

Jim,

all the runs in this batch have methylene chloride + 2-butanone. These are coming from the internal std/surrogate solution and ultimately from the methanol which we are using to make the solution. We have switched from letting the autosampler adding the IS/sura to adding it ourselves manually. The autosampler was adding $\approx 2\mu\text{l}$. We are adding $10\times$ that amount because we made a 1:10 dilution of the spiking solution. We are working on minimizing this contamination. We are also working on minimizing the noise on this instrument - cleaning the MS source etc.

AV 2-1-02

Review
B3

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/31/2002 Time: 17:00:15

Sample: AE01044
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 01/24/02 00:00 Ended: 01/24/02 00:00 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		4.6
2	Surr - 4-BROMOFLUOROBENZE		5.7
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE	USPEC	1.6
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHENE		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		2.2
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		4.5
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHANE		< MDL
42	2-HEXANONE		0.13
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHANE		< MDL

ved by,
 1/11/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 17:00:15

Sample: AE01044
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 01/24/02 00:00 Ended: 01/24/02 00:00 Analyst: BH
Result source: manual entry
Page: 2

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

Data File : C:\HPCHEM\1\DATA\02JAN24\0124B3.D

Vial: 3

Acq On : 24 Jan 2002 10:14 am

Operator: 201-wb

Sample : lab blank man is/surr 35uL

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 24 10:52 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.16	114	962166	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	980161	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.99	152	484459	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	574122	4.60	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	92.00%	
3) 4-BROMOFLUOROBENZENE	24.41	174	373143	5.72	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	114.40%	
25) TOLUENE-D8	18.52	98	1182370	4.53	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	90.60%	
Target Compounds						
5) CHLOROMETHANE	5.69	50	4338	0.09	ug/L	98
6) VINYL CHLORIDE	5.65	62	6600	0.17	ug/L	96
7) BROMOMETHANE	6.71	94	1753	0.06	ug/L	85
9) TRICHLOROFLUOROMETHANE	7.28	101	4578	0.06	ug/L	88
10) Isopropyl Alcohol	7.87	45	4418	4.25	ug/L	85
12) ACETONE	8.31	43	11319	0.91	ug/L	62
14) METHYLENE CHLORIDE	9.67	49	137415	1.55	ug/L	98
18) 2-BUTANONE (MEK)	12.06	43	40328	2.19	ug/L	98
46) 2-HEXANONE	19.29	43	2960	0.13	ug/L	36

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

0124B3.D HP010702.M Mon Jan 28 14:25:46 2002

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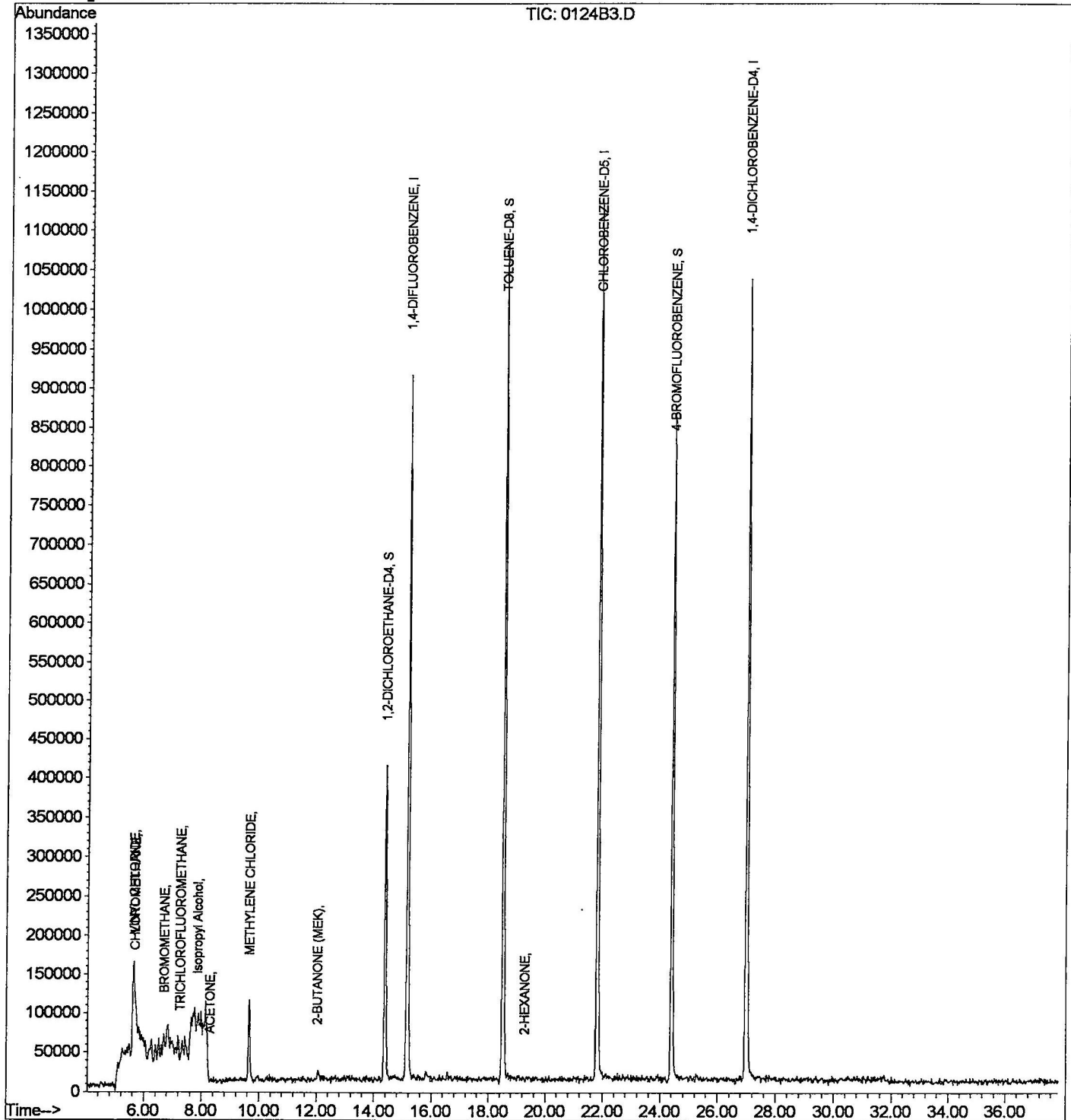
QUANTIFICATION REPORT

