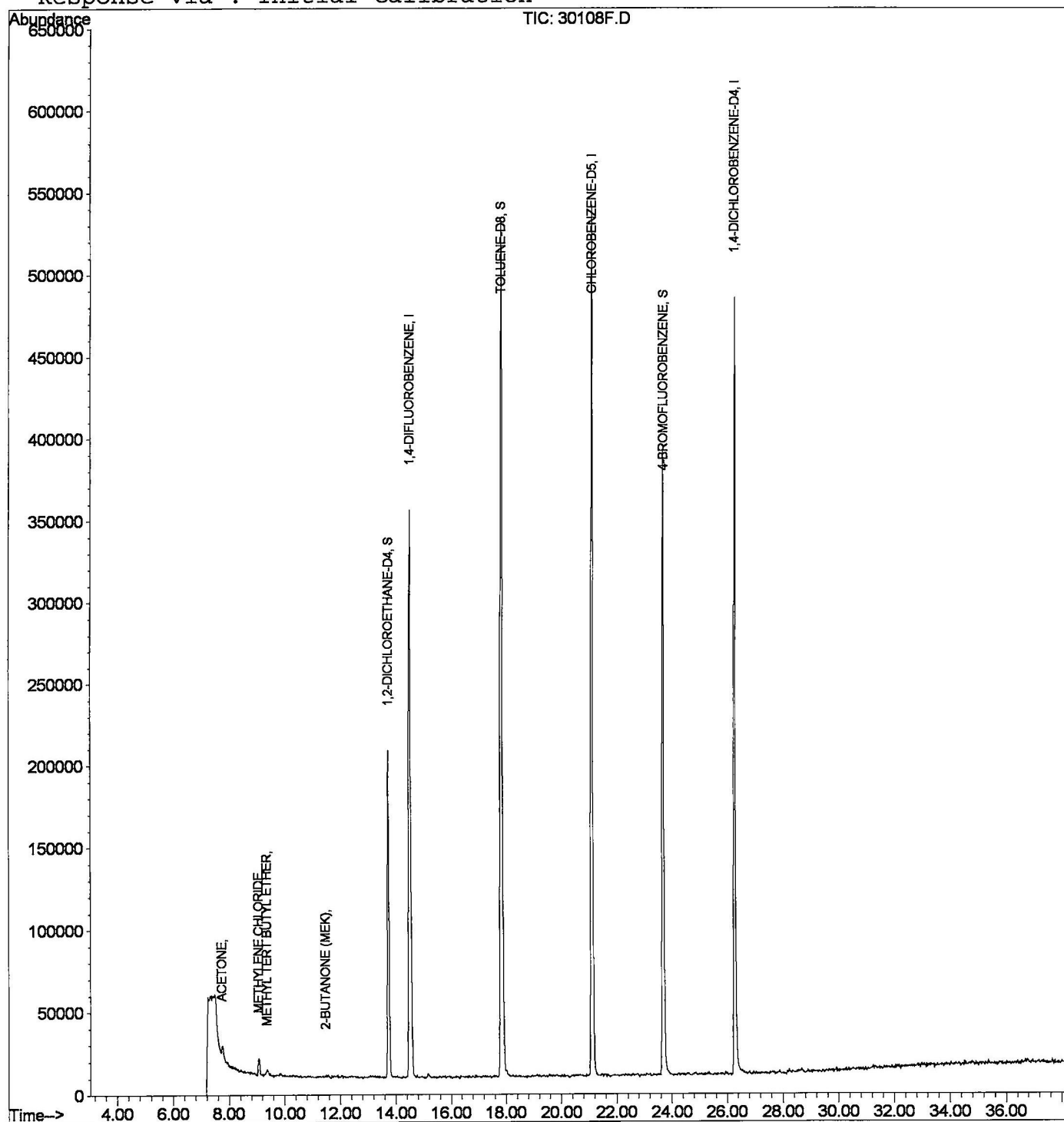
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC17\30108F.D
Acq On : 18 Dec 2001 2:31 am
Sample : nyc fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 19 9:46 2001

Vial: 18
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC17\30108F.D
 Acq On : 18 Dec 2001 2:31 am
 Sample : nyc fb
 Misc :
 MS Integration Params: LSCINT.P

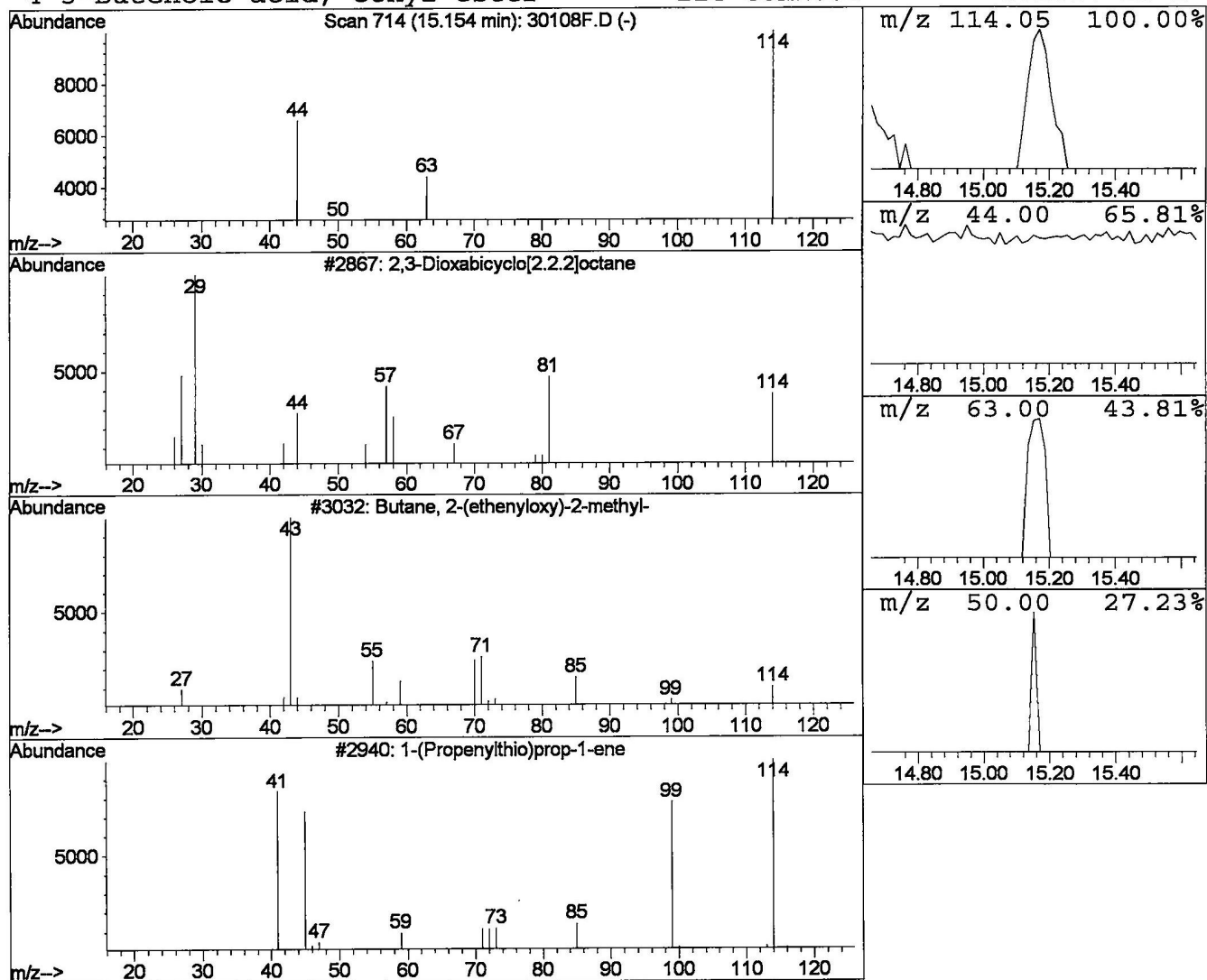
Vial: 18
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	0.03 ug/L	10972	1,4-DIFLUOROBENZENE	14.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4			3-Butenoic acid, ethyl ester	114	C6H10O2	001617-18-1	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:13:27

