

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 14:48:32

Sample: AE00739

Analysis: \$B1524 Volatile Organic Compounds-Blank

Units: ug

Started: 1/10/02 00:00 Ended: 1/10/02 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\0110b1.rr

Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.6 ✓
2	Surr - 4-BROMOFLUOROBENZ		3.5 ✓
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		1.5
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS-1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.1 ✓
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

Reviewed by
AB 3/7/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 14:48:32

Sample: AE00739
Analysis: \$B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 1/10/02 00:00 Ended: 1/10/02 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\0110b1.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\02JAN10\0110B1.D
 Acq On : 10 Jan 2002 10:40 am
 Sample : lab blank 1
 Misc :
 MS Integration Params: LSCINT.P
 Quant. Time: Jan 10 13:10 2002

Vial: 1
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 10:17:54 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	727578	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.03	117	664007	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.19	152	321592	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	241939	4.58	ug/L	0.03
Spiked Amount 5.000			Recovery	=	91.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	230068	3.52	ug/L	0.05
Spiked Amount 5.000			Recovery	=	70.40%	
23) TOLUENE-D8	17.78	98	859404	5.10	ug/L	0.07
Spiked Amount 5.000			Recovery	=	102.00%	
Target Compounds						
10) ACETONE	7.67	43	8704	1.51	ug/L	Qvalue 98

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

0110B1.D HP010402.M Thu Jan 10 13:10:18 2002

Page 1

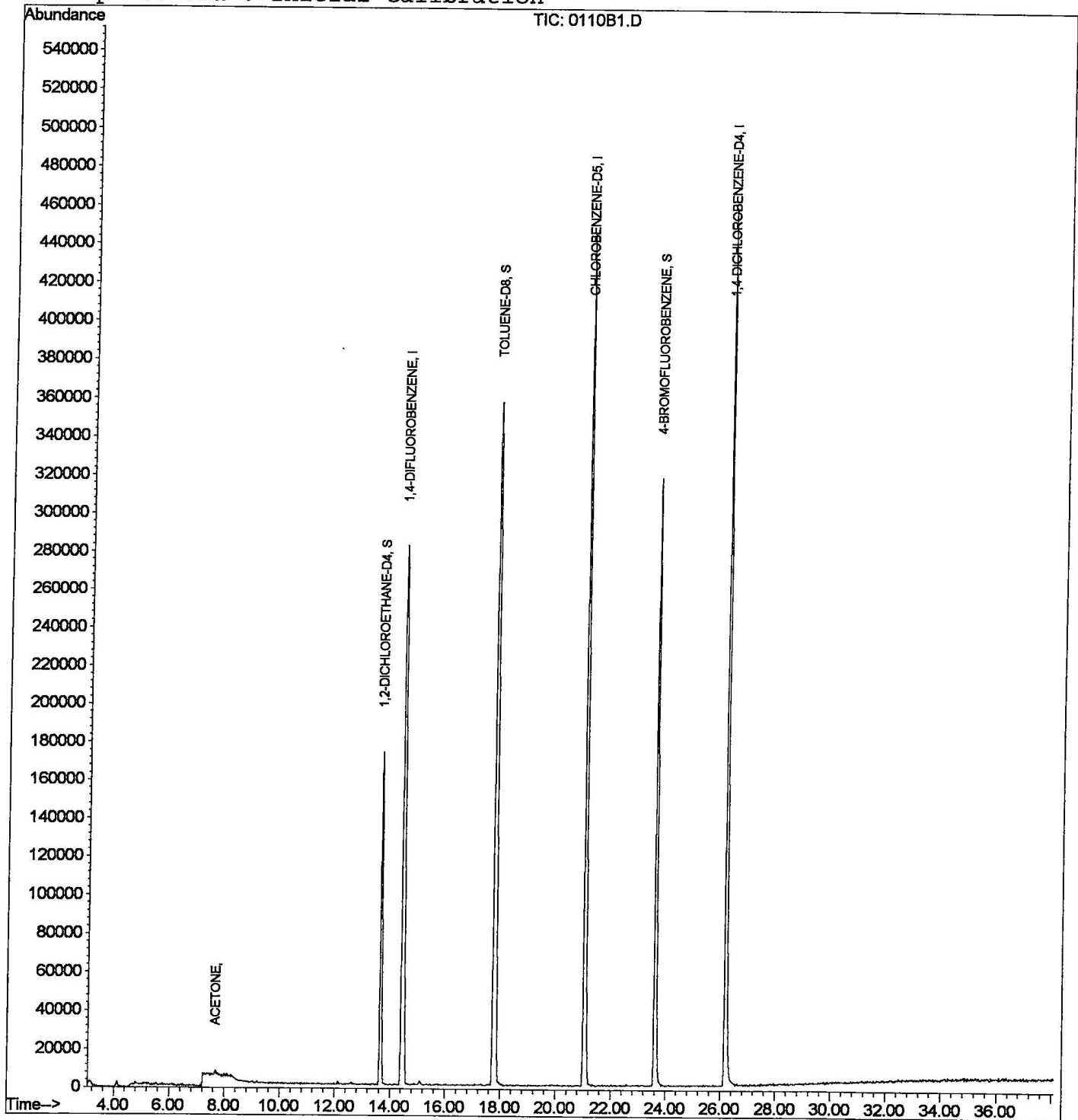
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\0110B1.D
Acq On : 10 Jan 2002 10:40 am
Sample : lab blank 1
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 10 13:10 2002

Vial: 1
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 14:47:19

Sample: AE00739
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 1/10/02 00:01 Ended: 1/10/02 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\0110c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.5		.5
3	Dichlorodifluoromethane		10		.5
4	Chloromethane		12		.5
5	Vinyl chloride	USPEC	15		.5
6	Bromomethane	USPEC	14		.5
7	Chloroethane	USPEC	15		.5
8	Trichlorofluoromethane	USPEC	14		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		10		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		12		.5
14	2-butanone (MEK)		9.8		2.0
15	2,2-dichloropropane		12		.5
16	cis-1,2-dichloroethene		12		.5
17	Chloroform		12		.5
18	Bromochloromethane		12		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		4.8		.5
21	1,1,1-trichloroethane		11		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		11		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		12		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		24		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		10		.5

4 high

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 14:47:19

Sample: AE00739
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/10/02 00:01 Ended: 1/10/02 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\0110c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		9.8		.5
52	TERT-butylbenzene		12		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		12		.5
62	Naphthalene		10		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		250		5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110C10.D

Vial: 2

Acq On : 10 Jan 2002 11:53 am

Operator: 206-bh

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 10 13:11 2002

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 10:17:54 2002

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	457936	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.05	117	484265	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	417696	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.66	65	168585	5.07	ug/L	0.03
Spiked Amount	5.000		Recovery	=	101.40%	
3) 4-BROMOFLUOROBENZENE	23.62	174	228231	5.54	ug/L	0.05
Spiked Amount	5.000		Recovery	=	110.80%	
23) TOLUENE-D8	17.76	98	587091	4.77	ug/L	0.05
Spiked Amount	5.000		Recovery	=	95.40%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.48	85	216548	10.06	ug/L	100
5) CHLOROMETHANE	5.00	50	226900	11.93	ug/L	100
6) VINYL CHLORIDE	5.15	62	291320	14.57	ug/L	98
7) BROMOMETHANE	6.08	94	189596	13.75	ug/L	100
8) CHLOROETHANE	6.21	64	141698	14.79	ug/L	99
9) TRICHLOROFLUOROMETHANE	6.75	101	355763	13.65	ug/L	98
10) ACETONE	7.69	43	31319	8.61	ug/L	90
11) 1,1-DICHLOROETHENE	8.03	61	323793	11.08	ug/L	99
12) METHYLENE CHLORIDE	9.00	49	354985	11.60	ug/L	98
13) METHYL TERT BUTYL ETHER	9.29	73	273107	10.21	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.65	61	331607	11.35	ug/L	97
15) 1,1-DICHLOROETHANE	10.54	63	433489	11.57	ug/L	100
16) 2-BUTANONE (MEK)	11.36	43	45828	9.80	ug/L	98
17) 2,2-DICHLOROPROPANE	11.73	77	364075	11.74	ug/L	100
18) CIS-1,2-DICHLOROETHENE	11.83	96	228244	11.68	ug/L	94
19) CHLOROFORM	12.16	83	434237	11.60	ug/L	99
20) BROMOCHLOROMETHANE	12.53	49	205545	11.64	ug/L	96
21) 1,2-DICHLOROETHANE	13.86	62	272431	10.99	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.04	97	356770	11.26	ug/L	99
25) 1,1-DICHLOROPROPENE	13.37	75	318805	11.33	ug/L	99
26) CARBON TETRACHLORIDE	13.62	117	309055	11.16	ug/L	100
27) BENZENE	13.98	78	923093	11.22	ug/L	99
28) TRICHLOROETHENE	15.22	95	240684	11.10	ug/L	98
29) 1,2-DICHLOROPROPANE	15.58	63	247480	10.99	ug/L	97
30) DIBROMOMETHANE	16.23	174	86004	10.69	ug/L	97
31) BROMODICHLOROMETHANE	16.09	83	318638	10.98	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.59	63	70211	9.63	ug/L	94
33) Methyl iso-butyl ketone	16.65	58	31427	11.92	ug/L	90

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

0110C10.D HP010402.M

Thu Jan 10 13:11:37 2002

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Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110C10.D
 Acq On : 10 Jan 2002 11:53 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 10 13:11 2002

Vial: 2
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 10:17:54 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.18	75	350260	10.82	ug/L	100
35) TOLUENE	17.93	91	1034945	11.38	ug/L	97
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	297722	11.24	ug/L	100
37) 1,1,2-TRICHLOROETHANE	18.60	97	145317	10.86	ug/L	98
38) TETRACHLOROETHENE	19.36	166	255936	11.36	ug/L	98
39) 1,3-DICHLOROPROPANE	19.12	76	282949	11.03	ug/L	99
40) DIBROMOCHLOROMETHANE	19.79	129	180205	10.92	ug/L	98
41) 1,2-DIBROMOETHANE	20.25	107	128332	10.65	ug/L	98
42) CHLOROBENZENE	21.12	112	703044	11.33	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.17	131	240254	11.27	ug/L	99
44) 2-HEXANONE	18.51	43	62748	11.83	ug/L	96
45) ETHYLBENZENE	21.17	91	1357743	11.70	ug/L	98
46) P & M-XYLENE	21.34	106	1016279	23.66	ug/L	99
47) O-XYLENE	22.31	91	1158298	12.13	ug/L	98
48) STYRENE	22.36	104	881523	12.23	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.37	83	199883	11.83	ug/L	98
51) BROMOFORM	23.20	173	108068	10.61	ug/L	98
52) ISOPROPYLBENZENE	23.03	105	1449639	10.96	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.71	110	53056	10.29	ug/L	93
54) N-PROPYLBENZENE	23.89	91	1995536	10.83	ug/L	99
55) BROMOBENZENE	24.12	156	336855	10.43	ug/L	96
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1259784	10.71	ug/L	97
57) 2-CHLOROTOLUENE	24.35	91	1328860	11.53	ug/L	100
58) 4-CHLOROTOLUENE	24.44	91	1111670	9.80	ug/L	98
59) TERT-BUTYLBENZENE	25.00	134	310566	11.53	ug/L	95
60) 1,2,4-TRIMETHYLBENZENE	25.09	105	1421428	10.98	ug/L	98
61) SEC-BUTYLBENZENE	25.45	105	1968622	11.01	ug/L	99
62) P-ISOPROPYLTOLUENE	25.72	119	1609860	11.42	ug/L	98
63) 1,3-DICHLOROBENZENE	26.06	146	840607	10.99	ug/L	99
64) 1,4-DICHLOROBENZENE	26.28	146	847042	10.86	ug/L	98
65) N-BUTYLBENZENE	26.60	91	1764812	11.49	ug/L	99
66) 1,2-DICHLOROBENZENE	27.11	146	757891	11.47	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	36792	7.67	ug/L	95
68) NITROBENZENE	28.95	77	298046	246.59	ug/L	99
69) 1,2,4-TRICHLOROBENZENE	30.71	180	444997	11.07	ug/L	99
70) HEXACHLOROBUTADIENE	30.95	225	256313	11.52	ug/L	97
71) NAPHTHALENE	31.37	128	464902	10.46	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.94	180	328379	10.81	ug/L	97

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

0110C10.D HP010402.M

Thu Jan 10 13:11:40 2002

Page 2

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/17/2002 Time: 16:26:04

Sample: AE00739
 Analysis: \$RE524 Reference Recovery for 524
 Units: ug
 Started: 01/10/02 00:01 Ended: 01/10/02 00:01 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.5	
2	4-BROMOFLUOROBENZENE		6.1	
3	DICHLORODIFLUOROMETHANE		40	.5
4	CHLOROMETHANE		52	.5
5	VINYL CHLORIDE		41	.5
6	BROMOMETHANE		57	.5
7	CHLOROETHANE		64	.5
8	TRICHLOROFLUOROMETHANE		56	.5
9	ACETONE		35	.5
10	1,1-DICHLOROETHENE		39	.5
11	METHYLENE CHLORIDE		39	.5
12	METHYL TERT BUTYL ETHER		40	1
13	TRANS-1,2-DICHLOROETHENE		43	.5
14	1,1-DICHLOROETHANE		42	.5
15	2-BUTANONE (MEK)		42	.5
16	2,2-DICHLOROPROPANE		44	.5
17	CIS-1,2-DICHLOROETHENE		44	.5
18	CHLOROFORM		41	.5
19	BROMOCHLOROMETHANE		39	.5
20	1,2-DICHLOROETHANE		39	.5
21	TOLUENE-D8		4.5	
22	1,1,1-TRICHLOROETHANE		38	.5
23	1,1-DICHLOROPROPENE		39	.5
24	CARBON TETRACHLORIDE		38	.5
25	BENZENE		38	.5
26	TRICHLOROETHENE		40	.5
27	1,2-DICHLOROPROPANE		37	.5
28	DIBROMOMETHANE		40	.5
29	BROMODICHLOROMETHANE		37	.5
30	2-CHLOROETHYL VINYL ETHER		37	.5
31	METHYL ISO-BUTYL KETONE		52	1
32	CIS-1,3-DICHLOROPROPENE		41	.5
33	TOLUENE		41	.5
34	TRANS-1,3-DICHLOROPROPENE		39	.5
35	1,1,2-TRICHLOROETHANE		39	.5
36	TETRACHLOROETHENE		48	.5
37	1,3-DICHLOROPROPANE		41	.5
38	DIBROMOCHLOROMETHANE		43	2
39	1,2-DIBROMOETHANE		42	.5
40	CHLOROBENZENE		45	.5
41	1,1,1,2-TETRACHLOROETHANE		45	.5
42	2-HEXANONE		56	.5
43	ETHYLBENZENE		47	.5
44	P & M-XYLENE		95	.5
45	O-XYLENE		48	.5
46	STYRENE		49	.5
47	1,1,2,2-TETRACHLOROETHANE		43	.5