Data File : C:\HPCHEM\1\DATA\02JAN24\0124B3.D
Acq On : 24 Jan 2002 10:14 am
Sample : lab blank man is/surr 35uL
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 10:52 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 09:32:49

Sample: AE01044
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 1/24/02 00:01 Ended: 1/24/02 00:01 Analyst: BH
 Result source: a:\0124c10a.rr
 Page: 1

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	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.6		.5
2	Surr_4-BROMOFLUOROBENZE		6.0		.5
3	Dichlorodifluoromethane	USPEC	14		.5
4	Chloromethane		12		.5
5	Vinyl chloride		13		.5
6	Bromomethane	USPEC	13		.5
7	Chloroethane		13		.5
8	Trichlorofluoromethane		13		.5
9	1,1-Dichloroethene		12		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		10		1.0
12	trans-1,2-dichloroethene		12		.5
13	1,1-dichloroethane		12		.5
14	2-butanone (MEK)		13		2.0
15	2,2-dichloropropane		12		.5
16	cis-1,2-dichloroethene		12		.5
17	Chloroform		12		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		4.5		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		11		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		9.8		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		9.5		1.0
30	cis-1,3-dichloropropene		10		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		9.7		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		9.7		.5
36	Dibromochloromethane		9.8		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		22		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		9.4		.5
44	Bromoform		8.8		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		9.5		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		9.6		.5

1 fail high

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 09:32:49

Sample: AE01044
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/24/02 00:01 Ended: 1/24/02 00:01 Analyst: BH
Result source: a:\0124c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		11		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		9.7		.5
60	1,2,4-trichlorobenzene		9.6		.5
61	Hexachlobutadiene		9.9		.5
62	Naphthalene		8.7		.5
63	1,2,3-trichlorobenzene		9.0		.5
64	Nitrobenzene		140		5.0

Data File : C:\HPCHEM\1\DATA\02jan24\0124C10A.D

Vial: 5

Acq On : 24 Jan 2002 11:51 am

Operator: 201-wb

Sample : cal 10; man is/surr 32uL

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 24 12:30 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	925191	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	939845	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	493660	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	554703	4.62	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	92.40%	
3) 4-BROMOFLUOROBENZENE	24.41	174	378145	6.03	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	120.60%	
25) TOLUENE-D8	18.52	98	1132452	4.52	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	90.40%	
Target Compounds						
4) DICHLORODIFLUOROMETHANE	4.90	85	554217	13.67	ug/L	99
5) CHLOROMETHANE	5.52	50	529195	11.75	ug/L	96
6) VINYL CHLORIDE	5.62	62	480059	12.91	ug/L	98
7) BROMOMETHANE	6.65	94	384345	13.07	ug/L	95
8) CHLOROETHANE	6.78	64	327816	12.58	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.33	101	943925	12.86	ug/L	95
10) Isopropyl Alcohol	7.94	45	905428	905.15	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.22	101	561017	11.55	ug/L	96
12) ACETONE	8.31	43	129696	10.81	ug/L	96
13) 1,1-DICHLOROETHENE	8.67	61	867767	11.80	ug/L	99
14) METHYLENE CHLORIDE	9.67	49	1024782	12.03	ug/L	99
15) METHYL TERT BUTYL ETHER	9.98	73	513541	10.33	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.33	61	884855	12.15	ug/L	97
17) 1,1-DICHLOROETHANE	11.23	63	976518	12.21	ug/L	98
18) 2-BUTANONE (MEK)	12.05	43	203746	13.02	ug/L	99
19) 2,2-DICHLOROPROPANE	12.44	77	677718	12.11	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.54	96	498307	12.28	ug/L	94
21) CHLOROFORM	12.87	83	1095558	11.98	ug/L	100
22) BROMOCHLOROMETHANE	13.26	49	521012	11.29	ug/L	96
23) 1,2-DICHLOROETHANE	14.60	62	855677	11.27	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.78	97	894205	10.44	ug/L	97
27) 1,1-DICHLOROPROPENE	14.09	75	748077	11.26	ug/L	99
28) CARBON TETRACHLORIDE	14.35	117	909167	10.55	ug/L	99
29) BENZENE	14.70	78	1860245	10.80	ug/L	98
30) TRICHLOROETHENE	15.97	95	559716	10.59	ug/L	96
31) 1,2-DICHLOROPROPANE	16.32	63	498944	10.09	ug/L	99
32) DIBROMOMETHANE	17.00	174	215156	9.84	ug/L	96
33) BROMODICHLOROMETHANE	16.84	83	736323	10.07	ug/L	99

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

0124C10A.D HP010702.M

Thu Jan 24 12:30:13 2002

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Data File : C:\HPCHEM\1\DATA\02jan24\0124C10A.D