Sample: AD30001
 Analysis: \$C3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/18/01 00:03 Ended: 12/18/01 00:03 Analyst: BH
 Result source: a:\1217c10b.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr 1,2-DICHLOROETHANE	USPEC	5.6		.5
2	Surr 4-BROMOFLUOROBENZE		5.7		.5
3	Dichlorodifluoromethane	USPEC	17		.5
4	Chloromethane	USPEC	22		.5
5	Vinyl chloride	USPEC	21		.5
6	Bromomethane	USPEC	16		.5
7	Chloroethane	USPEC	18		.5
8	Trichlorofluoromethane	USPEC	14		.5
9	1,1-Dichloroethene		10		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		9.8		1.0
12	trans-1,2-dichloroethene		10		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		12		2.0
15	2,2-dichloropropane		7.8		.5
16	cis-1,2-dichloroethene		9.2		.5
17	Chloroform		12		.5
18	Bromochloromethane		12		.5
19	1,2-dichloroethane		12		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		9.8		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.4		.5
25	Trichloroethene		9.3		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		8.0		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		9.8		1.0
30	cis-1,3-dichloropropene		9.5		.5
31	Toluene		9.3		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		9.7		.5
34	Tetrachloroethene		7.5		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		9.5		2.0
37	Chlorobenzene		8.9		.5
38	1,1,1,2-tetrachloroethane		9.4		.5
39	Ethylbenzene		9.7		.5
40	P & M-xylene		18		.5
41	O-xylene		11		.5
42	Styrene		9.7		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		8.0		2.0
45	Isopropylbenzene		7.5		.5
46	1,2,3-trichloropropane		8.3		.5
47	N-propylbenzene		8.0		.5
48	Bromobenzene		7.4		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 14:13:27

Sample: AD30001
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/18/01 00:03 Ended: 12/18/01 00:03 Analyst: BH
Result source: a:\1217c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		7.9		.5
50	2-chlorotoluene		8.9		.5
51	4-chlorotoluene		8.2		.5
52	TERT-butylbenzene		7.7		.5
53	1,2,4-trimethylbenzene		8.4		.5
54	SEC-butylbenzene		8.1		.5
55	P-isopropyltoluene		8.0		.5
56	1,3-dichlorobenzene		8.2		.5
57	1,4-dichlorobenzene		8.3		.5
58	N-butylbenzene		9.2		.5
59	1,2-dichlorobenzene		8.8		.5
60	1,2,4-trichlorobenzene		8.8		.5
61	Hexachlobutadiene		7.8		.5
62	Naphthalene		9.8		.5
63	1,2,3-trichlorobenzene		8.9		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC17\1217C10B.D
 Acq On : 18 Dec 2001 3:21 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 10:00 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.52	114	609747	5.00	ug/L	0.17
22) CHLOROBENZENE-D5	21.12	117	619144	5.00	ug/L	0.15
50) 1,4-DICHLOROBENZENE-D4	26.28	152	444485	5.00	ug/L	0.17

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.74	65	264832	6.59	ug/L	0.15
Spiked Amount	5.000		Recovery	=	131.80%	
3) 4-BROMOFLUOROBENZENE	23.71	174	264925	5.66	ug/L	0.17
Spiked Amount	5.000		Recovery	=	113.20%	
23) TOLUENE-D8	17.85	98	868069	5.29	ug/L	0.17
Spiked Amount	5.000		Recovery	=	105.80%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.53	85	342970	17.24	ug/L	100
5) CHLOROMETHANE	5.07	50	272942	22.06	ug/L	100
6) VINYL CHLORIDE	5.22	62	257439	20.92	ug/L	95
7) BROMOMETHANE	6.14	94	174660	16.23	ug/L	94
8) CHLOROETHANE	6.28	64	150527	17.84	ug/L	96
9) TRICHLOROFLUOROMETHANE	6.81	101	372921	13.96	ug/L	99
10) ACETONE	7.76	43	47465	11.60	ug/L	99
11) 1,1-DICHLOROETHENE	8.10	61	355902	10.27	ug/L	99
12) METHYLENE CHLORIDE	9.07	49	410768	12.23	ug/L	98
13) METHYL TERT BUTYL ETHER	9.36	73	436352	9.84	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.72	61	391758	10.42	ug/L	98
15) 1,1-DICHLOROETHANE	10.61	63	507319	10.82	ug/L	98
16) 2-BUTANONE (MEK)	11.44	43	90127	12.47	ug/L	98
17) 2,2-DICHLOROPROPANE	11.82	77	303066	7.85	ug/L	97
18) CIS-1,2-DICHLOROETHENE	11.90	96	241828	9.21	ug/L	100
19) CHLOROFORM	12.24	83	548505	12.26	ug/L	100
20) BROMOCHLOROMETHANE	12.60	49	262513	12.37	ug/L	88
21) 1,2-DICHLOROETHANE	13.95	62	369124	12.26	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.11	97	400872	10.54	ug/L	98
25) 1,1-DICHLOROPROPENE	13.45	75	365968	9.75	ug/L	99
26) CARBON TETRACHLORIDE	13.69	117	334452	10.34	ug/L	98
27) BENZENE	14.05	78	1029214	9.43	ug/L	100
28) TRICHLOROETHENE	15.31	95	271185	9.28	ug/L	94
29) 1,2-DICHLOROPROPANE	15.67	63	310183	10.21	ug/L	100
30) DIBROMOMETHANE	16.31	174	86584	8.00	ug/L	83
31) BROMODICHLOROMETHANE	16.16	83	391631	11.19	ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.67	63	110434	9.79	ug/L	96
33) Methyl iso-butyl ketone	16.74	58	57089	9.84	ug/L	84