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/17/2002 Time: 16:26:04

Sample: AE00739

Analysis: SRE524 Reference recovery for 524

Units: ug

Started: 01/10/02 00:01 Ended: 01/10/02 00:01 Analyst: BH

Result source: manual entry

Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		44	2
49	ISOPROPYLBENZENE		45	.5
50	1,2,3-TRICHLOROPROPANE		38	.5
51	N-PROPYLBENZENE		47	.5
52	BROMOBENZENE		42	.5
53	1,3,5-TRIMETHYLBENZENE		44	.5
54	2-CHLOROTOLUENE		44	.5
55	4-CHLOROTOLUENE		43	.5
56	TERT-BUTYLBENZENE		48	.5
57	1,2,4-TRIMETHYLBENZENE		46	.5
58	SEC-BUTYLBENZENE		47	.5
59	P-ISOPROPYLTOLUENE		46	.5
60	1,3-DICHLOROBENZENE		45	.5
61	1,4-DICHLOROBENZENE		45	.5
62	N-BUTYLBENZENE		47	.5
63	1,2-DICHLOROBENZENE		45	.5
64	1,2-DIBROMO-3-CHLOROPROPA		33	.5
65	1,2,4-TRICHLOROBENZENE		49	.5
66	HEXACHLOROBUTADIENE		47	.5
67	NAPHTHALENE		47	.5
68	1,2,3-TRICHLOROBENZENE		46	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		1056	5.0

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/17/2002 Time: 16:25:20

Sample: AE00739

Analysis: SQ_524 Volatile Organic Compounds Reference Rec

Units: ug

Started: 01/16/02 14:49 Ended: 01/16/02 14:49 Analyst: BH

Result source: manual entry

Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.5	.5
2	Surr - 4-BROMOFLUOROBENZE		6.1	.5
3	Dichlorodifluoromethane		100	.5
4	Chloromethane		130	.5
5	Vinyl chloride		102.5	.5
6	Bromomethane		142.5	.5
7	Chloroethane	USPEC	160	.5
8	Trichlorofluoromethane		140	.5
9	1,1-Dichloroethene		97.5	.5
10	Methylene Chloride		97.5	.5
11	Methyl tert butyl ether		100	1.0
12	trans-1,2-dichloroethene		107.5	.5
13	1,1-dichloroethane		105	.5
14	2-butanone (MEK)		105	2.0
15	2,2-dichloropropane		110	.5
16	cis-1,2-dichloroethene		110	.5
17	Chloroform		102.5	.5
18	Bromochloromethane		97.5	.5
19	1,2-dichloroethane		97.5	.5
20	Surr - TOLUENE-D8		4.5	.5
21	1,1,1-trichloroethane		95	.5
22	1,1-dichloropropene		97.5	.5
23	Carbon tetrachloride		95	.5
24	Benzene		95	.5
25	Trichloroethene		100	.5
26	1,2-dichloropropane		92.5	.5
27	Dibromomethane		100	.5
28	Bromodichloromethane		92.5	.5
29	Methyl iso-butyl ketone		130	1.0
30	cis-1,3-dichloropropene		102.5	.5
31	Toluene		102.5	.5
32	trans-1,3-dichloropropene		97.5	.5
33	1,1,2-trichloroethane		97.5	.5
34	Tetrachloroethene		120	.5
35	1,3-dichloropropane		102.5	.5
36	Dibromochloromethane		107.5	2.0
37	Chlorobenzene		112.5	.5
38	1,1,1,2-tetrachloroethane		112.5	.5
39	Ethylbenzene		117.5	.5
40	P & M-xylene		118.75	.5
41	O-xylene		120	.5
42	Styrene		122.5	.5
43	1,1,2,2-tetrachloroethane		107.5	.5
44	Bromoform		110	2.0
45	Isopropylbenzene		112.5	.5
46	1,2,3-trichloropropane		95	.5
47	N-propylbenzene		117.5	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/17/2002 Time: 16:25:20

Sample: AE00739
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 01/16/02 14:49 Ended: 01/16/02 14:49 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		105	.5
49	1,3,5-trimethylbenzene		110	.5
50	2-chlorotoluene		110	.5
51	4-chlorotoluene		107.5	.5
52	TERT-butylbenzene		120	.5
53	1,2,4-trimethylbenzene		115	.5
54	SEC-butylbenzene		117.5	.5
55	P-Isopropyltoluene		115	.5
56	1,3-dichlorobenzene		112.5	.5
57	1,4-dichlorobenzene		112.5	.5
58	N-butylbenzene		117.5	.5
59	1,2-dichlorobenzene		112.5	.5
60	1,2,4-trichlorobenzene		122.5	.5
61	Hexachlorobutadiene		117.5	.5
62	Naphthalene		117.5	.5
63	1,2,3-trichlorobenzene		115	.5
64	Ethanol		< MDL	
65	Nitrobenzene		130	5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110R40.D

Acq On : 10 Jan 2002 1:36 pm

Sample : ~~cal 10~~ *Ref 40*

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 11 9:02 2002

Vial: 3

Operator: 206-bh

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 10:17:54 2002

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	631223	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.05	117	721977	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	620538	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	208715	4.55	ug/L	0.05
Spiked Amount	5.000		Recovery	=	91.00%	
3) 4-BROMOFLUOROBENZENE	23.62	174	348062	6.13	ug/L	0.05
Spiked Amount	5.000		Recovery	=	122.60%	
23) TOLUENE-D8	17.78	98	826294	4.51	ug/L	0.07
Spiked Amount	5.000		Recovery	=	90.20%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.48	85	1200391	40.47	ug/L	100
5) CHLOROMETHANE	5.00	50	1375579	52.49	ug/L	99
6) VINYL CHLORIDE	5.14	62	1116985	40.52	ug/L	99
7) BROMOMETHANE	6.08	94	1089549	57.34	ug/L	98
8) CHLOROETHANE	6.21	64	842057	63.78	ug/L	99
9) TRICHLOROFLUOROMETHANE	6.77	101	2000000	55.69	ug/L	99
10) ACETONE	7.69	43	174691	34.82	ug/L	96
11) 1,1-DICHLOROETHENE	8.03	61	1563675	38.83	ug/L	99
12) METHYLENE CHLORIDE	9.00	49	1633053	38.72	ug/L	99
13) METHYL TERT BUTYL ETHER	9.29	73	1466905	39.80	ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.65	61	1723088	42.79	ug/L	98
15) 1,1-DICHLOROETHANE	10.54	63	2148117	41.59	ug/L	99
16) 2-BUTANONE (MEK)	11.36	43	271399	42.12	ug/L	99
17) 2,2-DICHLOROPROPANE	11.73	77	1900930	44.45	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.83	96	1176769	43.69	ug/L	95
19) CHLOROFORM	12.16	83	2116653	41.01	ug/L	100
20) BROMOCHLOROMETHANE	12.53	49	956257	39.28	ug/L	98
21) 1,2-DICHLOROETHANE	13.86	62	1320066	38.64	ug/L	99
24) 1,1,1-TRICHLOROETHANE	13.04	97	1782190	37.72	ug/L	100
25) 1,1-DICHLOROPROPENE	13.38	75	1651538	39.37	ug/L	98
26) CARBON TETRACHLORIDE	13.62	117	1567629	37.98	ug/L	99
27) BENZENE	13.98	78	4679041	38.15	ug/L	99
28) TRICHLOROETHENE	15.24	95	1297493	40.15	ug/L	98
29) 1,2-DICHLOROPROPANE	15.58	63	1248220	37.19	ug/L	100
30) DIBROMOMETHANE	16.25	174	478714	39.91	ug/L	89
31) BROMODICHLOROMETHANE	16.09	83	1620303	37.44	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.59	63	407272	37.48	ug/L	95
33) Methyl iso-butyl ketone	16.65	58	203270	51.70	ug/L	98

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

0110R40.D HP010402.M

Fri Jan 11 09:02:21 2002

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110R40.D
 Acq On : 10 Jan 2002 1:36 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:02 2002

Vial: 3
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 10:17:54 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.18	75	1956080	40.53	ug/L	100
35) TOLUENE	17.95	91	5604848	41.32	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	1558198	39.45	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.60	97	783216	39.25	ug/L	99
38) TETRACHLOROETHENE	19.38	166	1618171	48.18	ug/L	97
39) 1,3-DICHLOROPROPANE	19.12	76	1556965	40.70	ug/L	99
40) DIBROMOCHLOROMETHANE	19.81	129	1056095	42.92	ug/L	99
41) 1,2-DIBROMOETHANE	20.25	107	754390	41.99	ug/L	100
42) CHLOROBENZENE	21.13	112	4184267	45.23	ug/L	97
43) 1,1,1,2-TETRACHLOROETHANE	21.19	131	1415971	44.54	ug/L	98
44) 2-HEXANONE	18.51	43	439271	55.57	ug/L	93
45) ETHYLBENZENE	21.19	91	8084804	46.72	ug/L	99
46) P & M-XYLENE	21.34	106	6065731	94.74	ug/L	96
47) O-XYLENE	22.31	91	6787033	47.66	ug/L	99
48) STYRENE	22.36	104	5222812	48.60	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	1095452	43.50	ug/L	99
51) BROMOFORM	23.20	173	666157	44.01	ug/L	99
52) ISOPROPYLBENZENE	23.03	105	8796438	44.75	ug/L	100
53) 1,2,3-TRICHLOROPROPANE	23.71	110	294178	38.39	ug/L	94
54) N-PROPYLBENZENE	23.89	91	12797052	46.75	ug/L	100
55) BROMOBENZENE	24.13	156	2020687	42.11	ug/L	87
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	7709670	44.11	ug/L	99
57) 2-CHLOROTOLUENE	24.37	91	7518083	43.91	ug/L	99
58) 4-CHLOROTOLUENE	24.44	91	7225832	42.90	ug/L	99
59) TERT-BUTYLBENZENE	25.00	134	1917280	47.91	ug/L	97
60) 1,2,4-TRIMETHYLBENZENE	25.09	105	8756216	45.55	ug/L	100
61) SEC-BUTYLBENZENE	25.46	105	12503830	47.06	ug/L	98
62) P-ISOPROPYLTOLUENE	25.72	119	9661097	46.12	ug/L	98
63) 1,3-DICHLOROBENZENE	26.06	146	5115044	45.00	ug/L	98
64) 1,4-DICHLOROBENZENE	26.28	146	5172929	44.66	ug/L	99
65) N-BUTYLBENZENE	26.60	91	10780060	47.24	ug/L	99
66) 1,2-DICHLOROBENZENE	27.11	146	4450913	45.34	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	232708	32.66	ug/L	100
68) NITROBENZENE	28.97	77	1899646	1057.93	ug/L	93
69) 1,2,4-TRICHLOROBENZENE	30.71	180	2918158	48.86	ug/L	98
70) HEXACHLOROBUTADIENE	30.97	225	1565748	47.37	ug/L	97
71) NAPHTHALENE	31.37	128	3118653	47.25	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.94	180	2065147	45.75	ug/L	99

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

0110R40.D HP010402.M

Fri Jan 11 09:02:23 2002

Page 2

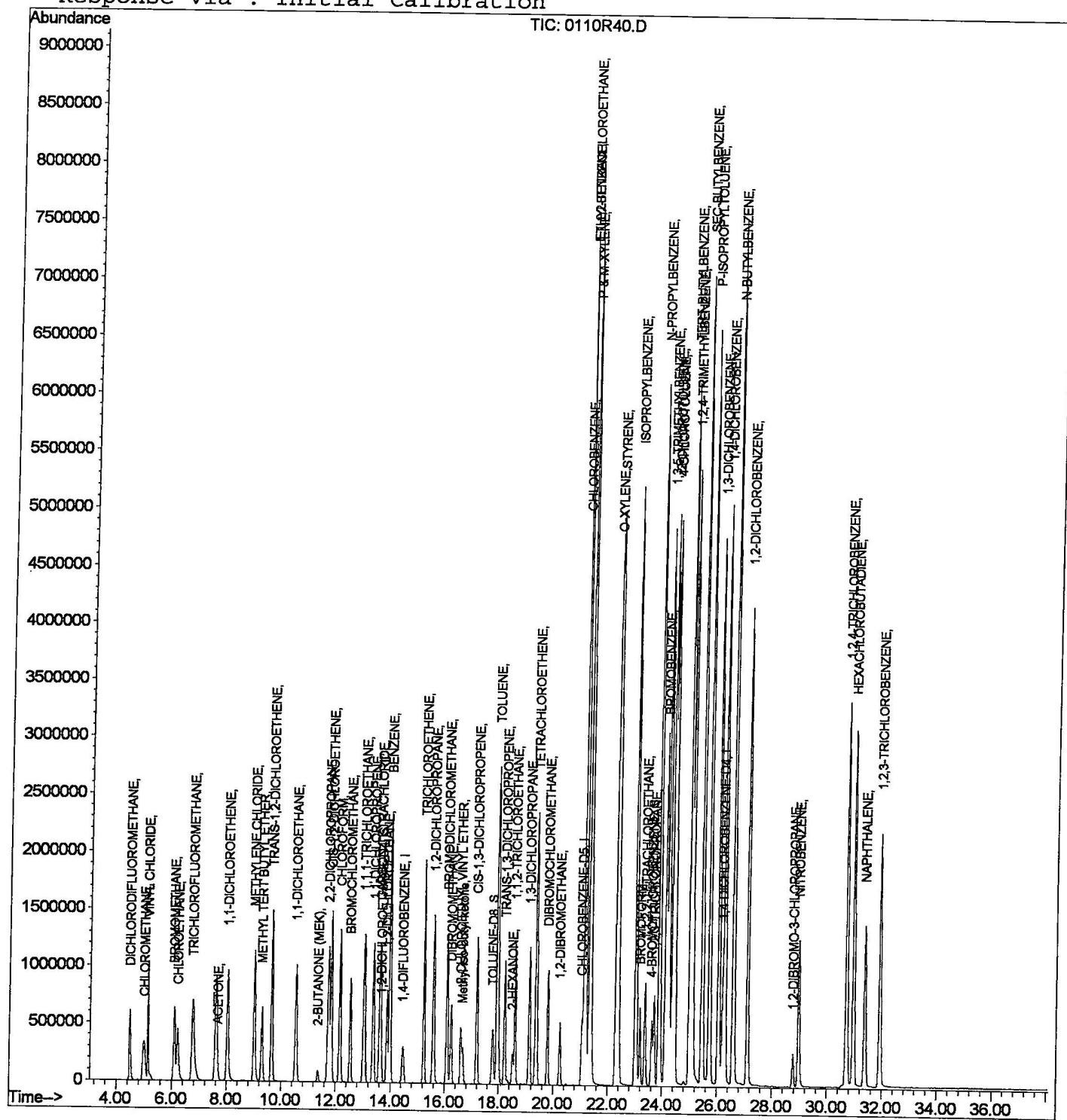
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\0110R40.D
Acq On : 10 Jan 2002 1:36 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 11 9:02 2002

Vial: 3
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



0110R40.D HP010402.M

Fri Jan 11 09:02:30 2002

Page 3

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110B2.D
 Acq On : 10 Jan 2002 2:50 pm
 Sample : lab blank 2
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:06 2002