Vial: 5

Acq On : 24 Jan 2002 11:51 am

Operator: 201-wb

Sample : cal 10; man is/surr 32uL

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 24 12:30 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.33	63	154144	9.91	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.40	58	90560	9.52	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.94	75	587168	10.40	ug/L	99
37) TOLUENE	18.69	91	1759630	10.62	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.97	75	428655	9.96	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.35	97	279142	9.70	ug/L	98
40) TETRACHLOROETHENE	20.14	166	484984	10.87	ug/L	96
41) 1,3-DICHLOROPROPANE	19.89	76	541967	9.73	ug/L	99
42) DIBROMOCHLOROMETHANE	20.59	129	384098	9.79	ug/L	98
43) 1,2-DIBROMOETHANE	21.03	107	281399	9.76	ug/L	99
44) CHLOROBENZENE	21.92	112	1165144	10.46	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.95	131	428423	10.22	ug/L	98
46) 2-HEXANONE	19.25	43	169076	8.01	ug/L	95
47) ETHYLBENZENE	21.95	91	2198810	10.61	ug/L	100
48) P & M-XYLENE	22.11	106	1501751	21.83	ug/L	95
49) O-XYLENE	23.08	91	1752530	11.12	ug/L	98
50) STYRENE	23.14	104	1102210	10.98	ug/L	96
51) 1,1,2,2-TETRACHLOROETHANE	24.16	83	294376	9.37	ug/L	94
53) BROMOFORM	24.01	173	168531	8.80	ug/L	97
54) ISOPROPYLBENZENE	23.81	105	1834736	10.81	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.49	110	101064	9.48	ug/L	100
56) N-PROPYLBENZENE	24.67	91	2536410	10.70	ug/L	99
57) BROMOBENZENE	24.93	156	433986	9.64	ug/L	94
58) 1,3,5-TRIMETHYLBENZENE	24.98	105	1719826	10.74	ug/L	100
59) 2-CHLOROTOLUENE	25.16	91	1651406	9.96	ug/L	98
60) 4-CHLOROTOLUENE	25.23	91	1629067	10.69	ug/L	99
61) TERT-BUTYLBENZENE	25.78	119	1498243	10.93	ug/L	97
62) 1,2,4-TRIMETHYLBENZENE	25.87	105	1770650	10.73	ug/L	99
63) SEC-BUTYLBENZENE	26.24	105	1990295	10.88	ug/L	97
64) P-ISOPROPYLTOLUENE	26.50	119	1514212	10.95	ug/L	96
65) 1,3-DICHLOROBENZENE	26.86	146	798148	10.04	ug/L	99
66) 1,4-DICHLOROBENZENE	27.07	146	824013	10.09	ug/L	97
67) N-BUTYLBENZENE	27.39	91	1698776	10.73	ug/L	98
68) 1,2-DICHLOROBENZENE	27.93	146	681598	9.73	ug/L	97
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.72	157	27789	8.05	ug/L	94
70) 1,2,4-TRICHLOROBENZENE	32.02	180	407098	9.59	ug/L	97
71) HEXACHLOROBTADIENE	32.34	225	298116	9.93	ug/L	98
72) NAPHTHALENE	32.88	128	487819	8.72	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.59	180	330122	9.04	ug/L	96
74) NITROBENZENE	29.95	77	168044	141.10	ug/L	95

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

0124C10A.D HP010702.M

Thu Jan 24 12:30:16 2002

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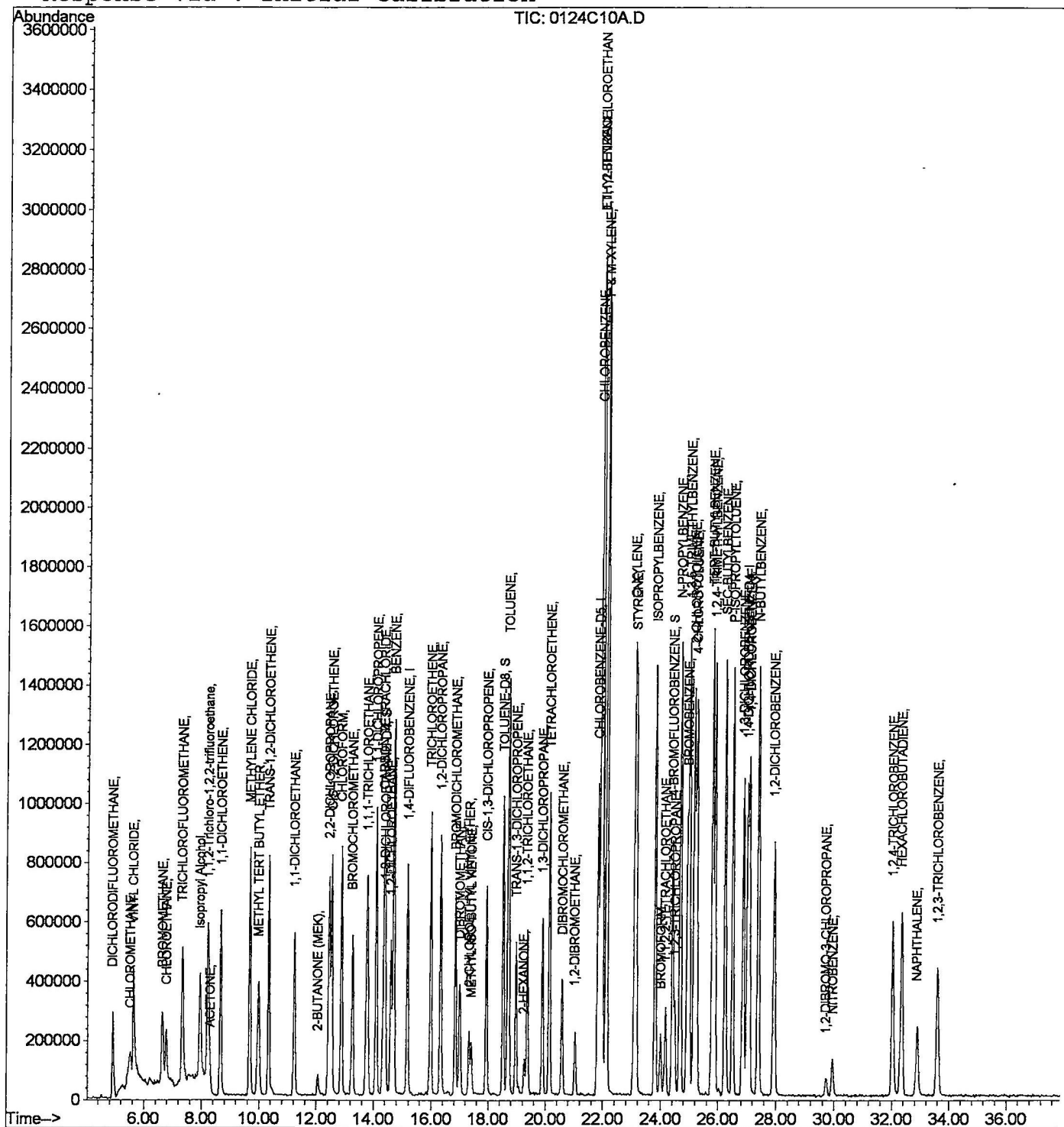
QUANTITATION REPORT