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

1217C10B.D HP121001.M Wed Dec 19 10:00:25 2001

Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC17\1217C10B.D

Vial: 8

Acq On : 18 Dec 2001 3:21 am

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 19 10:00 2001

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.25	75	416136	9.49	ug/L	98
35) TOLUENE	18.02	91	1141623	9.27	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.29	75	349208	10.26	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.68	97	164101	9.73	ug/L	97
38) TETRACHLOROETHENE	19.45	166	216346	7.45	ug/L	94
39) 1,3-DICHLOROPROPANE	19.19	76	330986	10.16	ug/L	99
40) DIBROMOCHLOROMETHANE	19.87	129	194851	9.51	ug/L	96
41) 1,2-DIBROMOETHANE	20.33	107	148536	9.25	ug/L	98
42) CHLOROETHANE	21.20	112	726055	8.87	ug/L	94
43) 1,1,1,2-TETRACHLOROETHANE	21.25	131	249989	9.36	ug/L	98
44) 2-HEXANONE	18.58	43	117219	12.09	ug/L	96
45) ETHYLBENZENE	21.25	91	1465709	9.67	ug/L	95
46) P & M-XYLENE	21.42	106	1039923	18.25	ug/L	94
47) O-XYLENE	22.40	91	1270893	10.52	ug/L	97
48) STYRENE	22.45	104	914245	9.73	ug/L	96
49) 1,1,2,2-TETRACHLOROETHANE	23.45	83	212886	11.80	ug/L	100
51) BROMOFORM	23.28	173	106832	7.95	ug/L	96
52) ISOPROPYLBENZENE	23.11	105	1446311	7.45	ug/L	100
53) 1,2,3-TRICHLOROPROPANE	23.78	110	58751	8.30	ug/L	93
54) N-PROPYLBENZENE	23.98	91	2009623	7.98	ug/L	98
55) BROMOBENZENE	24.20	156	304799	7.37	ug/L	92
56) 1,3,5-TRIMETHYLBENZENE	24.29	105	1321867	7.88	ug/L	98
57) 2-CHLOROTOLUENE	24.44	91	1419184	8.89	ug/L	97
58) 4-CHLOROTOLUENE	24.53	91	1175286	8.22	ug/L	97
59) TERT-BUTYLBENZENE	25.09	134	276828	7.73	ug/L	96
60) 1,2,4-TRIMETHYLBENZENE	25.17	105	1454371	8.36	ug/L	98
61) SEC-BUTYLBENZENE	25.53	105	1893365	8.11	ug/L	98
62) P-ISOPROPYLTOLUENE	25.80	119	1500906	8.01	ug/L	98
63) 1,3-DICHLOROBENZENE	26.14	146	731568	8.18	ug/L	98
64) 1,4-DICHLOROBENZENE	26.37	146	739558	8.27	ug/L	98
65) N-BUTYLBENZENE	26.69	91	1644438	9.17	ug/L	98
66) 1,2-DICHLOROBENZENE	27.20	146	651770	8.83	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.85	157	33673	8.93	ug/L	95
68) NITROBENZENE	29.06	77	294682	189.58	ug/L	97
69) 1,2,4-TRICHLOROBENZENE	30.79	180	360078	8.80	ug/L	98
70) HEXACHLOROBUTADIENE	31.03	225	194399	7.82	ug/L	99
71) NAPHTHALENE	31.48	128	441574	9.80	ug/L	97
72) 1,2,3-TRICHLOROBENZENE	32.02	180	266642	8.88	ug/L	99