Vial: 1
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	806470	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.05	117	762300	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	374547	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	263529	4.50	ug/L	0.05
Spiked Amount 5.000			Recovery	=	90.00%	
3) 4-BROMOFLUOROBENZENE	23.64	174	262412	3.62	ug/L	0.07
Spiked Amount 5.000			Recovery	=	72.40%	
23) TOLUENE-D8	17.78	98	993959	5.13	ug/L	0.07
Spiked Amount 5.000			Recovery	=	102.60%	
Target Compounds						
5) CHLOROMETHANE	4.97	50	4966	0.15	ug/L	Qvalue 91
7) BROMOMETHANE	6.13	94	5762	0.24	ug/L	89
63) 1,3-DICHLOROBENZENE	26.08	146	8771	0.13	ug/L	86
64) 1,4-DICHLOROBENZENE	26.30	146	10406	0.15	ug/L	95
65) N-BUTYLBENZENE	26.62	91	20727	0.15	ug/L	93
66) 1,2-DICHLOROBENZENE	27.15	146	11620	0.20	ug/L	94
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.78	157	757	0.18	ug/L	91
68) NITROBENZENE	28.99	77	56997	52.59	ug/L	93
69) 1,2,4-TRICHLOROBENZENE	30.73	180	34588	0.96	ug/L	98
70) HEXACHLOROBUTADIENE	30.96	225	21571	1.08	ug/L	96
71) NAPHTHALENE	31.39	128	66648	1.67	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.94	180	66670	2.45	ug/L	100

(#) = qualifier out of range (m) = manual integration
 0110B2.D HP010402.M Fri Jan 11 09:06:45 2002

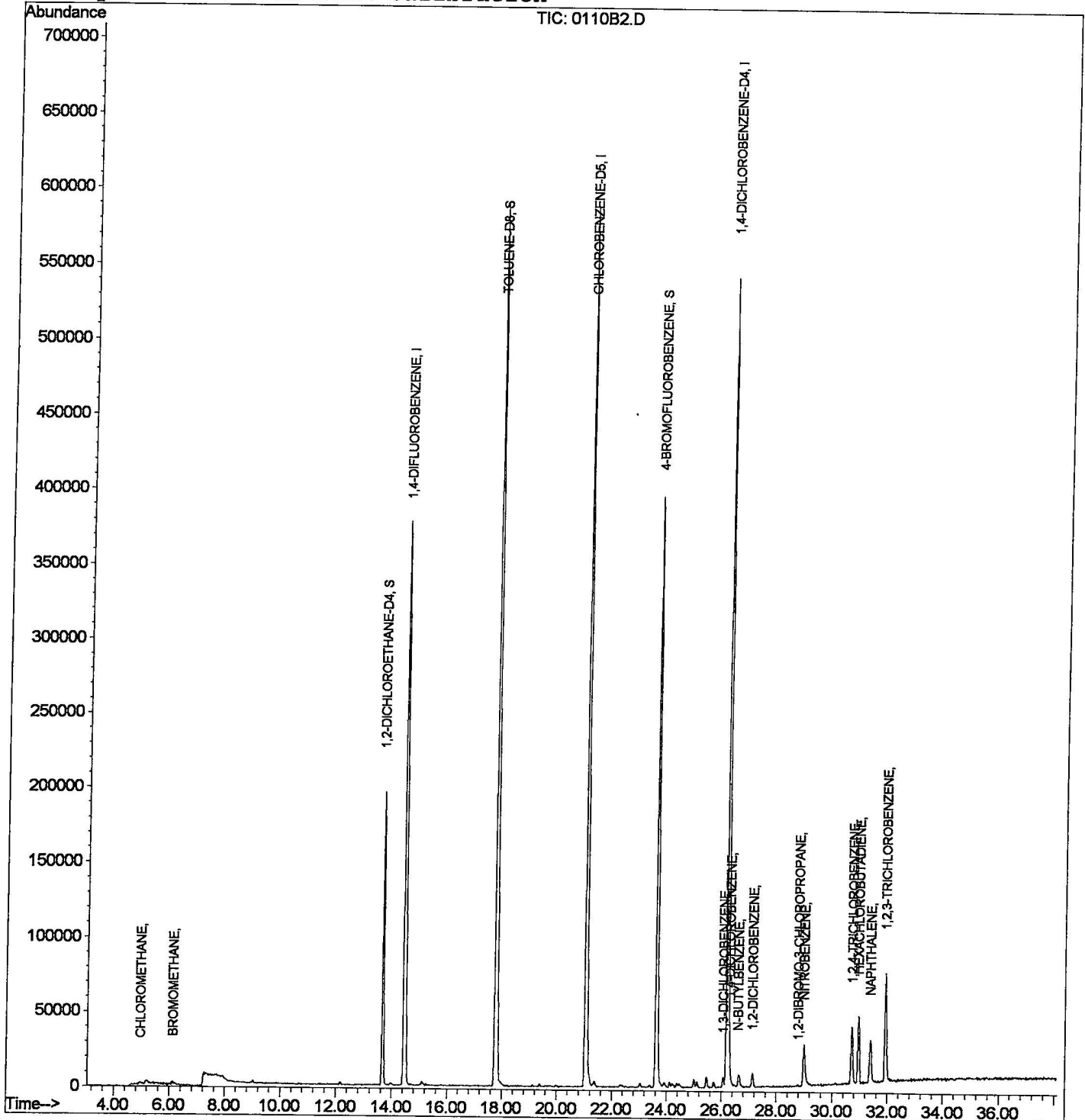
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\0110B2.D
Acq On : 10 Jan 2002 2:50 pm
Sample : lab blank 2
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 11 9:06 2002

Vial: 1
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110B3.D
 Acq On : 10 Jan 2002 5:43 pm
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 10:43 2002

Vial: 2
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 10:17:54 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	476896	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.05	117	469470	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	223822	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	181370	5.23	ug/L	0.05
Spiked Amount 5.000			Recovery	=	104.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	151017	3.52	ug/L	0.05
Spiked Amount 5.000			Recovery	=	70.40%	
23) TOLUENE-D8	17.78	98	611578	5.13	ug/L	0.07
Spiked Amount 5.000			Recovery	=	102.60%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 0110B3.D HP010402.M Fri Jan 11 10:43:25 2002

Page 1

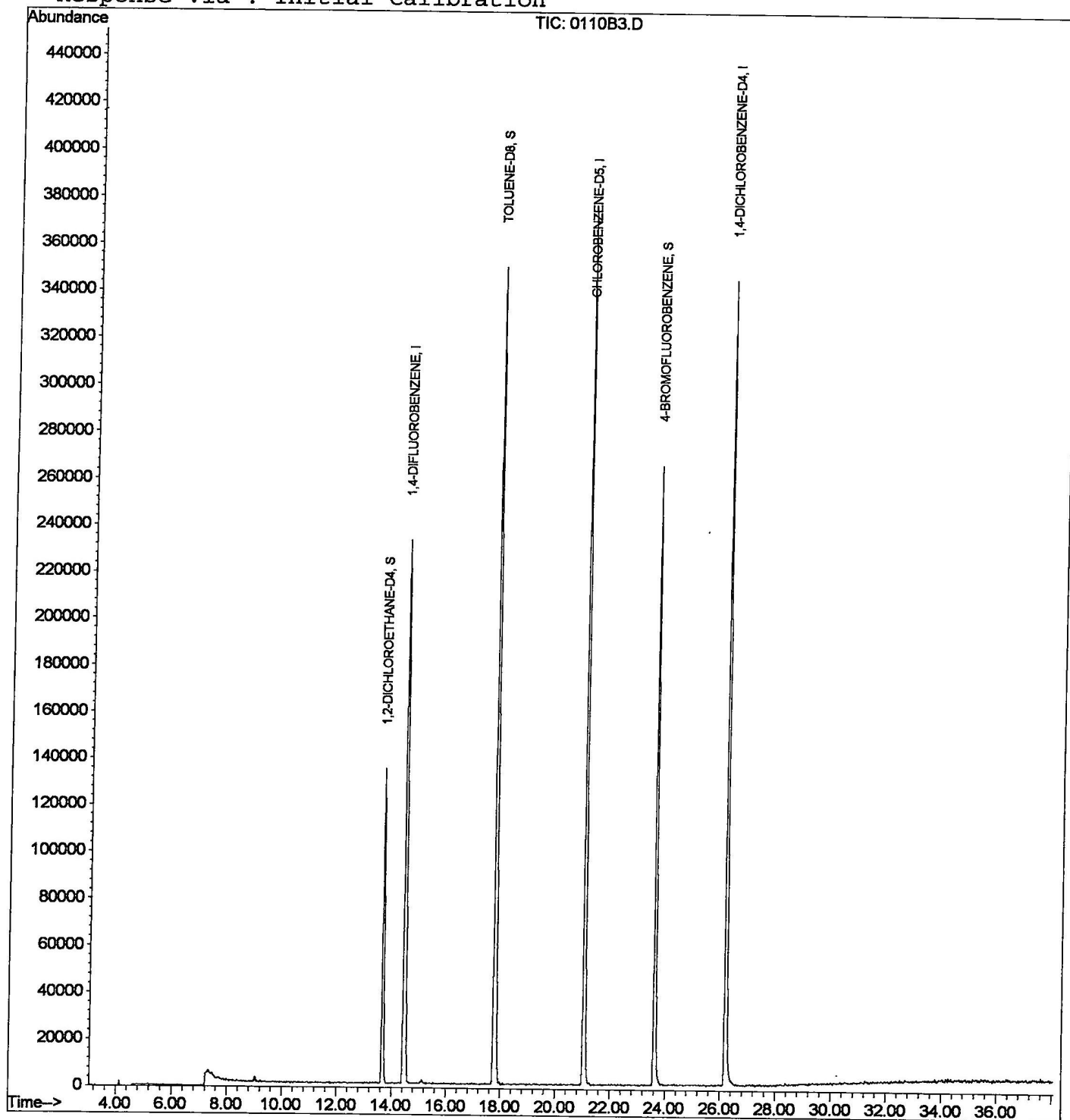
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\0110B3.D
Acq On : 10 Jan 2002 5:43 pm
Sample : lb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 11 10:43 2002

Vial: 2
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 14:52:56

Sample: AE00739
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 1/10/02 00:06 Ended: 1/10/02 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\0110c10a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		5.3		.5
3	Dichlorodifluoromethane		7.5		.5
4	Chloromethane		9.0		.5
5	Vinyl chloride		11		.5
6	Bromomethane		9.9		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		10		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride	USPEC	14		.5
11	Methyl tert-butyl ether (MTBE)		9.8		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		8.7		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1-trichloroethane		11		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		11		.5
24	Benzene		12		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		12		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		12		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		12		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		24		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		10		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 14:52:56

Sample: AE00739
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 1/10/02 00:06 Ended: 1/10/02 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\0110c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		11		.5
52	TERT-butylbenzene		12		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		10		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		210		5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110C10A.D
 Acq On : 10 Jan 2002 6:27 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:14 2002

Vial: 1
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	507182	5.00	ug/L	0.08
22) CHLOROBENZENE-D5	21.05	117	504398	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	441715	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	182704	4.96	ug/L	0.05
Spiked Amount	5.000		Recovery	=	99.20%	
3) 4-BROMOFLUOROBENZENE	23.62	174	243265	5.33	ug/L	0.05
Spiked Amount	5.000		Recovery	=	106.60%	
23) TOLUENE-D8	17.78	98	641426	5.01	ug/L	0.07
Spiked Amount	5.000		Recovery	=	100.20%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.51	85	178400	7.49	ug/L	98
5) CHLOROMETHANE	5.01	50	189631	9.00	ug/L	100
6) VINYL CHLORIDE	5.18	62	233604	10.55	ug/L	99
7) BROMOMETHANE	6.10	94	150586	9.86	ug/L	98
8) CHLOROETHANE	6.23	64	115489	10.89	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.77	101	299285	10.37	ug/L	99
10) ACETONE	7.70	43	29659	7.36	ug/L	95
11) 1,1-DICHLOROETHENE	8.04	61	347969	10.75	ug/L	99
12) METHYLENE CHLORIDE	9.02	49	463970	13.69	ug/L	99
13) METHYL TERT BUTYL ETHER	9.31	73	290605	9.81	ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.67	61	349926	10.82	ug/L	100
15) 1,1-DICHLOROETHANE	10.55	63	475876	11.47	ug/L	99
16) 2-BUTANONE (MEK)	11.37	43	45244	8.74	ug/L	99
17) 2,2-DICHLOROPROPANE	11.75	77	353948	10.30	ug/L	97
18) CIS-1,2-DICHLOROETHENE	11.83	96	248704	11.49	ug/L	98
19) CHLOROFORM	12.17	83	466153	11.24	ug/L	98
20) BROMOCHLOROMETHANE	12.55	49	222626	11.38	ug/L	98
21) 1,2-DICHLOROETHANE	13.88	62	299508	10.91	ug/L	99
24) 1,1,1-TRICHLOROETHANE	13.06	97	372904	11.30	ug/L	99
25) 1,1-DICHLOROPROPENE	13.38	75	335137	11.44	ug/L	98
26) CARBON TETRACHLORIDE	13.64	117	318211	11.04	ug/L	97
27) BENZENE	13.99	78	988574	11.54	ug/L	100
28) TRICHLOROETHENE	15.24	95	256982	11.38	ug/L	96
29) 1,2-DICHLOROPROPANE	15.60	63	269103	11.47	ug/L	99
30) DIBROMOMETHANE	16.24	174	91174	10.88	ug/L	98
31) BROMODICHLOROMETHANE	16.09	83	343166	11.35	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	69699	9.18	ug/L	94
33) Methyl iso-butyl ketone	16.67	58	34121	12.42	ug/L	91

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

0110C10A.D HP010402.M

Fri Jan 11 09:14:47 2002

Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\0110C10A.D
 Acq On : 10 Jan 2002 6:27 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:14 2002

Vial: 1
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.20	75	377405	11.19	ug/L	99
35) TOLUENE	17.95	91	1091353	11.52	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	305384	11.07	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.59	97	156313	11.21	ug/L	97
38) TETRACHLOROETHENE	19.38	166	263273	11.22	ug/L	98
39) 1,3-DICHLOROPROPANE	19.12	76	297319	11.12	ug/L	98
40) DIBROMOCHLOROMETHANE	19.80	129	188330	10.96	ug/L	97
41) 1,2-DIBROMOETHANE	20.25	107	135232	10.77	ug/L	97
42) CHLOROBENZENE	21.13	112	745835	11.54	ug/L	98
43) 1,1,1,2-TETRACHLOROETHANE	21.18	131	252020	11.35	ug/L	99
44) 2-HEXANONE	18.51	43	64231	11.63	ug/L	99
45) ETHYLBENZENE	21.18	91	1448411	11.98	ug/L	99
46) P & M-XYLENE	21.35	106	1087125	24.30	ug/L	99
47) O-XYLENE	22.31	91	1241898	12.48	ug/L	100
48) STYRENE	22.38	104	928374	12.37	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	211893	12.04	ug/L	98
51) BROMOFORM	23.19	173	110941	10.30	ug/L	96
52) ISOPROPYLBENZENE	23.02	105	1515491	10.83	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.71	110	55325	10.14	ug/L	94
54) N-PROPYLBENZENE	23.89	91	2136459	10.97	ug/L	100
55) BROMOBENZENE	24.13	156	359336	10.52	ug/L	92
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1392790	11.20	ug/L	98
57) 2-CHLOROTOLUENE	24.37	91	1329492	10.91	ug/L	100
58) 4-CHLOROTOLUENE	24.44	91	1301957	10.86	ug/L	100
59) TERT-BUTYLBENZENE	25.00	134	332033	11.66	ug/L	99
60) 1,2,4-TRIMETHYLBENZENE	25.10	105	1512879	11.06	ug/L	100
61) SEC-BUTYLBENZENE	25.46	105	2092540	11.06	ug/L	100
62) P-ISOPROPYLTOLUENE	25.72	119	1696373	11.38	ug/L	99
63) 1,3-DICHLOROBENZENE	26.06	146	896254	11.08	ug/L	99
64) 1,4-DICHLOROBENZENE	26.28	146	885930	10.75	ug/L	99
65) N-BUTYLBENZENE	26.60	91	1839576	11.33	ug/L	99
66) 1,2-DICHLOROBENZENE	27.11	146	787749	11.27	ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	37033	7.30	ug/L	96
68) NITROBENZENE	28.97	77	271719	212.58	ug/L	98
69) 1,2,4-TRICHLOROBENZENE	30.71	180	455424	10.71	ug/L	99
70) HEXACHLOROBUTADIENE	30.95	225	262415	11.15	ug/L	97
71) NAPHTHALENE	31.37	128	474169	10.09	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.93	180	324734	10.11	ug/L	96