Data File : C:\HPCHEM\1\DATA\02jan24\0124C10A.D
 Acq On : 24 Jan 2002 11:51 am
 Sample : cal 10; man is/surr 32uL
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 24 12:30 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 09:33:42

Sample: AE01044
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 1/24/02 00:02 Ended: 1/24/02 00:02 Analyst: BH
 Result source: a:\0124r40.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.8		
2	4-BROMOFLUOROBENZENE		6.3		
3	DICHLORODIFLUOROMETHAN		48		.5
4	CHLOROMETHANE		42		.5
5	VINYL CHLORIDE		43		.5
6	BROMOMETHANE		47		.5
7	CHLOROETHANE		43		.5
8	TRICHLOROFLUOROMETHAN		45		.5
9	ACETONE		27		.5
10	1,1-DICHLOROETHENE		39		.5
11	METHYLENE CHLORIDE		37		.5
12	METHYL TERT BUTYL ETHER		39		1
13	TRANS-1,2-DICHLOROETHEN		43		.5
14	1,1-DICHLOROETHANE		43		.5
15	2-BUTANONE (MEK)		36		.5
16	2,2-DICHLOROPROPANE		46		.5
17	CIS-1,2-DICHLOROETHENE		44		.5
18	CHLOROFORM		43		.5
19	BROMOCHLOROMETHANE		41		.5
20	1,2-DICHLOROETHANE		41		.5
21	TOLUENE-D8		4.4		
22	1,1,1-TRICHLOROETHANE		37		.5
23	1,1-DICHLOROPROPENE		41		.5
24	CARBON TETRACHLORIDE		36		.5
25	BENZENE		37		.5
26	TRICHLOROETHENE		39		.5
27	1,2-DICHLOROPROPANE		36		.5
28	DIBROMOMETHANE		35		.5
29	BROMODICHLOROMETHANE		38		.5
30	2-CHLOROETHYL VINYL ETHE		39		.5
31	METHYL ISO-BUTYL KETONE		30		1
32	CIS-1,3-DICHLOROPROPENE		42		.5
33	TOLUENE		37		.5
34	TRANS-1,3-DICHLOROPROPE		45		.5
35	1,1,2-TRICHLOROETHANE		35		.5
36	TETRACHLOROETHENE		38		.5
37	1,3-DICHLOROPROPANE		36		.5
38	DIBROMOCHLOROMETHANE		39		2
39	1,2-DIBROMOETHANE		37		.5
40	CHLOROBENZENE		35		.5
41	1,1,1,2-TETRACHLOROETHA		38		.5
42	2-HEXANONE		30		.5
43	ETHYLBENZENE		38		.5
44	P & M-XYLENE		76		.5
45	O-XYLENE		40		.5
46	STYRENE		40		.5
47	1,1,2,2-TETRACHLOROETHA		33		.5
48	BROMOFORM		37		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 09:33:42

Sample: AE01044
Analysis: \$RE524 Reference recovery for 524
Units: ug
Started: 1/24/02 00:02 Ended: 1/24/02 00:02 Analyst: BH
Result source: a:\0124r40.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		41		.5
50	1,2,3-TRICHLOROPROPANE		32		.5
51	N-PROPYLBENZENE		38		.5
52	BROMOBENZENE		36		.5
53	1,3,5-TRIMETHYLBENZENE		39		.5
54	2-CHLOROTOLUENE		36		.5
55	4-CHLOROTOLUENE		37		.5
56	TERT-BUTYLBENZENE		39		.5
57	1,2,4-TRIMETHYLBENZENE		38		.5
58	SEC-BUTYLBENZENE		39		.5
59	P-ISOPROPYLTOLUENE		41		.5
60	1,3-DICHLOROBENZENE		36		.5
61	1,4-DICHLOROBENZENE		36		.5
62	N-BUTYLBENZENE		39		.5
63	1,2-DICHLOROBENZENE		35		.5
64	1,2-DIBROMO-3-CHLOROPRO		36		.5
65	1,2,4-TRICHLOROBENZENE		39		.5
66	HEXACHLOROBUTADIENE		37		.5
67	NAPHTHALENE		36		.5
68	1,2,3-TRICHLOROBENZENE		36		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		700		5.0