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

1217C10B.D HP121001.M Wed Dec 19 10:00:34 2001

Page 2

Quantitation Report

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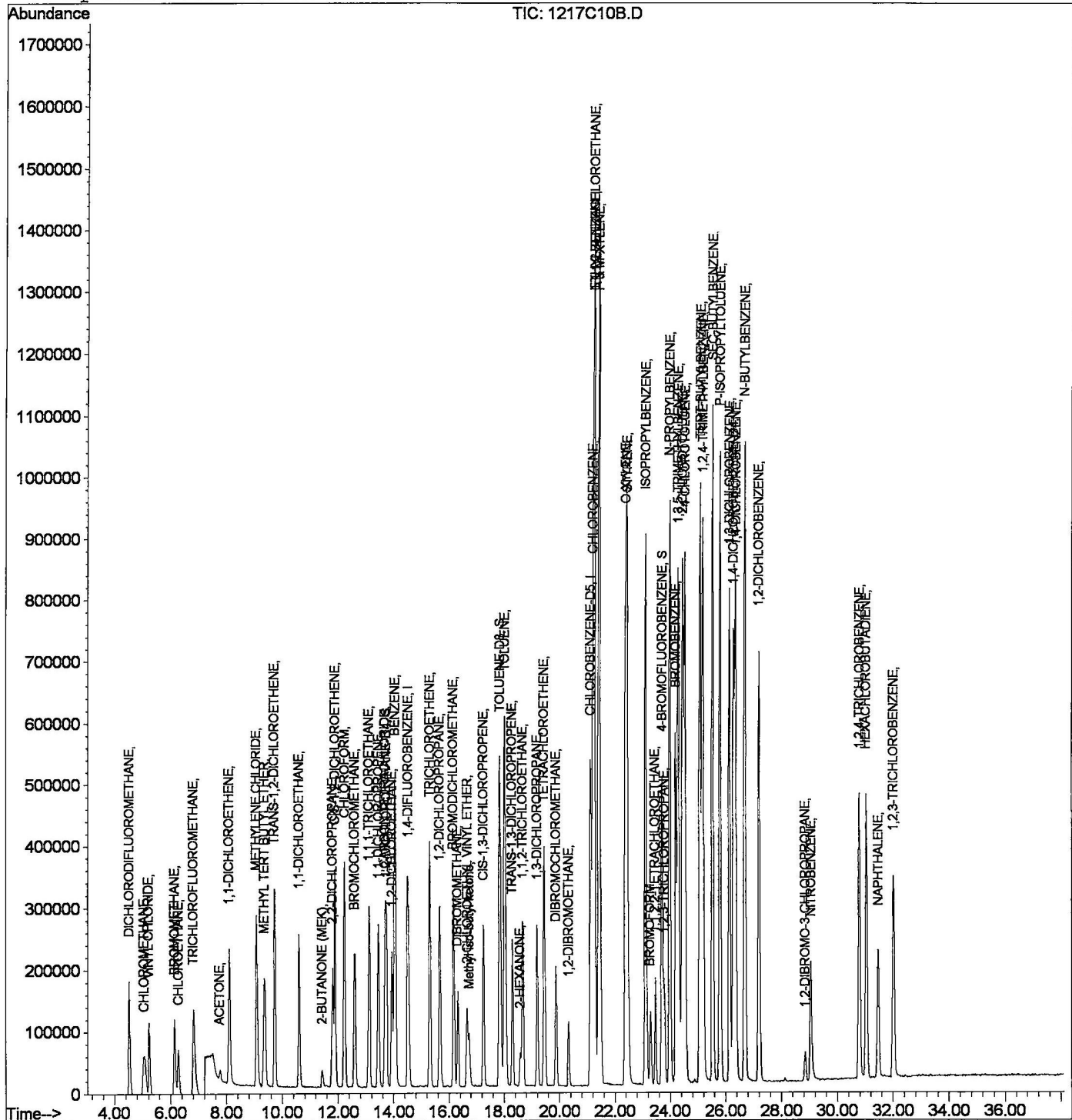
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Acq On      : 18 Dec 2001    3:21 am
Sample      : cal 10
Misc        :
MS Integration Params: LSCINT.P
Quant Time: Dec 19 10:00 2001

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Vial: 8
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

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Method       : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Wed Dec 12 08:39:59 2001
Response via  : Initial Calibration
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User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:15:10

Sample: AD30107
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/18/01 00:05 Ended: 12/18/01 00:05 Analyst: BH
 Result source: a:\30107.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY *AR*
 DATE *12/21/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 14:15:10

Sample: AD30107
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/18/01 00:05 Ended: 12/18/01 00:05 Analyst: BH
Result source: a:\30107.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\01DEC17\30107.D
 Acq On : 18 Dec 2001 5:00 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 10:03 2001

Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.52	114	602287	5.00	ug/L	0.17
22) CHLOROBENZENE-D5	21.13	117	632005	5.00	ug/L	0.17
50) 1,4-DICHLOROBENZENE-D4	26.30	152	279568	5.00	ug/L	0.19
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.76	65	248454	6.26	ug/L	0.17
Spiked Amount 5.000			Recovery	=	125.20%	
3) 4-BROMOFLUOROBENZENE	23.72	174	203367	4.40	ug/L	0.19
Spiked Amount 5.000			Recovery	=	88.00%	
23) TOLUENE-D8	17.85	98	887953	5.30	ug/L	0.17
Spiked Amount 5.000			Recovery	=	106.00%	
Target Compounds						Qvalue
10) ACETONE	7.77	43	5325	1.32	ug/L	86
16) 2-BUTANONE (MEK)	11.49	43	3768	0.53	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 30107.D HP121001.M Wed Dec 19 10:03:24 2001

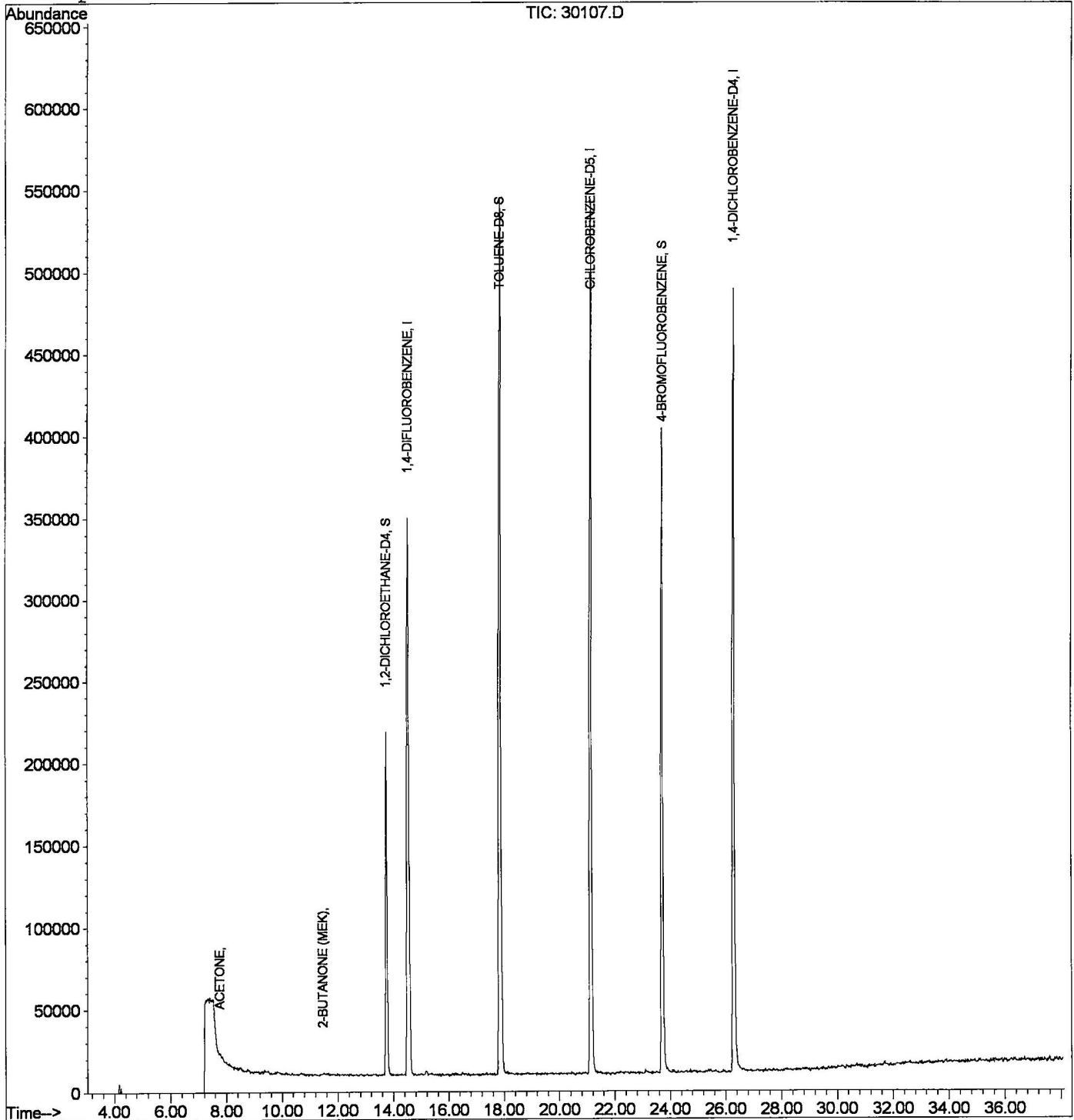
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC17\30107.D
 Acq On : 18 Dec 2001 5:00 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 10:03 2001

Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:17:04

Sample: AD30108
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/18/01 00:05 Ended: 12/18/01 00:05 Analyst: BH
 Result source: a:\30108.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.4		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

acetone - 17

REVIEWED BY BT
 DATE 12/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 14:17:04

Sample: AD30108
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/18/01 00:05 Ended: 12/18/01 00:05 Analyst: BH
Result source: a:\30108.rr
Page: 2

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

Comments for Sample AD30108 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-21-2001 Time: 16:07:31

ACETONE PRESENT AT 17 ug/L.

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC17\30108.D
 Acq On : 18 Dec 2001 5:47 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

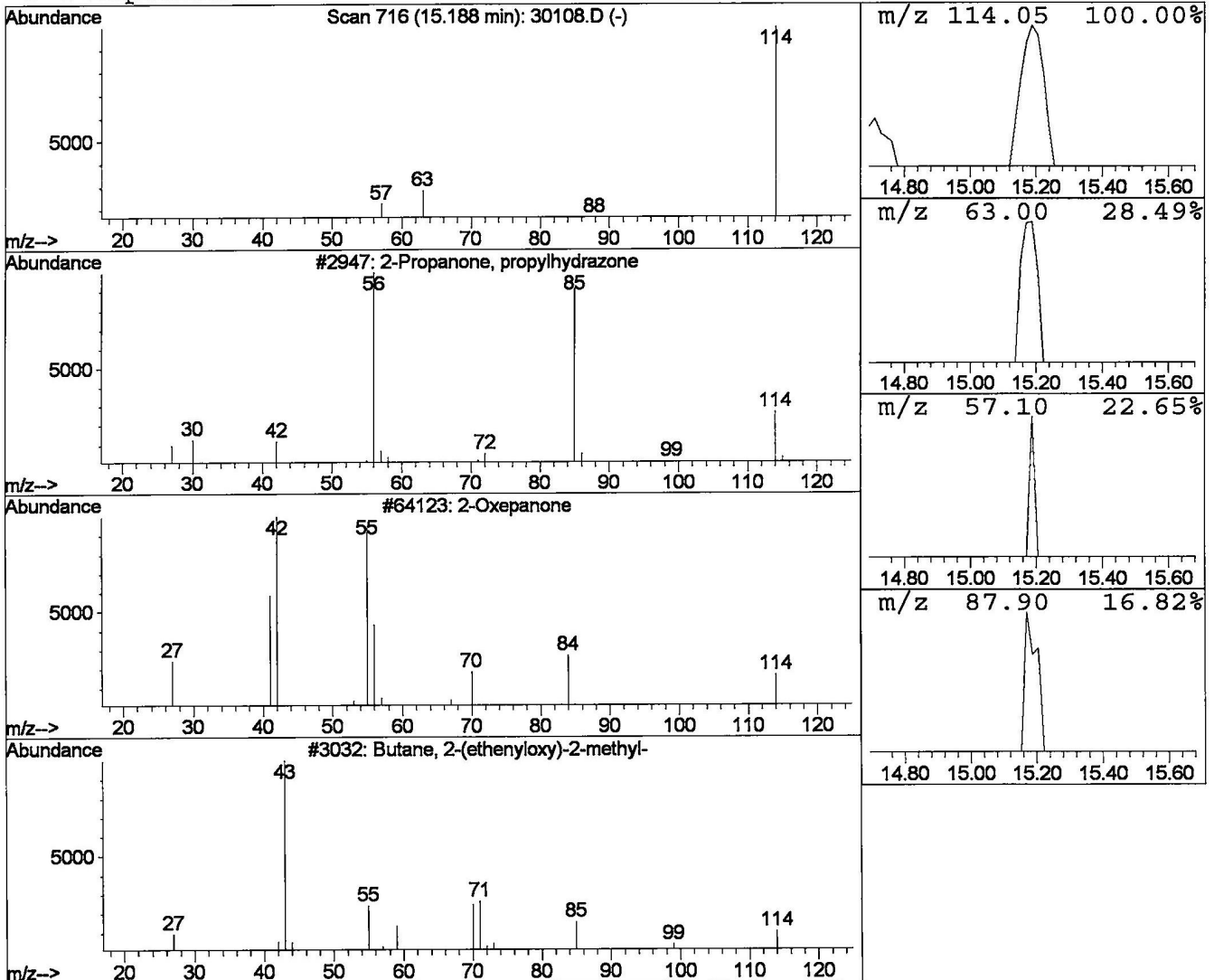
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Propanone, propylhydrazone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	0.04 ug/L	12191	1,4-DIFLUOROBENZENE	14.52

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			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4			4-Heptanone	114	C7H14O	000123-19-3	3



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC17\30108.D
 Acq On : 18 Dec 2001 5:47 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 10:07 2001

Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.52	114	579187	5.00	ug/L	0.17
22) CHLOROBENZENE-D5	21.13	117	611585	5.00	ug/L	0.17
50) 1,4-DICHLOROBENZENE-D4	26.30	152	272646	5.00	ug/L	0.19
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.76	65	242819	6.36	ug/L	0.17
Spiked Amount 5.000			Recovery	=	127.20%	
3) 4-BROMOFLUOROBENZENE	23.71	174	196961	4.43	ug/L	0.17
Spiked Amount 5.000			Recovery	=	88.60%	
23) TOLUENE-D8	17.85	98	847947	5.23	ug/L	0.17
Spiked Amount 5.000			Recovery	=	104.60%	
Target Compounds						Qvalue
10) ACETONE	7.77	43	67007	17.25	ug/L	98
16) 2-BUTANONE (MEK)	11.49	43	4505	0.66	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 30108.D HP121001.M Wed Dec 19 10:07:13 2001

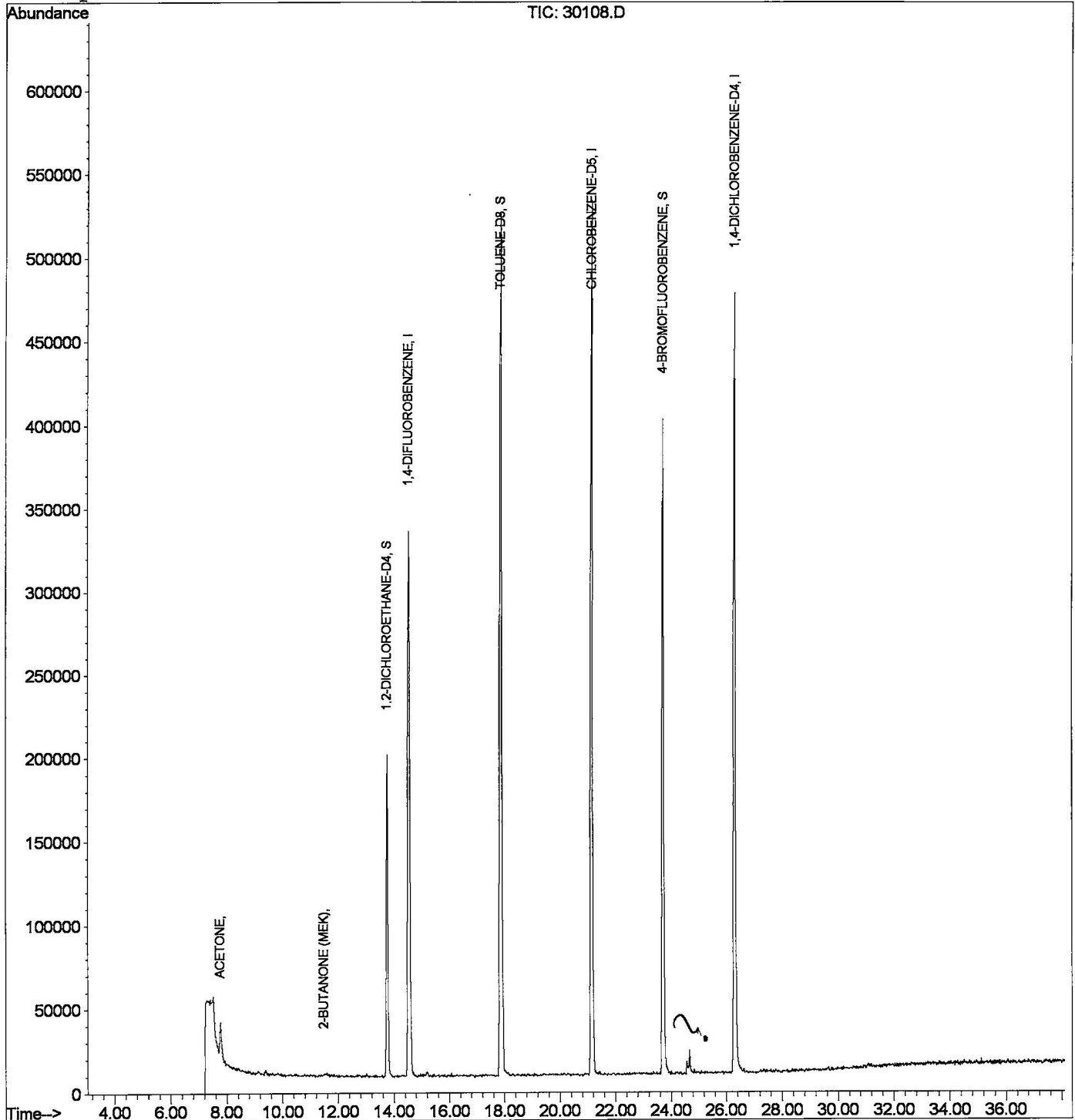
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC17\30108.D
 Acq On : 18 Dec 2001 5:47 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 10:07 2001

Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

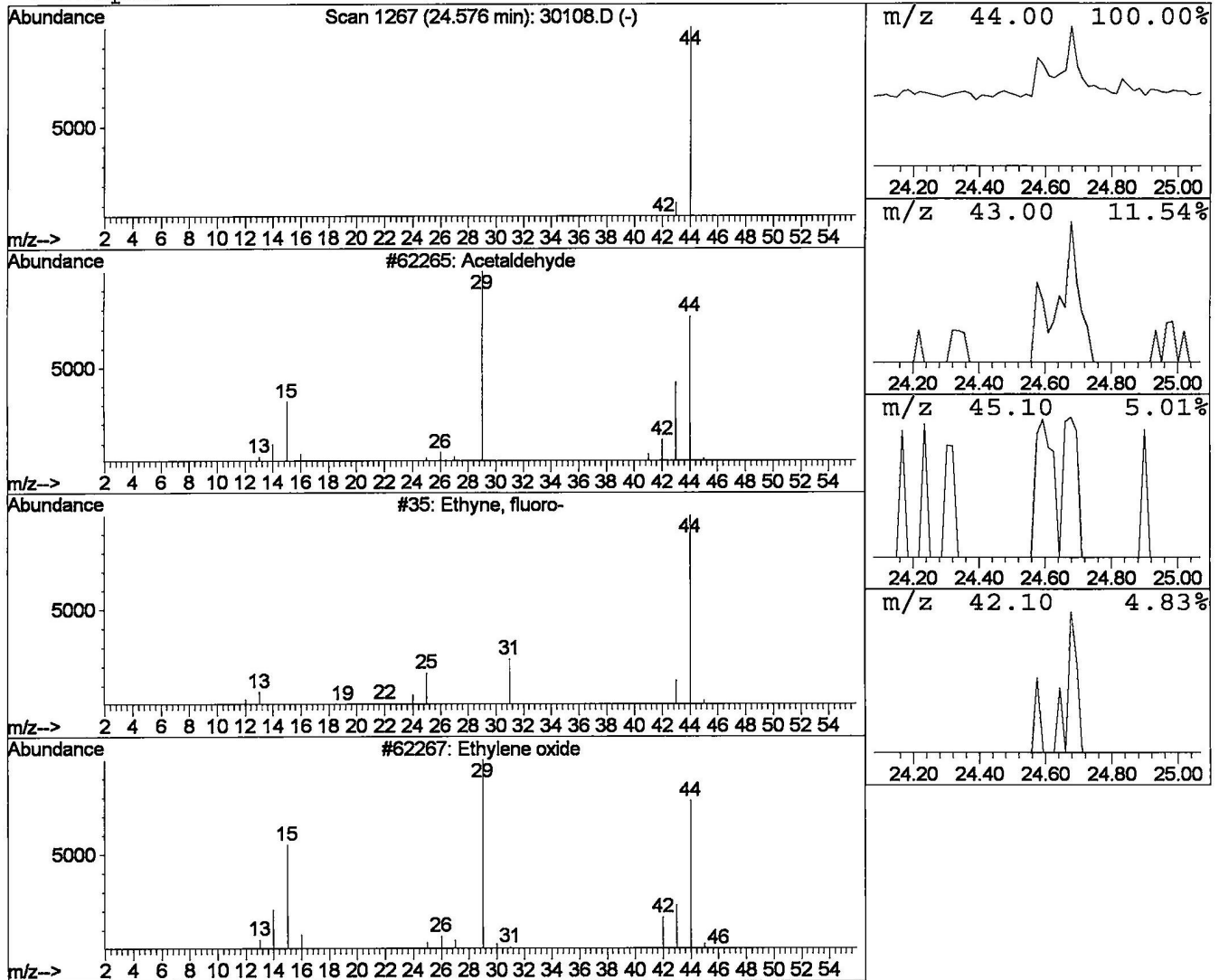
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 Acq On : 18 Dec 2001 5:47 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.58	0.05 ug/L	21149	1,4-DICHLOROBENZENE-D4	26.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	3
2	Ethyne, fluoro-	44	C2HF	002713-09-9	3
3	Ethylene oxide	44	C2H4O	000075-21-8	3
4	Propane	44	C3H8	000074-98-6	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC17\30108.D
 Acq On : 18 Dec 2001 5:47 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

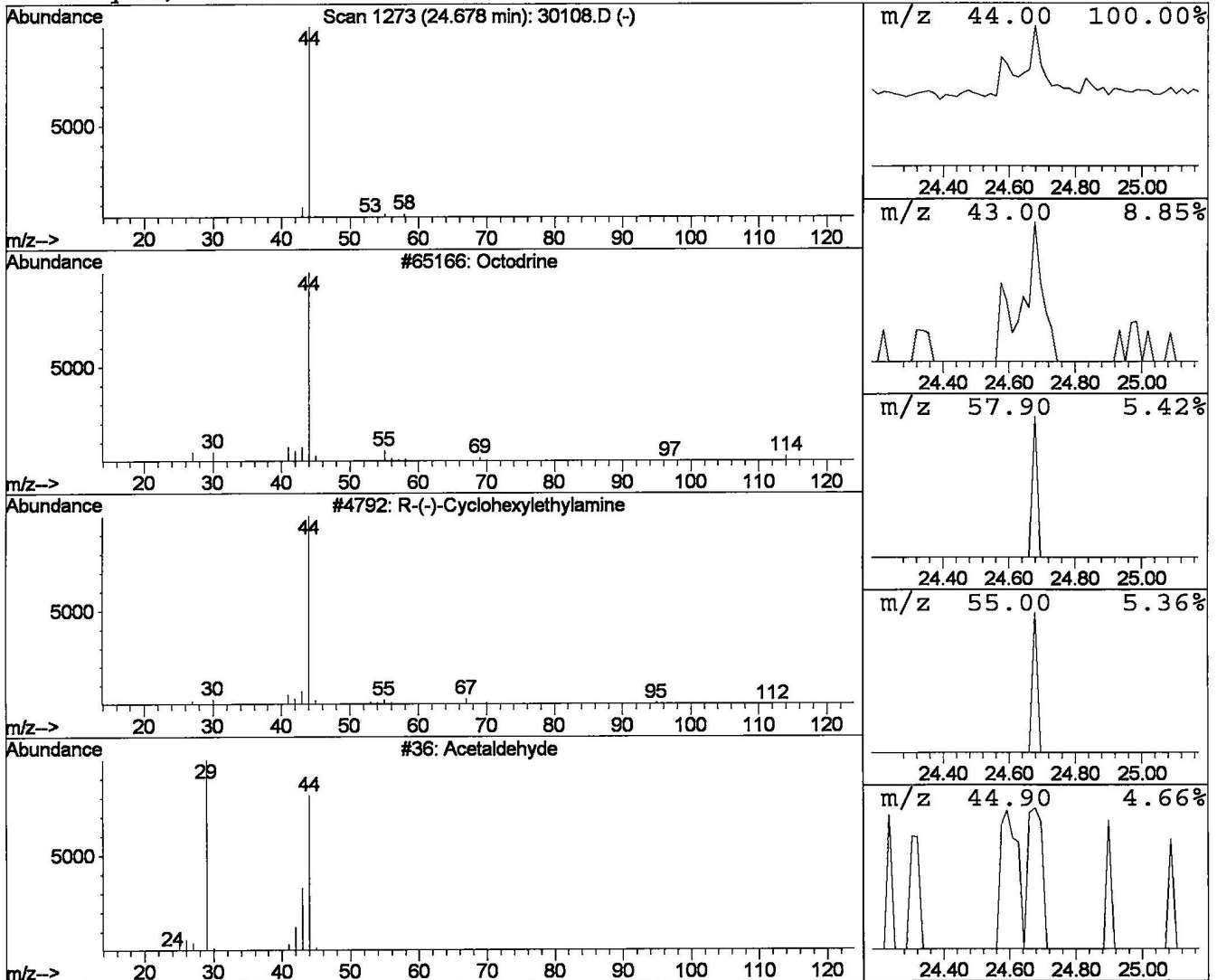
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 Octodrine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	0.09 ug/L	33574	1,4-DICHLOROBENZENE-D4	26.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octodrine	129	C8H19N	000543-82-8	4
2		R-(-)-Cyclohexylethylamine	127	C8H17N	005913-13-3	4
3		Acetaldehyde	44	C2H4O	000075-07-0	3
4		Ethyne, fluoro-	44	C2HF	002713-09-9	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 14:17:48