(#) = qualifier out of range (m) = manual integration
 0110C10A.D HP010402.M Fri Jan 11 09:14:49 2002

Page 2

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/17/2002 Time: 16:29:32

Sample: AE00466
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 01/10/02 00:09 Ended: 01/14/02 00:09 Analyst: BH
 Result source: a:\00466.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.95 ✓	0.5
2	Surr - 4-BROMOFLUOROBENZE		3.53 ✓	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL ✓	0.5
20	Surr - TOLUENE-D8		5.16 ✓	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY

DATE

[Signature]
 1/17/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/17/2002 Time: 16:29:32

Sample: AE00466
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 01/10/02 00:09 Ended: 01/14/02 00:09 Analyst: BH
Result source: a:\00466.rr
Page: 2

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

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\466.D
 Acq On : 10 Jan 2002 7:10 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:27 2002

Vial: 4
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	541482	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.05	117	515025	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	246784	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	194976	4.95	ug/L	0.05
Spiked Amount	5.000					
			Recovery	= 99.00%		
3) 4-BROMOFLUOROBENZENE	23.62	174	172134	3.53	ug/L	0.05
Spiked Amount	5.000					
			Recovery	= 70.60%		
23) TOLUENE-D8	17.78	98	675088	5.16	ug/L	0.07
Spiked Amount	5.000					
			Recovery	= 103.20%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
10) ACETONE	7.70	43	6006	1.40	ug/L	87
69) 1,2,4-TRICHLOROBENZENE	30.71	180	5229	0.22	ug/L	93
70) HEXACHLOROBUTADIENE	30.95	225	3173	0.24	ug/L	96
72) 1,2,3-TRICHLOROBENZENE	31.94	180	11506	0.64	ug/L	94

*above
LOD*

*Carryover
from C10
SV
1/17/02*

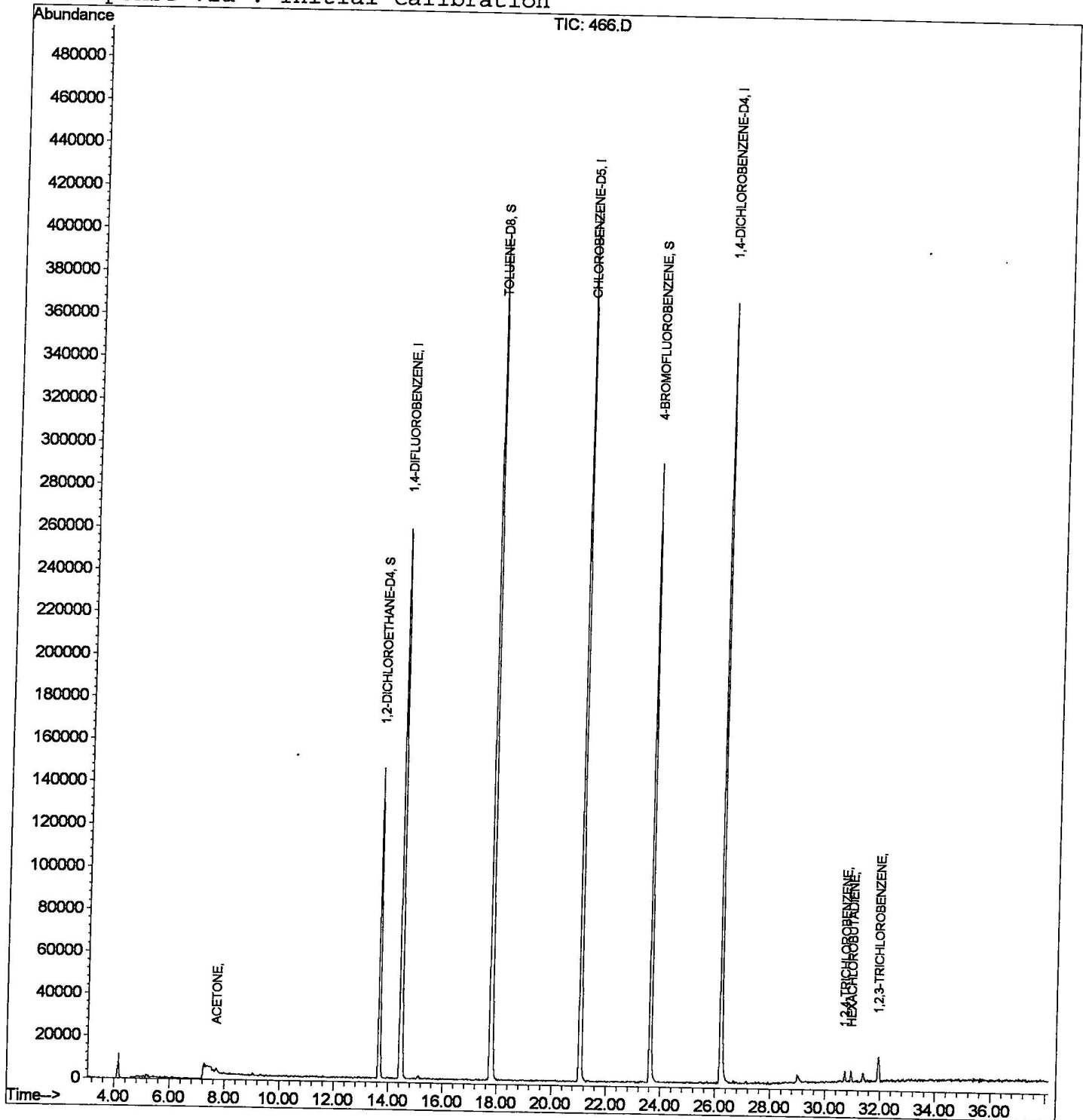
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\466.D
 Acq On : 10 Jan 2002 7:10 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:27 2002

Vial: 4
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\S011402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Jan 16 15:11:34 2002
 Response via : Initial Calibration



466.D S011402.M

Thu Jan 17 15:18:10 2002

Page 2

Library Search Compound Report

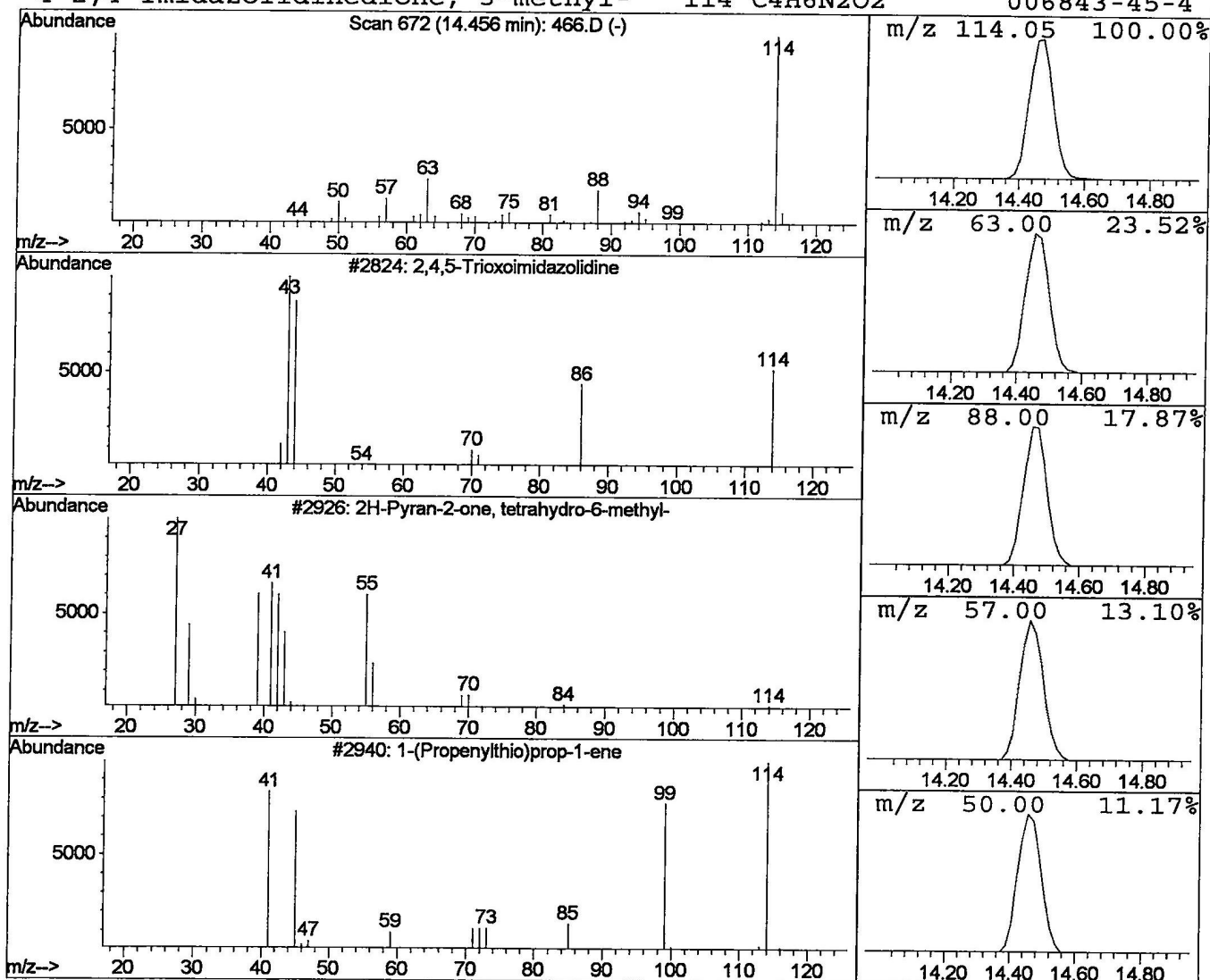
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Acq On : 10 Jan 2002 7:10 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : NBS75K.L

Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.46	5.00 ug/L	1311160	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		2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
3		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4		2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN11\466D.D
 Acq On : 11 Jan 2002 3:54 pm
 Sample : nyc dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 17 15:45 2002

Vial: 2
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 10:17:54 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.47	114	430671	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.07	117	403961	5.00	ug/L	0.07
50) 1,4-DICHLOROBENZENE-D4	26.23	152	182928	5.00	ug/L	0.07

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.69	65	147598	4.72	ug/L	0.07
Spiked Amount 5.000			Recovery	=	94.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	125466	3.24	ug/L	0.07
Spiked Amount 5.000			Recovery	=	64.80%	
23) TOLUENE-D8	17.80	98	553963	5.40	ug/L	0.09
Spiked Amount 5.000			Recovery	=	108.00%	

Target Compounds

10) ACETONE	7.70	43	4288	1.25	ug/L	Qvalue 91
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Cal 10 failed as well as surrogate.
BH

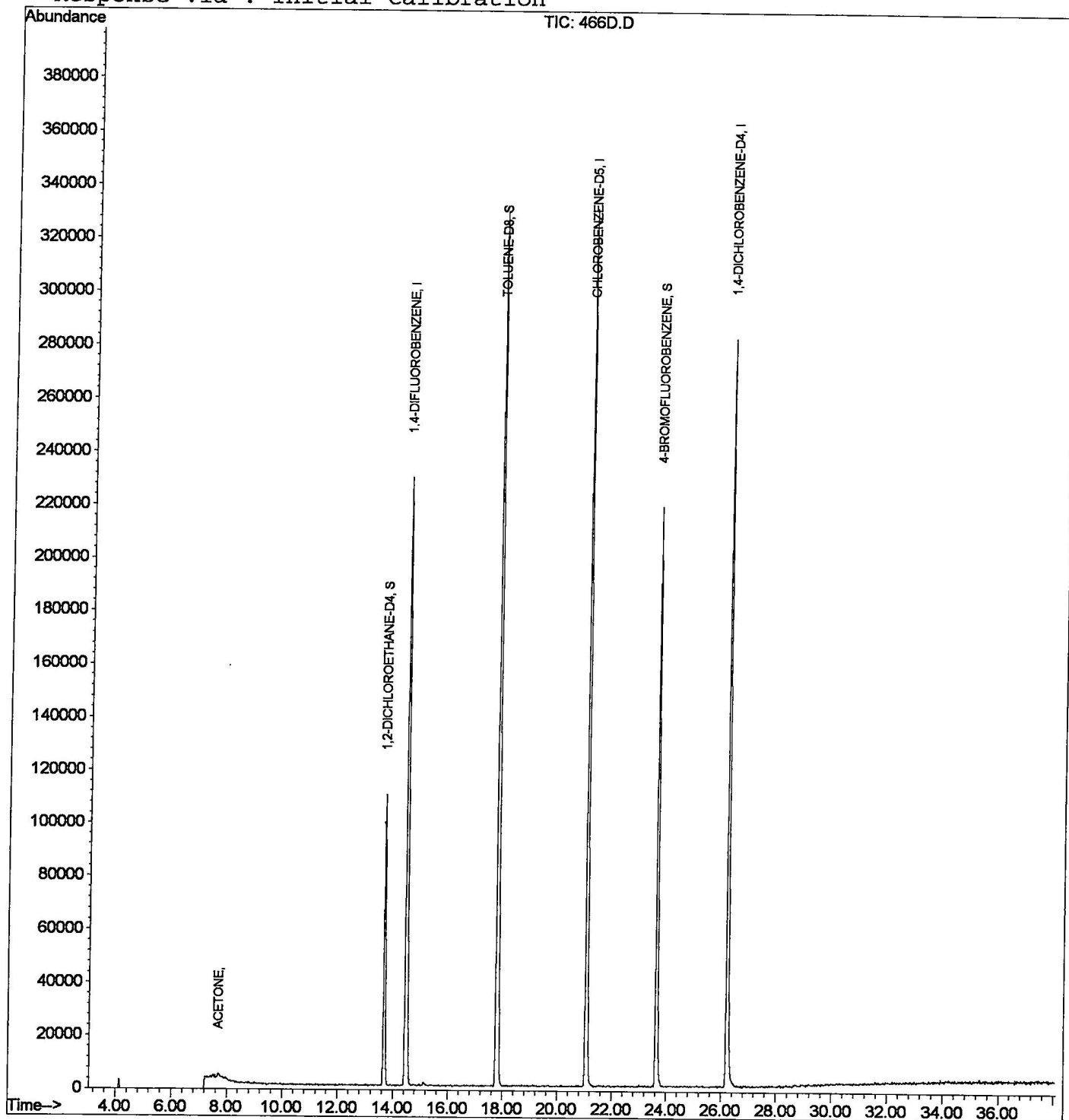
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN11\466D.D
Acq On : 11 Jan 2002 3:54 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 15:45 2002