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/31/2002 Time: 17:03:29

Sample: AE01044

Analysis: SQ_524 Volatile Organic Compounds-Reference Rec

Units: ug

Started: 01/29/02 09:34 Ended: 01/29/02 09:34 Analyst: BH

Result source: manual entry

Page: 1

70-130

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.8 ✓	.5
2	Surr - 4-BROMOFLUOROBENZE		6.3 ✓	.5
3	Dichlorodifluoromethane		120	.5
4	Chloromethane		105	.5
5	Vinyl chloride		107.5	.5
6	Bromomethane		117.5	.5
7	Chloroethane		107.5	.5
8	Trichlorofluoromethane		112.5	.5
9	1,1-Dichloroethene		97.5	.5
10	Methylene Chloride		92.5	.5
11	Methyl tert butyl ether		97.5	1.0
12	trans-1,2-dichloroethene		107.5	.5
13	1,1-dichloroethane		107.5	.5
14	2-butanone (MEK)		90	2.0
15	2,2-dichloropropane		115	.5
16	cis-1,2-dichloroethene		110	.5
17	Chloroform		107.5	.5
18	Bromochloromethane		102.5	.5
19	1,2-dichloroethane		102.5	.5
20	Surr - TOLUENE-D8		4.4 ✓	.5
21	1,1,1-trichloroethane		92.5	.5
22	1,1-dichloropropene		102.5	.5
23	Carbon tetrachloride		90	.5
24	Benzene		92.5	.5
25	Trichloroethene		97.5	.5
26	1,2-dichloropropane		90	.5
27	Dibromomethane		87.5	.5
28	Bromodichloromethane		95	.5
29	Methyl iso-butyl ketone		75	1.0
30	cis-1,3-dichloropropene		105	.5
31	Toluene		92.5	.5
32	trans-1,3-dichloropropene		112.5	.5
33	1,1,2-trichloroethane		87.5	.5
34	Tetrachloroethene		95	.5
35	1,3-dichloropropane		90	.5
36	Dibromochloromethane		97.5	2.0
37	Chlorobenzene		87.5	.5
38	1,1,1,2-tetrachloroethane		95	.5
39	Ethylbenzene		95	.5
40	P & M-xylene		95	.5
41	O-xylene		100	.5
42	Styrene		100	.5
43	1,1,2,2-tetrachloroethane		82.5	.5
44	Bromoform		92.5	2.0
45	Isopropylbenzene		102.5	.5
46	1,2,3-trichloropropane		80	.5
47	N-propylbenzene		95	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 17:03:29

Sample: AE01044
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 01/29/02 09:34 Ended: 01/29/02 09:34 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		90	.5
49	1,3,5-trimethylbenzene		97.5	.5
50	2-chlorotoluene		90	.5
51	4-chlorotoluene		92.5	.5
52	TERT-butylbenzene		97.5	.5
53	1,2,4-trimethylbenzene		95	.5
54	SEC-butylbenzene		97.5	.5
55	P-isopropyltoluene		102.5	.5
56	1,3-dichlorobenzene		90	.5
57	1,4-dichlorobenzene		90	.5
58	N-butylbenzene		97.5	.5
59	1,2-dichlorobenzene		87.5	.5
60	1,2,4-trichlorobenzene		97.5	.5
61	Hexachlorobutadiene		92.5	.5
62	Naphthalene		90	.5
63	1,2,3-trichlorobenzene		90	.5
64	Ethanol		< MDL	
65	Nitrobenzene		88	5.0

Data File : C:\HPCHEM\1\DATA\02JAN24\0124R40.D

Vial: 6

Acq On : 24 Jan 2002 12:34 pm

Operator: 201-wb

Sample : ref 40; man is/surr 32uL

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 24 14:29 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 24 14:29:38 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	935771	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	1008473	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.02	152	509807	5.00	ug/L	0.00

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.42	65	581731	4.79	ug/L	0.00
Spiked Amount	5.000		Recovery	=	95.80%	
3) 4-BROMOFLUOROBENZENE	24.43	174	399224	6.30	ug/L	0.00
Spiked Amount	5.000		Recovery	=	126.00%	
25) TOLUENE-D8	18.54	98	1173457	4.37	ug/L	0.00
Spiked Amount	5.000		Recovery	=	87.40%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.90	85	1965191	47.92	ug/L	98
5) CHLOROMETHANE	5.52	50	1915608	42.05	ug/L	96
6) VINYL CHLORIDE	5.62	62	1601821	42.58	ug/L	98
7) BROMOMETHANE	6.65	94	1405295	47.24	ug/L	96
8) CHLOROETHANE	6.78	64	1127151	42.78	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.35	101	3326791	44.80	ug/L	98
10) Isopropyl Alcohol	7.70	45	9606	9.49	ug/L	75
11) 1,1,2-Trichloro-1,2,2-trif	8.22	101	5723	0.12	ug/L	74
12) ACETONE	8.32	43	321568	33.63	ug/L	94
13) 1,1-DICHLOROETHENE	8.67	61	2898959	38.98	ug/L	100
14) METHYLENE CHLORIDE	9.68	49	3222846	37.42	ug/L	99
15) METHYL TERT BUTYL ETHER	9.98	73	1972956	39.23	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.35	61	3137707	42.61	ug/L	98
17) 1,1-DICHLOROETHANE	11.25	63	3488341	43.13	ug/L	98
18) 2-BUTANONE (MEK)	12.07	43	566677	36.43	ug/L	100
19) 2,2-DICHLOROPROPANE	12.47	77	2608488	46.08	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.56	96	1821711	44.37	ug/L	95
21) CHLOROFORM	12.89	83	3981948	43.07	ug/L	98
22) BROMOCHLOROMETHANE	13.27	49	1906508	40.85	ug/L	100
23) 1,2-DICHLOROETHANE	14.62	62	3164321	41.20	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.78	97	3417186	37.16	ug/L	99
27) 1,1-DICHLOROPROPENE	14.11	75	2893544	40.61	ug/L	99
28) CARBON TETRACHLORIDE	14.37	117	3332905	36.06	ug/L	97
29) BENZENE	14.72	78	6805776	36.82	ug/L	100
30) TRICHLOROETHENE	15.99	95	2192592	38.68	ug/L	96
31) 1,2-DICHLOROPROPANE	16.34	63	1928312	36.33	ug/L	98
32) DIBROMOMETHANE	17.02	174	825271	35.17	ug/L	96
33) BROMODICHLOROMETHANE	16.86	83	2969118	37.83	ug/L	95