Sample: AD30109
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/18/01 00:06 Ended: 12/18/01 00:06 Analyst: BH
 Result source: a:\30109.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE	USPEC	6.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

acetone - 19

REVIEWED BY *AR*
 DATE 12/21/01

User: Huhn, William
Westchester Dept. of Labs & Research
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Analysis: \$524 Volatile Organic Compounds
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	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AD30109 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-21-2001 Time: 16:14:28

ACETONE PRESENT AT 19 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC17\30109.D
 Acq On : 18 Dec 2001 6:36 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 19 8:56 2001

Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 19 08:54:09 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.52	114	592106	5.00	ug/L	0.17
22) CHLOROBENZENE-D5	21.13	117	617209	5.00	ug/L	0.17
50) 1,4-DICHLOROBENZENE-D4	26.30	152	267713	5.00	ug/L	0.19
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.74	65	254243	6.52	ug/L	0.15
Spiked Amount 5.000			Recovery	=	130.40%	
3) 4-BROMOFLUOROBENZENE	23.71	174	191834	4.22	ug/L	0.17
Spiked Amount 5.000			Recovery	=	84.40%	
23) TOLUENE-D8	17.85	98	855493	5.23	ug/L	0.17
Spiked Amount 5.000			Recovery	=	104.60%	
Target Compounds						Qvalue
10) ACETONE	7.75	43	76093	19.16	ug/L	91
16) 2-BUTANONE (MEK)	11.47	43	4896	0.70	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 30109.D HP121001.M Wed Dec 19 08:57:05 2001

Page 1

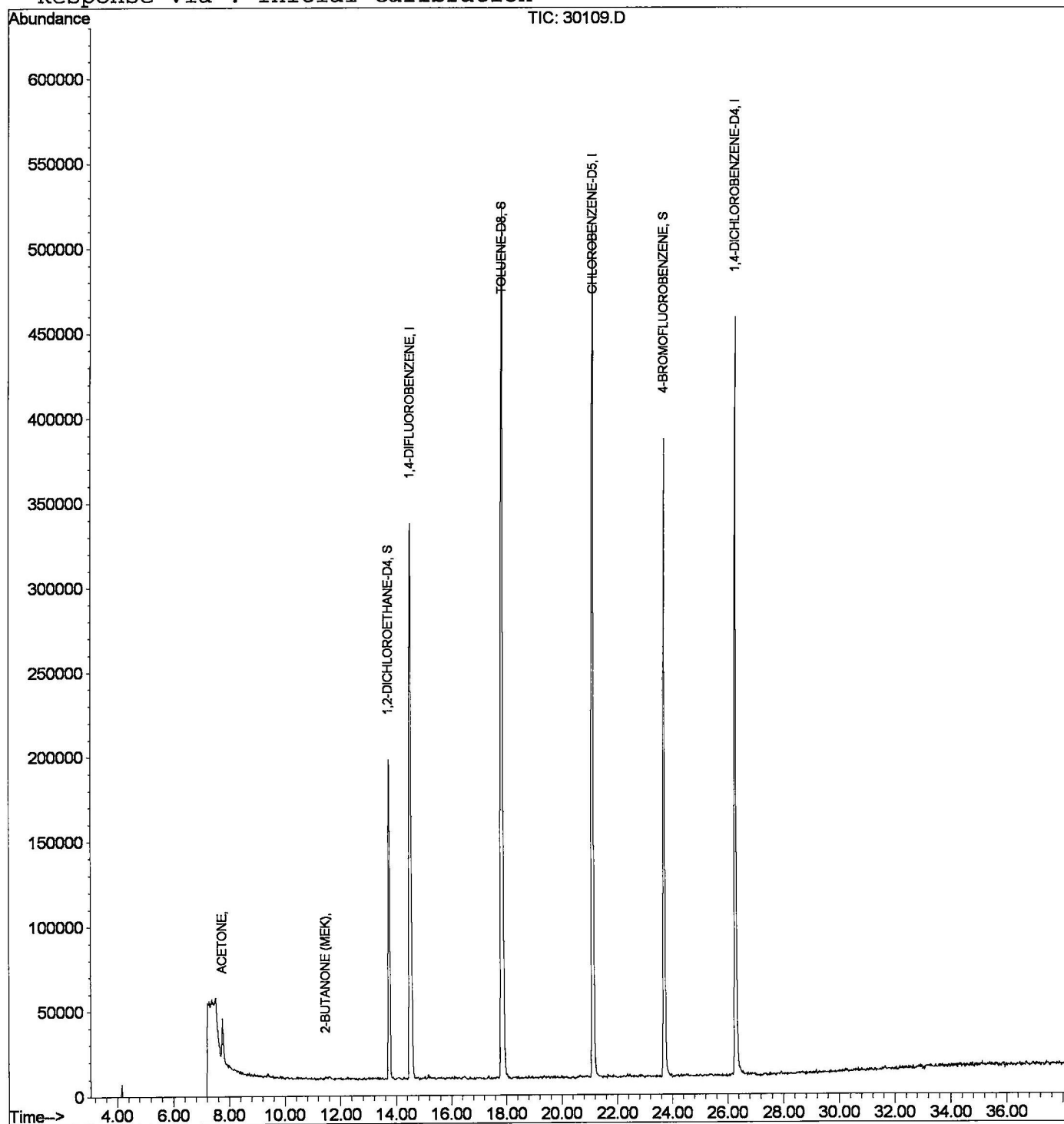
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC17\30109.D
Acq On : 18 Dec 2001 6:36 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 19 8:56 2001

Vial: 12
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec17\30109.D
 Acq On : 18 Dec 2001 6:36 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 3-Hexanone, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	0.02 ug/L	5907	1,4-DIFLUOROBENZENE	14.52

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