Vial: 2
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN11\466D.D
Acq On : 11 Jan 2002 3:54 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P

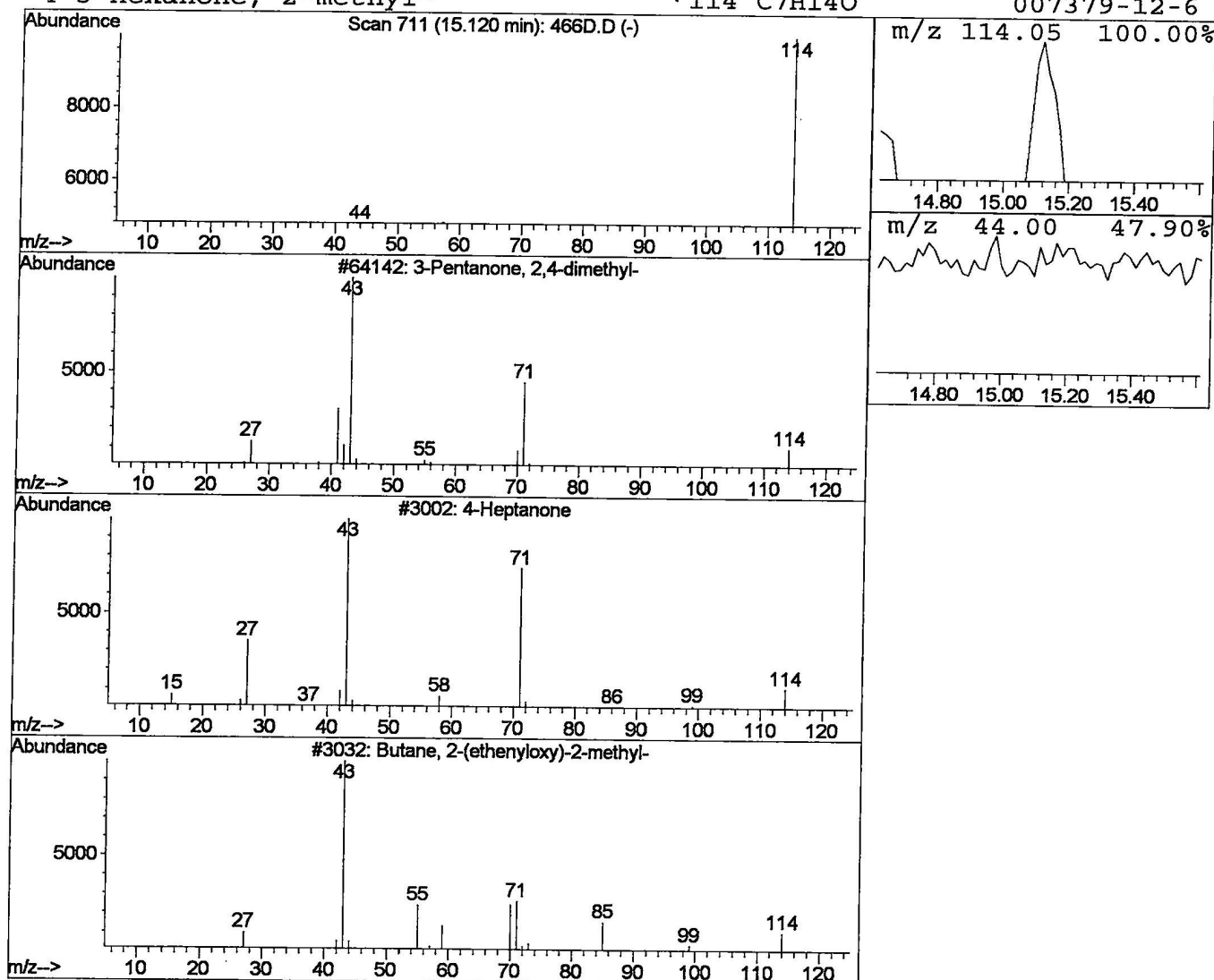
Vial: 2
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.02 ug/L	5260	1,4-DIFLUOROBENZENE	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2			4-Heptanone	114	C7H14O	000123-19-3	3
3			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN08\00466.D
 Acq On : 8 Jan 2002 10:02 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 10 9:17 2002

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

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010402

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	511880	5.00	ug/L	0.03
22) CHLOROBENZENE-D5	21.02	117	499244	5.00	ug/L	0.02
50) 1,4-DICHLOROBENZENE-D4	26.18	152	241155	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	204279	5.49	ug/L	0.02
Spiked Amount 5.000			Recovery	=	109.80%	
3) 4-BROMOFLUOROBENZENE	23.61	174	167790	3.64	ug/L	0.03
Spiked Amount 5.000			Recovery	=	72.80%	
23) TOLUENE-D8	17.74	98	691045	5.45	ug/L	0.03
Spiked Amount 5.000			Recovery	=	109.00%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	1185	0.23	ug/L	Qvalue 62

ccv failed for first 2 gases

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN08\00466.D

Acq On : 8 Jan 2002 10:02 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 10 9:17 2002

Vial: 17

Operator: 206-bh

Inst : GC/MS Ins

Multiplr: 1.00

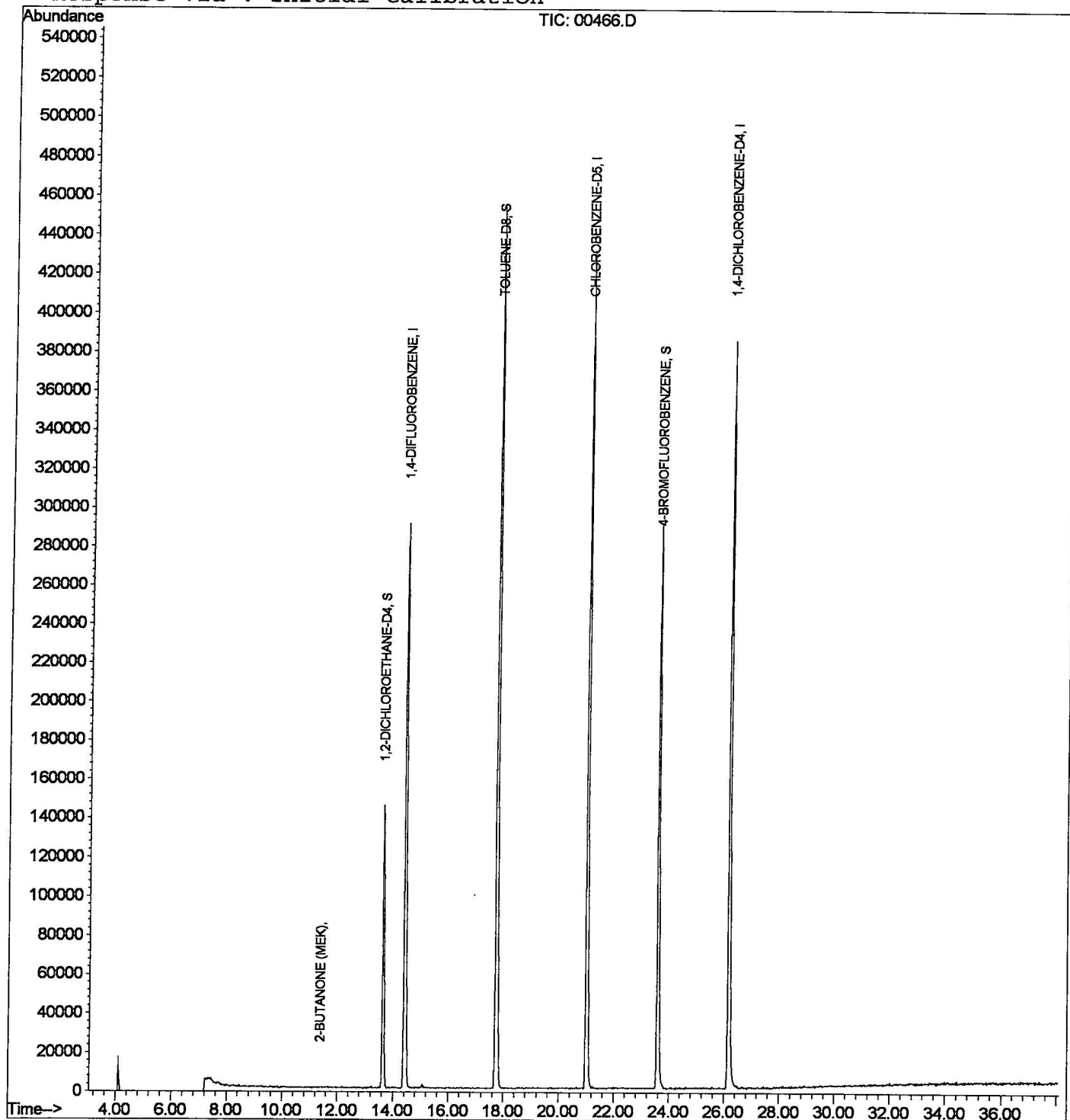
Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 10:17:54 2002

Response via : Initial Calibration



00466.D HP010402.M

Thu Jan 17 16:16:04 2002

Page 2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 14:57:18

Sample: AE00739

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/10/02 00:07 Ended: 1/10/02 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\739.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.6		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY BV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 14:57:18

Sample: AE00739
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/10/02 00:07 Ended: 1/10/02 00:07 Analyst: BH
Result source: m:\instruments\206\rrfiles\739.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\02JAN10\739.D
 Acq On : 10 Jan 2002 7:53 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:32 2002

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

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	457341	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.05	117	454200	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	220207	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	177152	5.33	ug/L	0.05
Spiked Amount 5.000			Recovery	=	106.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	149572	3.64	ug/L	0.05
Spiked Amount 5.000			Recovery	=	72.80%	
23) TOLUENE-D8	17.78	98	602465	5.22	ug/L	0.07
Spiked Amount 5.000			Recovery	=	104.40%	

Target Compounds

Qvalue

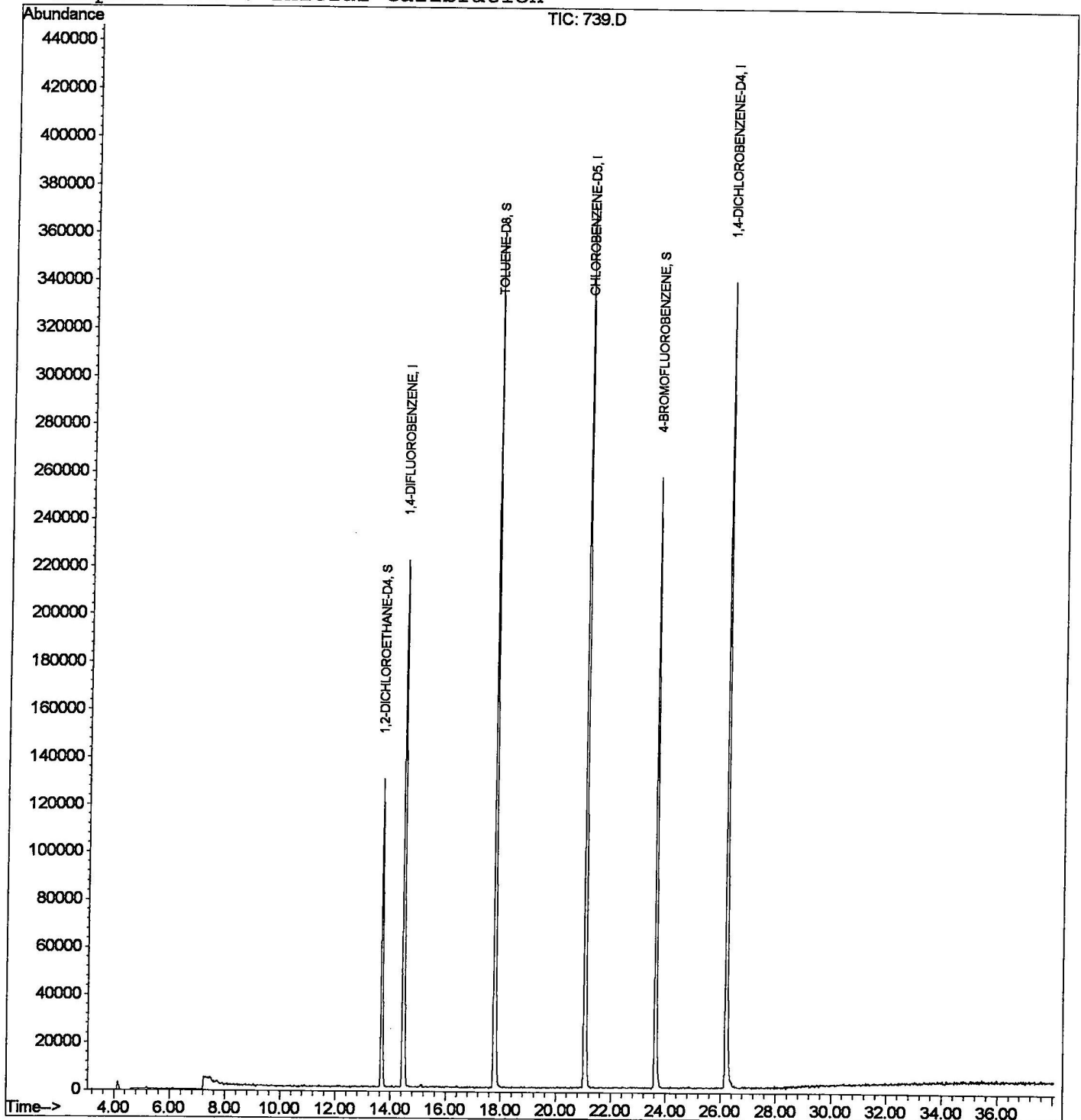
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\739.D
 Acq On : 10 Jan 2002 7:53 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:32 2002

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

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN10\739.D
 Acq On : 10 Jan 2002 7:53 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