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

0124R40.D HP010702.M

Thu Jan 24 14:30:03 2002

Page 1

Data File : C:\HPCHEM\1\DATA\02JAN24\0124R40.D

Vial: 6

Acq On : 24 Jan 2002 12:34 pm

Operator: 201-wb

Sample : ref 40; man is/surr 32uL

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 24 14:29 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 24 14:29:38 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.33	63	649126	38.89	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.42	58	310201	30.40	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.96	75	2547324	42.06	ug/L	99
37) TOLUENE	18.71	91	6646729	37.39	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.99	75	2078868	45.01	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.37	97	1065990	34.53	ug/L	98
40) TETRACHLOROETHENE	20.16	166	1803569	37.68	ug/L	98
41) 1,3-DICHLOROPROPANE	19.91	76	2135457	35.73	ug/L	100
42) DIBROMOCHLOROMETHANE	20.59	129	1627600	38.66	ug/L	98
43) 1,2-DIBROMOETHANE	21.04	107	1150056	37.18	ug/L	100
44) CHLOROBENZENE	21.93	112	4203766	35.16	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.97	131	1705103	37.90	ug/L	97
46) 2-HEXANONE	19.27	43	673700	29.74	ug/L	98
47) ETHYLBENZENE	21.97	91	8355688	37.58	ug/L	99
48) P & M-XYLENE	22.13	106	5607348	75.96	ug/L	100
49) O-XYLENE	23.10	91	6778038	40.09	ug/L	99
50) STYRENE	23.15	104	4322199	40.11	ug/L	97
51) 1,1,2,2-TETRACHLOROETHANE	24.18	83	1127336	33.43	ug/L	98
53) BROMOFORM	24.02	173	737660	37.29	ug/L	98
54) ISOPROPYLBENZENE	23.82	105	7112004	40.57	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.51	110	352919	32.04	ug/L	99
56) N-PROPYLBENZENE	24.69	91	9212923	37.64	ug/L	100
57) BROMOBENZENE	24.93	156	1696017	36.49	ug/L	99
58) 1,3,5-TRIMETHYLBENZENE	25.00	105	6391605	38.65	ug/L	99
59) 2-CHLOROTOLUENE	25.17	91	6177618	36.07	ug/L	98
60) 4-CHLOROTOLUENE	25.24	91	5836936	37.08	ug/L	100
61) TERT-BUTYLBENZENE	25.80	119	5559317	39.26	ug/L	99
62) 1,2,4-TRIMETHYLBENZENE	25.89	105	6401539	37.58	ug/L	100
63) SEC-BUTYLBENZENE	26.25	105	7409413	39.22	ug/L	97
64) P-ISOPROPYLTOLUENE	26.52	119	5839521	40.90	ug/L	96
65) 1,3-DICHLOROBENZENE	26.88	146	2976203	36.24	ug/L	98
66) 1,4-DICHLOROBENZENE	27.09	146	2994977	35.53	ug/L	98
67) N-BUTYLBENZENE	27.40	91	6356956	38.87	ug/L	99
68) 1,2-DICHLOROBENZENE	27.94	146	2537004	35.08	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.74	157	126973	35.63	ug/L	92
70) 1,2,4-TRICHLOROBENZENE	32.06	180	1709934	38.99	ug/L	97
71) HEXACHLOROBTADIENE	32.35	225	1154186	37.22	ug/L	97
72) NAPHTHALENE	32.89	128	2084969	36.08	ug/L	100
73) 1,2,3-TRICHLOROBENZENE	33.61	180	1359710	36.06	ug/L	94
74) NITROBENZENE	29.97	77	863059	701.70	ug/L	96