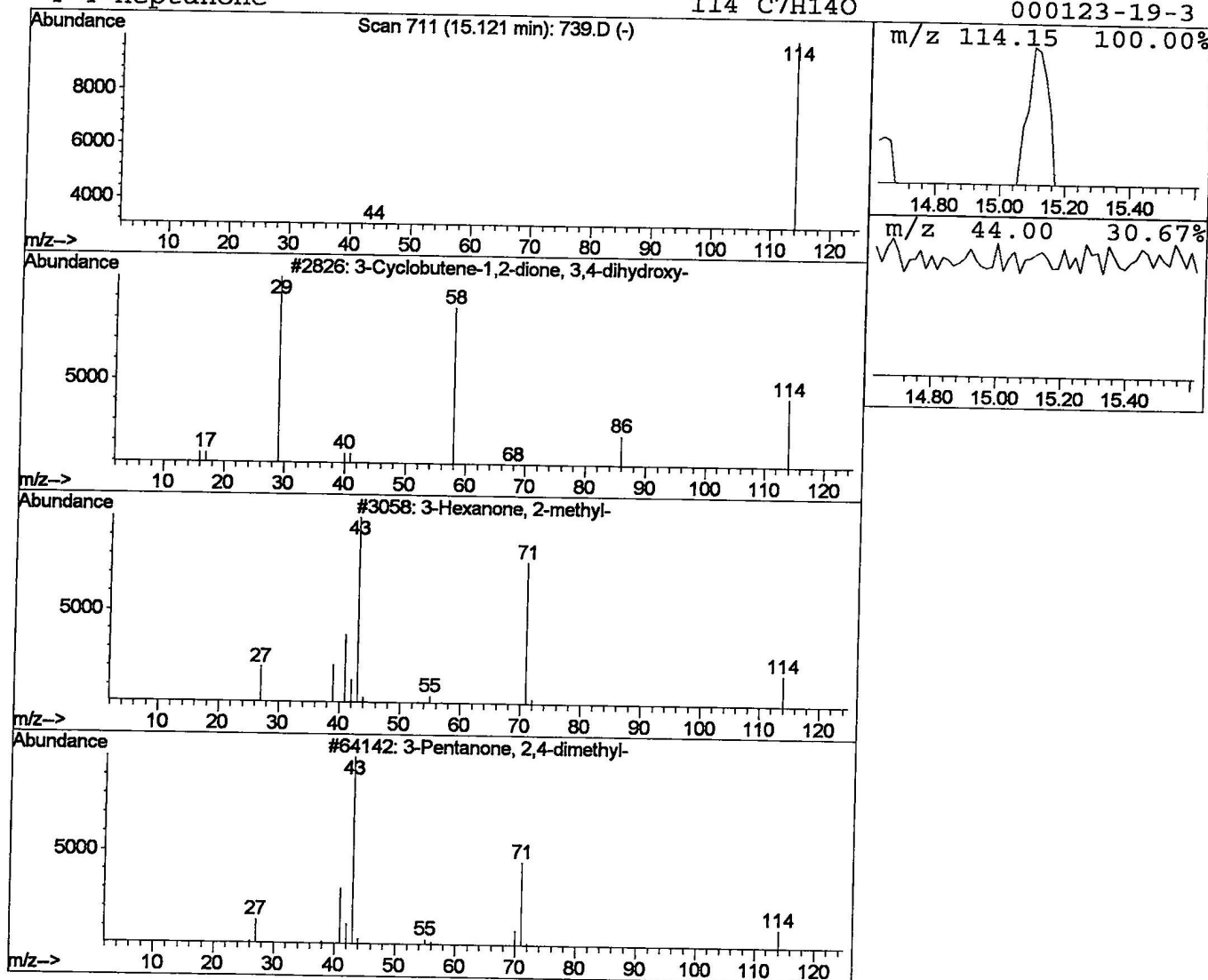
Vial: 5
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.03 ug/L	5822	1,4-DIFLUOROBENZENE	14.46

Hit# of	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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 14:55:56

Sample: AE00739

Analysis: \$P_524 Duplicate calculation for 524

Units: ug

Started: 1/10/02 00:07 Ended: 1/10/02 00:07 Analyst: BH

Result source: calculation

Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.20
2	Surr - 4-BROMOFLUOROBENZ		0.0
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.20
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 14:55:56

Sample: AE00739

Analysis: \$P_524 Duplicate calculation for 524

Units: ug

Started: 1/10/02 00:07 Ended: 1/10/02 00:07 Analyst: BH

Result source: calculation

Page: 2

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

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 14:55:20

Sample: AE00739
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 1/10/02 00:08 Ended: 1/10/02 00:08 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		.5
2	Surr - 4-BROMOFLUOROBENZ		3.6		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-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	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 14:55:20

Sample: AE00739
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 1/10/02 00:08 Ended: 1/10/02 00:08 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\739D.D
 Acq On : 10 Jan 2002 8:37 pm
 Sample : nyc; dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:37 2002

Vial: 6
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	464295	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.05	117	448804	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	221403	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	171542	5.08	ug/L	0.05
Spiked Amount 5.000			Recovery	=	101.60%	✓
3) 4-BROMOFLUOROBENZENE	23.62	174	149929	3.59	ug/L	0.05
Spiked Amount 5.000			Recovery	=	71.80%	✓
23) TOLUENE-D8	17.78	98	611816	5.37	ug/L	0.07
Spiked Amount 5.000			Recovery	=	107.40%	✓
Target Compounds						Qvalue

 (#) = qualifier out of range (m) = manual integration
 739D.D HP010402.M Fri Jan 11 09:37:42 2002

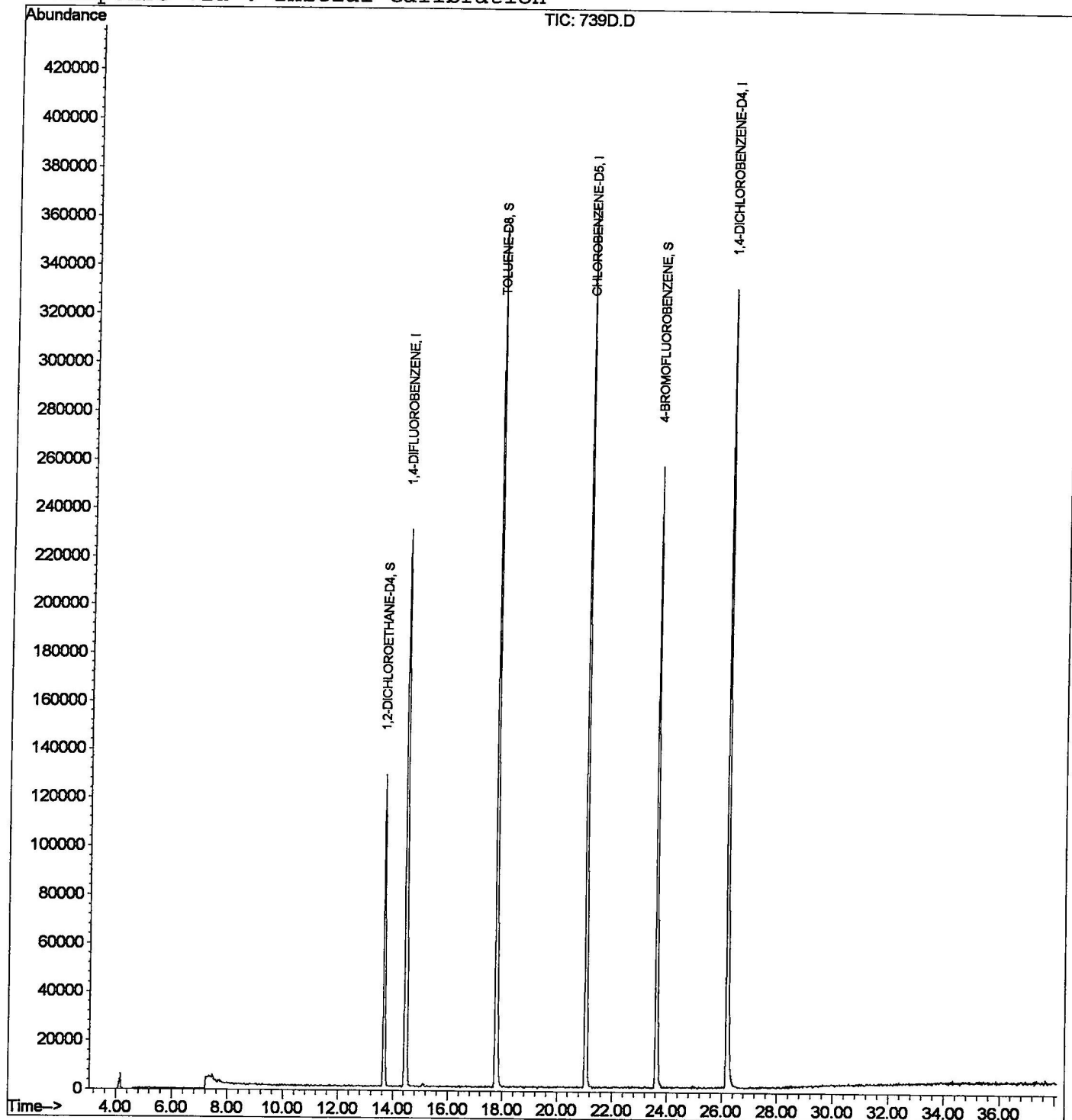
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\739D.D
 Acq On : 10 Jan 2002 8:37 pm
 Sample : nyc; dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:37 2002

Vial: 6
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN10\739D.D
 Acq On : 10 Jan 2002 8:37 pm
 Sample : nyc; dup
 Misc :
 MS Integration Params: LSCINT.P

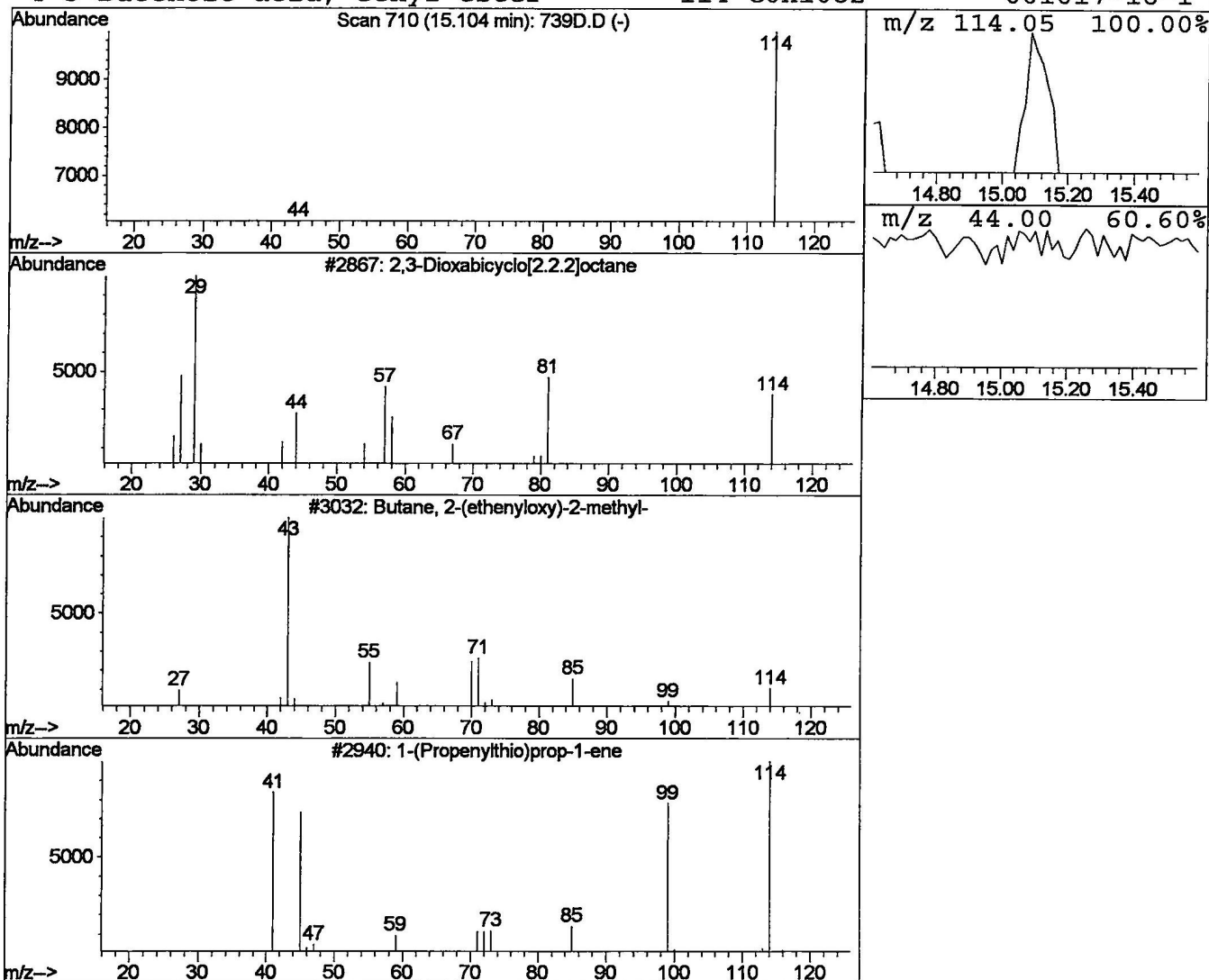
Vial: 6
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 5 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	8365	1,4-DIFLUOROBENZENE	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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: 01/16/2002 Time: 14:58:17

Sample: AE00739
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 1/10/02 00:09 Ended: 1/10/02 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\739f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.3		.5
2	Surr_4-BROMOFLUOROBENZE		3.5		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1-trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 14:58:17

Sample: AE00739
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 1/10/02 00:09 Ended: 1/10/02 00:09 Analyst: BH
Result source: m:\instruments\206\rrfiles\739f.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-trichlorobenzerie		< MDL		.5

Comments for Sample AE00739 - Analysis \$F_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-17-2002 Time: 16:47:27

HEXANE AND ETHYL CYCLOPENTANE WERE FOUND AS TICs IN THE FIELD BLANK FOR SAMPLES AE00737 AE00738 AE00739. THE SAMPLES WERE CLEAN.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN10\739F.D
 Acq On : 10 Jan 2002 9:20 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:41 2002

Vial: 7
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	468952	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.05	117	456682	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	215417	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	180385	5.29	ug/L	0.05
Spiked Amount 5.000			Recovery	=	105.80%	
3) 4-BROMOFLUOROBENZENE	23.62	174	147461	3.50	ug/L	0.05
Spiked Amount 5.000			Recovery	=	70.00%	
23) TOLUENE-D8	17.76	98	602624	5.19	ug/L	0.05
Spiked Amount 5.000			Recovery	=	103.80%	
Target Compounds						
12) METHYLENE CHLORIDE	9.02	49	4929	0.16	ug/L	Qvalue 97

 (#) = qualifier out of range (m) = manual integration
 739F.D HP010402.M Fri Jan 11 09:41:37 2002