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

0124R40.D HP010702.M

Thu Jan 24 14:30:06 2002

Page 2

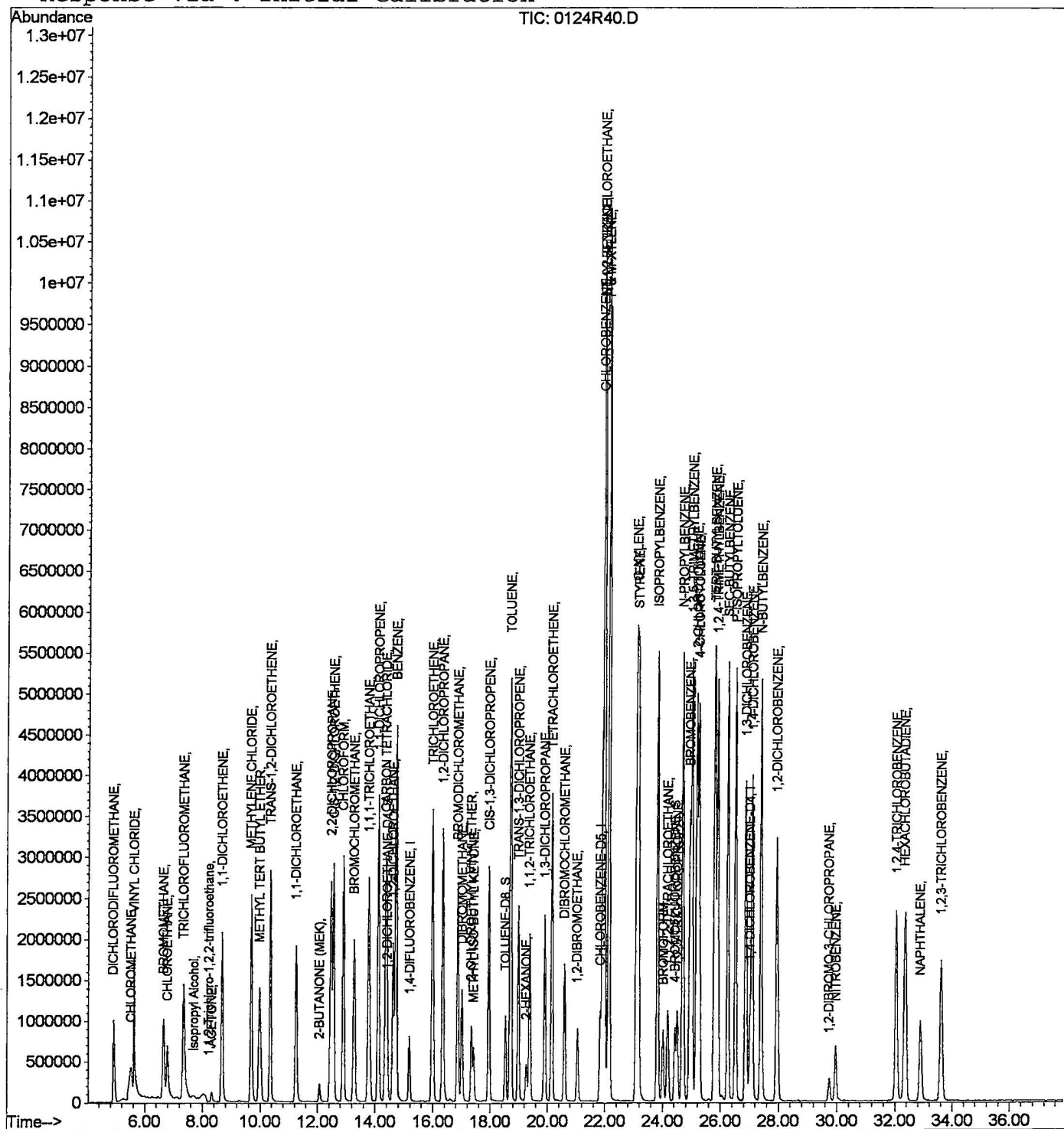
quantitation report

Data File : C:\HPCHEM\1\DATA\02JAN24\0124R40.D
Acq On : 24 Jan 2002 12:34 pm
Sample : ref 40; man is/surr 32uL
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 14:29 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

```
Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Thu Jan 10 08:57:29 2002
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 09:42:13

Sample: AE01044
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 1/24/02 00:04 Ended: 1/24/02 00:04 Analyst: BH
 Result source: a:\0124c10c.rr
 Page: 1

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	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.8 ✓		.5
2	Surr_4-BROMOFLUOROBENZE		4.8 ✓		.5
3	Dichlorodifluoromethane	USPEC	16		.5
4	Chloromethane		13		.5
5	Vinyl chloride		13		.5
6	Bromomethane		12		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		9.2		.5
10	Methylene Chloride		8.7		.5
11	Methyl tert-butyl ether (MTBE)		8.4		1.0
12	trans-1,2-dichloroethene		9.0		.5
13	1,1-dichloroethane		9.0		.5
14	2-butanone (MEK)		11		2.0
15	2,2-dichloropropane		9.3		.5
16	cis-1,2-dichloroethene		9.0		.5
17	Chloroform		8.9		.5
18	Bromochloromethane		8.5		.5
19	1,2-dichloroethane		8.6		.5
20	Surr_TOLUENE-D8		5.1 ✓		.5
21	1,1,1- trichloroethane		8.8		.5
22	1,1-dichloropropene		9.3		.5
23	Carbon tetrachloride		8.6		.5
24	Benzene		9.1		.5
25	Trichloroethene		8.7		.5
26	1,2-dichloropropane		8.7		.5
27	Dibromomethane		8.2		.5
28	Bromodichloromethane		8.5		.5
29	Methyl iso-butyl ketone		7.7		1.0
30	cis-1,3-dichloropropene		8.6		.5
31	Toluene		8.9		.5
32	trans-1,3-dichloropropene		8.2		.5
33	1,1,2-trichloroethane		8.2		.5
34	Tetrachloroethene		8.7		.5
35	1,3-dichloropropane		8.2		.5
36	Dibromochloromethane		7.9		2.0
37	Chlorobenzene		8.5		.5
38	1,1,1,2-tetrachloroethane		8.2		.5
39	Ethylbenzene		8.8		.5
40	P & M-xylene		17		.5
41	O-xylene		8.8		.5
42	Styrene		8.6		.5
43	1,1,2,2-tetrachloroethane		7.8		.5
44	Bromoform		7.7		2.0
45	Isopropylbenzene		9.6		.5
46	1,2,3-trichloropropane		8.8		.5
47	N-propylbenzene		9.3		.5
48	Bromobenzene		8.6		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 09:42:13

Sample: AE01044
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 1/24/02 00:04 Ended: 1/24/02 00:04 Analyst: BH
Result source: a:\0124c10c.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.6		.5
50	2-chlorotoluene		8.5		.5
51	4-chlorotoluene		9.9		.5
52	TERT-butylbenzene		9.4		.5
53	1,2,4-trimethylbenzene		9.6		.5
54	SEC-butylbenzene		9.4		.5
55	P-isopropyltoluene		9.4		.5
56	1,3-dichlorobenzene		8.6		.5
57	1,4-dichlorobenzene		8.8		.5
58	N-butylbenzene		9.6		.5
59	1,2-dichlorobenzene		8.4		.5
60	1,2,4-trichlorobenzene		8.6		.5
61	Hexachlobutadiene		8.8		.5
62	Naphthalene		7.1		.5
63	1,2,3-trichlorobenzene		8.1		.5
64	Nitrobenzene	LSPEC	130		5.0

*not reported
RV*

Data File : C:\HPCHEM\1\DATA\02jan24\0124C10C.D

Vial: 6

Acq On : 24 Jan 2002 4:56 pm

Operator: 201-wb

Sample : cal 10; man is/surr 17uL

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 24 17:34 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	979158	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	869093	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.02	152	408812	5.00	ug/L	0.00