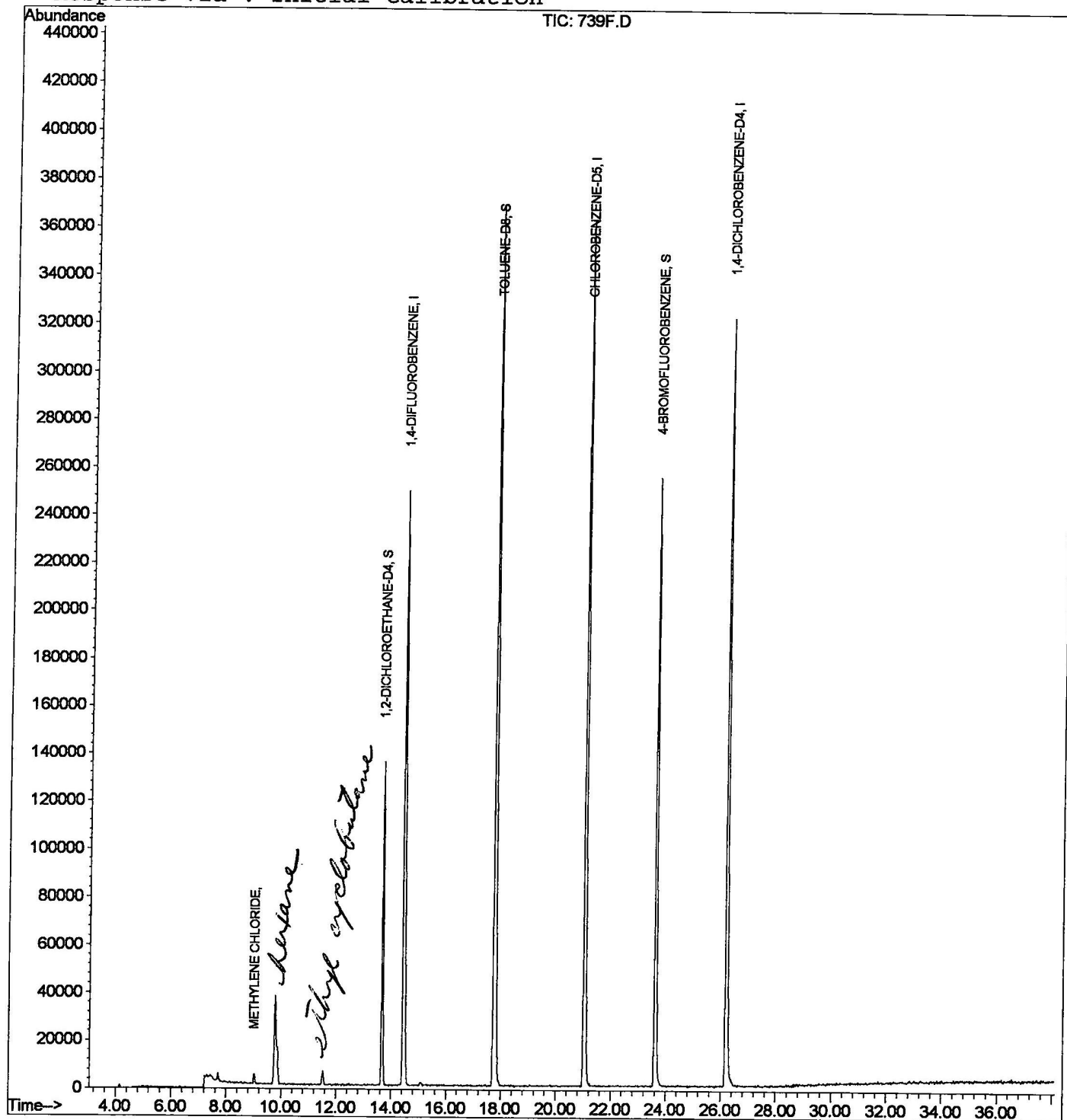
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\739F.D
Acq On : 10 Jan 2002 9:20 pm
Sample : nyc; fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 11 9:41 2002

Vial: 7
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN10\739F.D
 Acq On : 10 Jan 2002 9:20 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

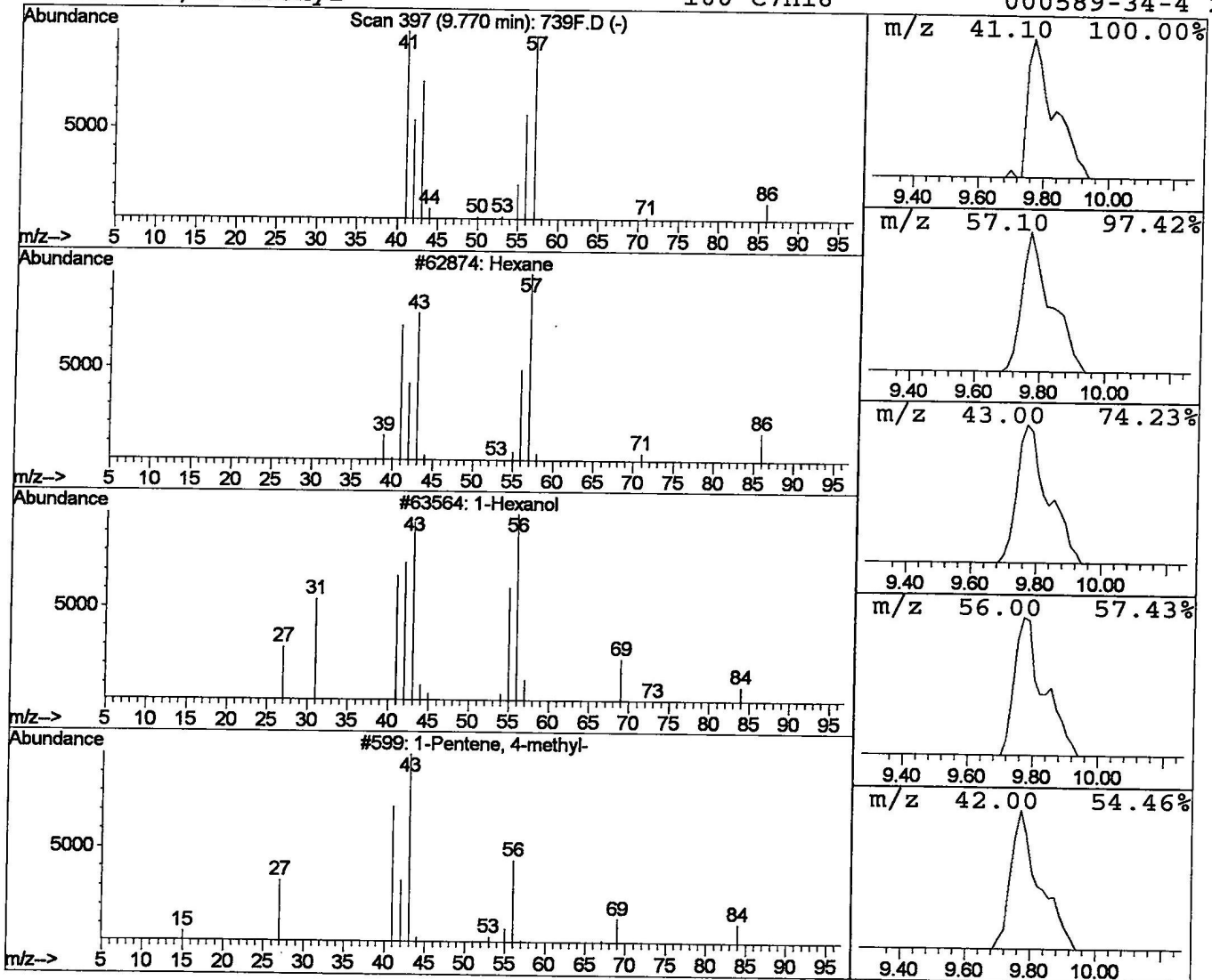
Vial: 7
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	0.74 ug/L	172024	1,4-DIFLUOROBENZENE	14.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane		86	C6H14	000110-54-3	64
2	1-Hexanol		102	C6H14O	000111-27-3	33
3	1-Pentene, 4-methyl-		84	C6H12	000691-37-2	28
4	Hexane, 3-methyl-		100	C7H16	000589-34-4	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN10\739F.D
Acq On : 10 Jan 2002 9:20 pm
Sample : nyc; fb
Misc :
MS Integration Params: LSCINT.P

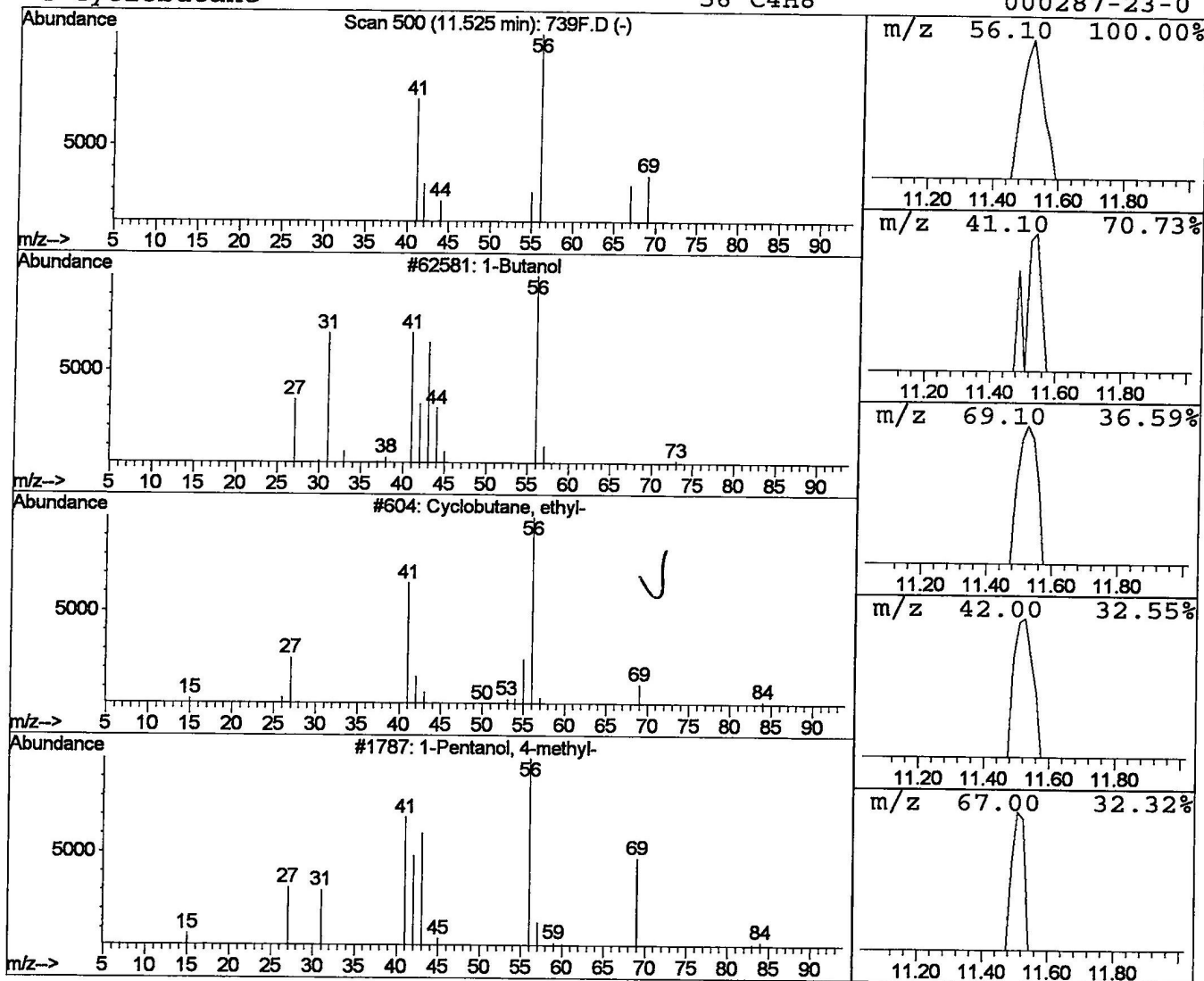
Vial: 7
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 5 1-Butanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	0.10 ug/L	22790	1,4-DIFLUOROBENZENE	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol	74	C4H10O	000071-36-3	9
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	4
3			1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	4
4			Cyclobutane	56	C4H8	000287-23-0	3



Library Search Compound Report

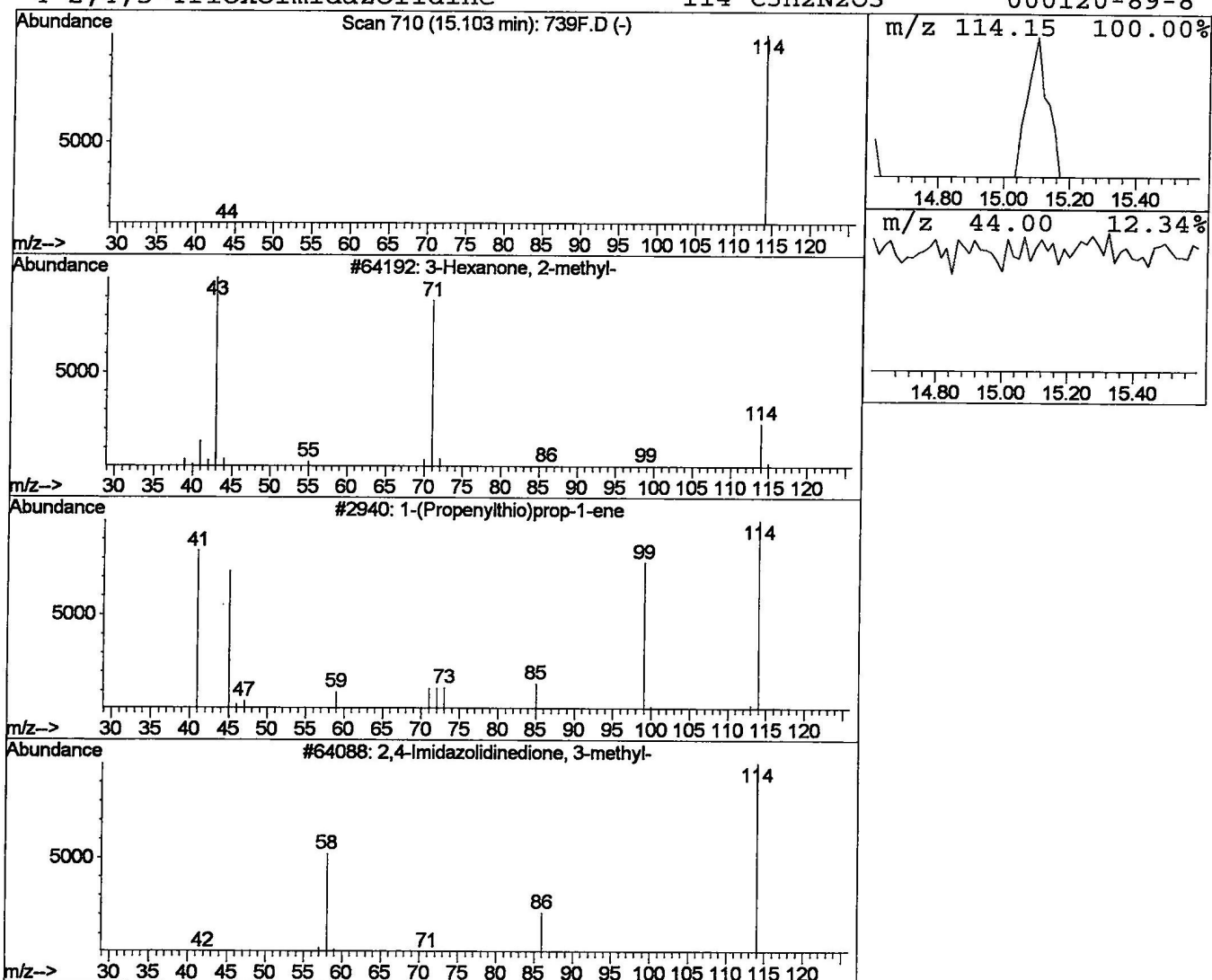
Data File : C:\HPCHEM\1\DATA\02JAN10\739F.D
 Acq On : 10 Jan 2002 9:20 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

Vial: 7
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 6 3-Hexanone, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.10	0.03 ug/L	6692	1,4-DIFLUOROBENZENE		14.44	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3		2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 15:00:03

Sample: AE00830
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/10/02 00:00 Ended: 1/10/02 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\830.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY SV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 15:00:03

Sample: AE00830
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/10/02 00:00 Ended: 1/10/02 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\830.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\02JAN10\830.D
 Acq On : 10 Jan 2002 10:04 pm
 Sample : nyc;
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:44 2002

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

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	439782	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.05	117	418402	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	206589	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	165006	5.16	ug/L	0.05
Spiked Amount	5.000		Recovery	=	103.20%	✓
3) 4-BROMOFLUOROBENZENE	23.62	174	140175	3.54	ug/L	0.05
Spiked Amount	5.000		Recovery	=	70.80%	✓
23) TOLUENE-D8	17.78	98	553147	5.20	ug/L	0.07
Spiked Amount	5.000		Recovery	=	104.00%	✓

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 830.D HP010402.M Fri Jan 11 09:45:16 2002

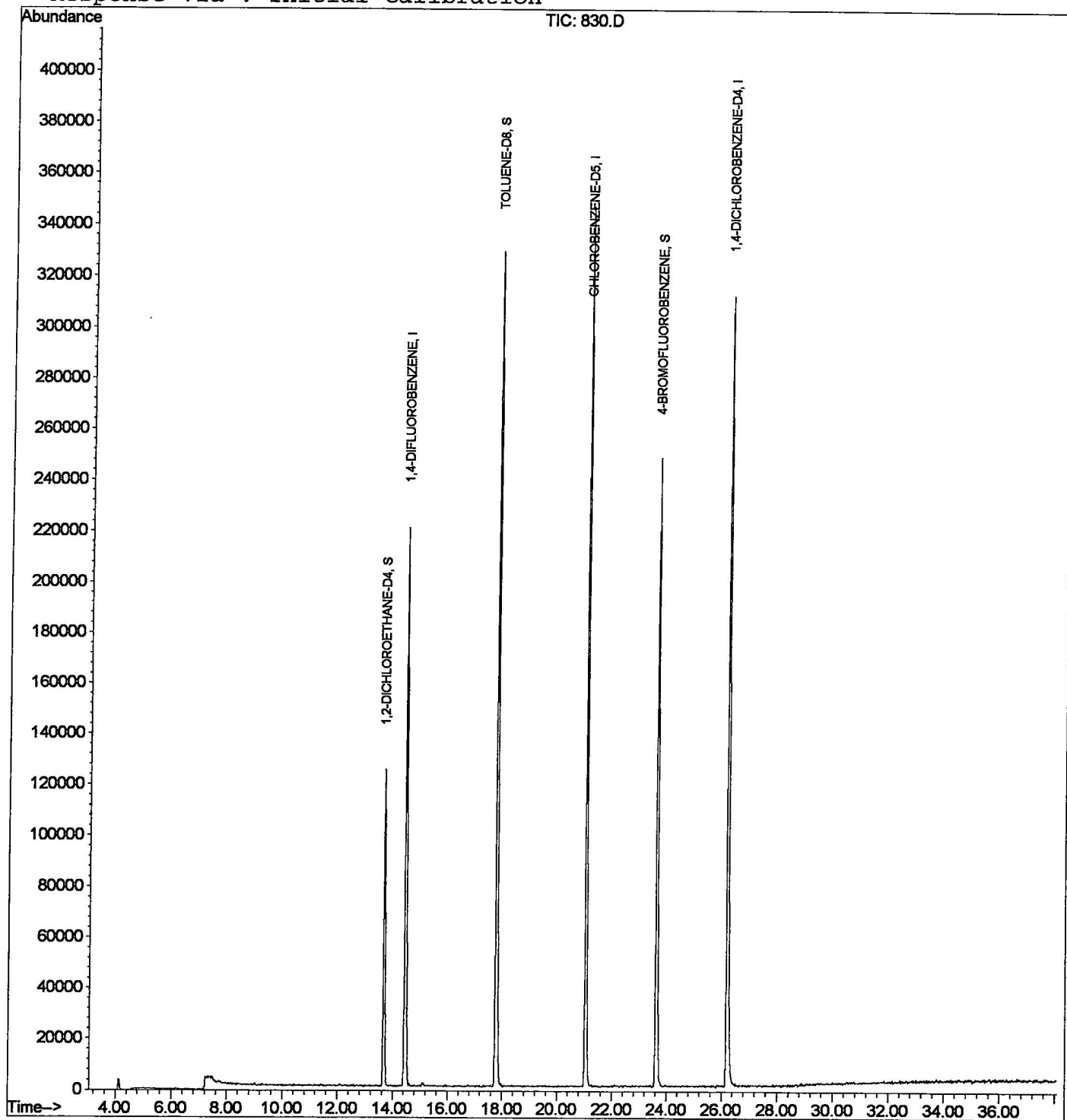
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\830.D
Acq On : 10 Jan 2002 10:04 pm
Sample : nyc;
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 11 9:44 2002

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

Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN10\830.D
 Acq On : 10 Jan 2002 10:04 pm
 Sample : nyc;
 Misc :
 MS Integration Params: LSCINT.P

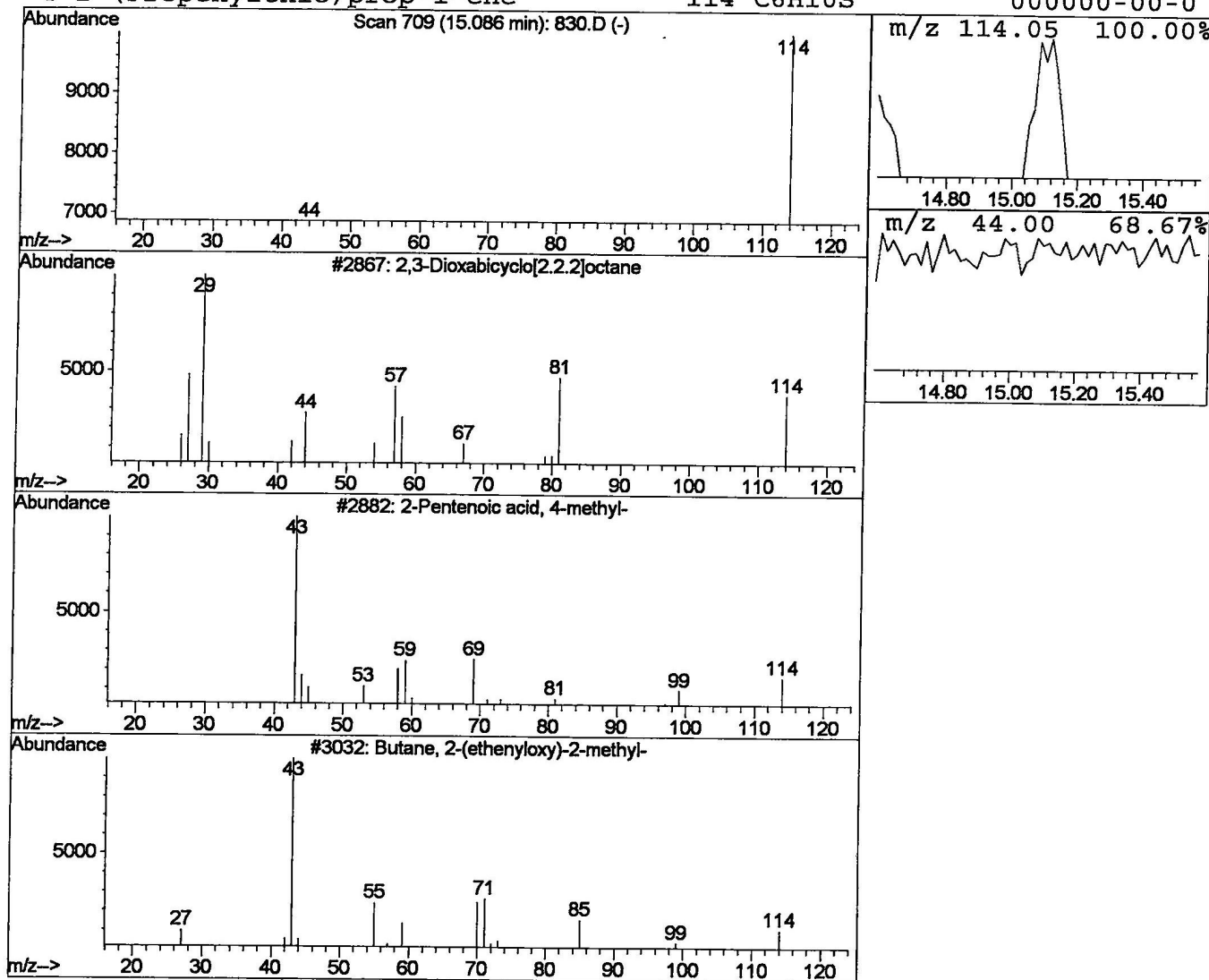
Vial: 8
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.04 ug/L	8031	1,4-DIFLUOROBENZENE	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2		2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	4
3		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 15:01:24

Sample: AE00831

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/10/02 00:00 Ended: 1/10/02 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\831.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		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 SV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 15:01:24

Sample: AE00831

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/10/02 00:00 Ended: 1/10/02 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\831.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\02JAN10\831.D
Acq On : 10 Jan 2002 10:47 pm
Sample : nyc;
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 11 9:47 2002

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

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration
DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	434573	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.05	117	414066	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.19	152	203093	5.00	ug/L	0.03

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	166508	5.27	ug/L	0.05
Spiked Amount	5.000		Recovery	=	105.40%	
3) 4-BROMOFLUOROBENZENE	23.62	174	137343	3.51	ug/L	0.05
Spiked Amount	5.000		Recovery	=	70.20%	
23) TOLUENE-D8	17.76	98	552375	5.25	ug/L	0.05
Spiked Amount	5.000		Recovery	=	105.00%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration
831.D HP010402.M Fri Jan 11 09:47:52 2002

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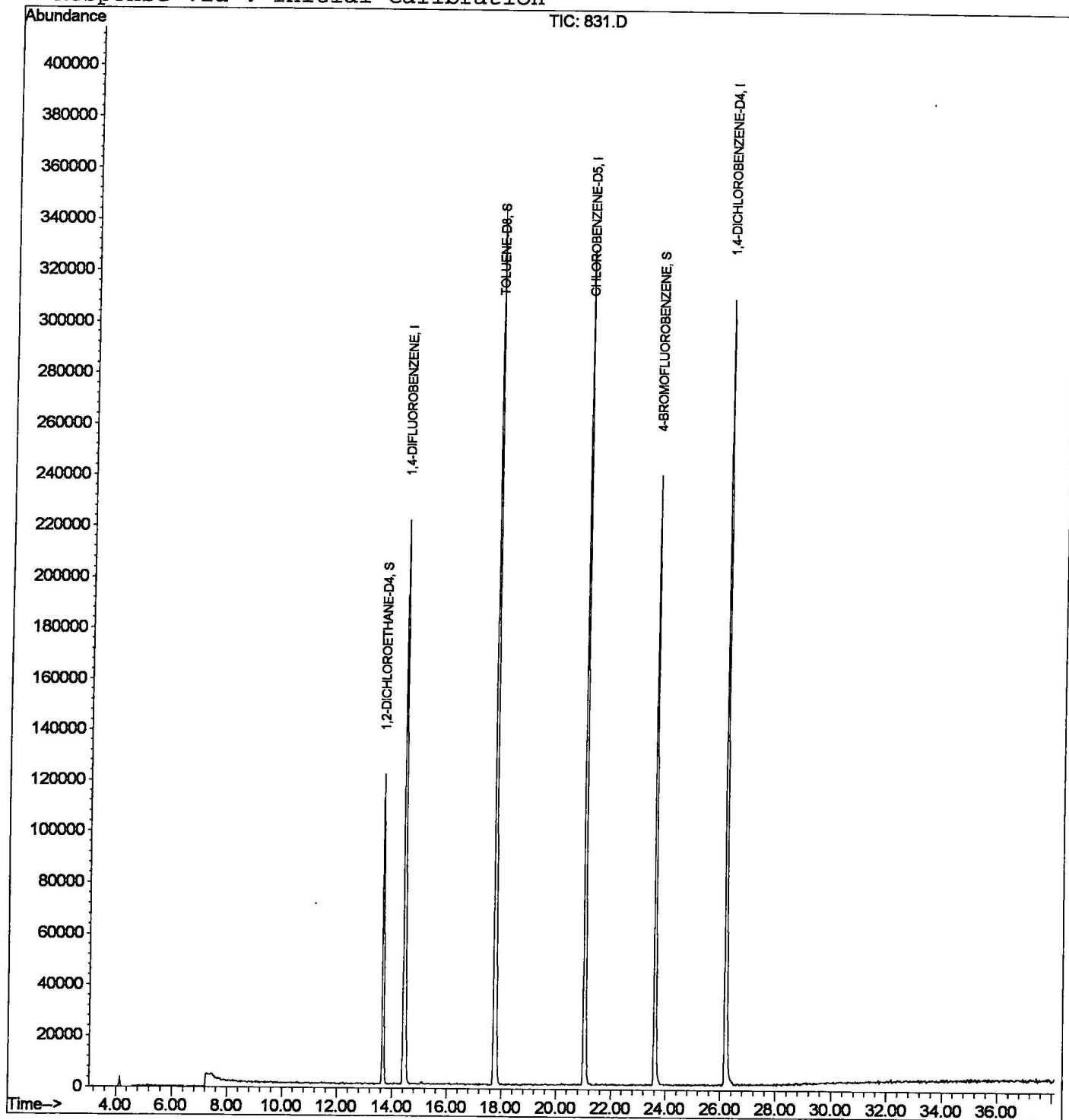
Quantitation Report

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Quant Results File: HP010402.RES

Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 07 10:52:39 2002
Response via : Initial Calibration



831.D HP010402.M

Fri Jan 11 09:47:55 2002

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User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/16/2002 Time: 15:02:47

Sample: AE00832
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/10/02 00:01 Ended: 1/10/02 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\832.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.6		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/17/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/16/2002 Time: 15:02:47

Sample: AE00832
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/10/02 00:01 Ended: 1/10/02 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\832.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

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 Acq On : 10 Jan 2002 11:31 pm
 Sample : nyc;
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 11 9:49 2002

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

Quant Results File: HP010402.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010402.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jan 07 10:52:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	453347	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.05	117	432082	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.21	152	204980	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	170829	5.18	ug/L	0.05
Spiked Amount 5.000			Recovery	=	103.60%	✓
3) 4-BROMOFLUOROBENZENE	23.62	174	144861	3.55	ug/L	0.05
Spiked Amount 5.000			Recovery	=	71.00%	✓
23) TOLUENE-D8	17.76	98	576226	5.25	ug/L	0.05
Spiked Amount 5.000			Recovery	=	105.00%	✓

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 832.D HP010402.M Fri Jan 11 09:49:34 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN10\832.D
Acq On : 10 Jan 2002 11:31 pm
Sample : nyc;
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MS Integration Params: LSCINT.P
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Vial: 10
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Inst : GC/MS Ins
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