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.42	65	606844	4.77	ug/L	0.00
Spiked Amount	5.000		Recovery	=	95.40%	
3) 4-BROMOFLUOROBENZENE	24.42	174	321058	4.84	ug/L	0.00
Spiked Amount	5.000		Recovery	=	96.80%	
25) TOLUENE-D8	18.54	98	1181173	5.10	ug/L	0.00
Spiked Amount	5.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.92	85	689047	16.06	ug/L	100
5) CHLOROMETHANE	5.54	50	604998	12.69	ug/L	100
6) VINYL CHLORIDE	5.64	62	508329	12.91	ug/L	96
7) BROMOMETHANE	6.65	94	380029	12.21	ug/L	93
8) CHLOROETHANE	6.79	64	337211	12.23	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.36	101	938763	12.08	ug/L	100
10) Isopropyl Alcohol	7.94	45	6026	5.69	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.26	101	445780	8.67	ug/L	95
12) ACETONE	8.32	43	131183	10.33	ug/L	95
13) 1,1-DICHLOROETHENE	8.67	61	712356	9.15	ug/L	98
14) METHYLENE CHLORIDE	9.68	49	780011	8.65	ug/L	98
15) METHYL TERT BUTYL ETHER	10.00	73	443176	8.42	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.35	61	696046	9.03	ug/L	98
17) 1,1-DICHLOROETHANE	11.25	63	760041	8.98	ug/L	98
18) 2-BUTANONE (MEK)	12.07	43	175410	10.53	ug/L	99
19) 2,2-DICHLOROPROPANE	12.47	77	548013	9.25	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.56	96	385947	8.98	ug/L	98
21) CHLOROFORM	12.89	83	860327	8.89	ug/L	98
22) BROMOCHLOROMETHANE	13.27	49	416059	8.52	ug/L	95
23) 1,2-DICHLOROETHANE	14.61	62	687989	8.56	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.80	97	698403	8.81	ug/L	96
27) 1,1-DICHLOROPROPENE	14.11	75	571565	9.31	ug/L	98
28) CARBON TETRACHLORIDE	14.37	117	685546	8.61	ug/L	96
29) BENZENE	14.72	78	1441799	9.05	ug/L	99
30) TRICHLOROETHENE	15.99	95	425398	8.71	ug/L	99
31) 1,2-DICHLOROPROPANE	16.34	63	400222	8.75	ug/L	95
32) DIBROMOMETHANE	17.02	174	165120	8.17	ug/L	94
33) BROMODICHLOROMETHANE	16.86	83	573780	8.48	ug/L	100

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

0124C10C.D HP010702.M

Thu Jan 24 17:34:57 2002

Page 1

Data File : C:\HPCHEM\1\DATA\02jan24\0124C10C.D

Vial: 6

Acq On : 24 Jan 2002 4:56 pm

Operator: 201-wb

Sample : cal 10; man is/surr 17uL

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 24 17:34 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Jan 10 08:57:29 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.35	63	117902	8.20	ug/L	91
35) METHYL ISO-BUTYL KETONE	17.42	58	67809	7.71	ug/L	100
36) CIS-1,3-DICHLOROPROPENE	17.96	75	451104	8.64	ug/L	97
37) TOLUENE	18.71	91	1356031	8.85	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.99	75	328289	8.25	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.37	97	218908	8.23	ug/L	93
40) TETRACHLOROETHENE	20.16	166	359467	8.71	ug/L	96
41) 1,3-DICHLOROPROPANE	19.91	76	421039	8.18	ug/L	96
42) DIBROMOCHLOROMETHANE	20.61	129	288055	7.94	ug/L	97
43) 1,2-DIBROMOETHANE	21.04	107	217685	8.17	ug/L	98
44) CHLOROENZENE	21.93	112	880430	8.54	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.99	131	319246	8.23	ug/L	99
46) 2-HEXANONE	19.27	43	147054	7.53	ug/L	95
47) ETHYLBENZENE	21.97	91	1682210	8.78	ug/L	98
48) P & M-XYLENE	22.12	106	1099527	17.28	ug/L	93
49) O-XYLENE	23.10	91	1286900	8.83	ug/L	99
50) STYRENE	23.17	104	795709	8.57	ug/L	95
51) 1,1,2,2-TETRACHLOROETHANE	24.18	83	227233	7.82	ug/L	94
53) BROMOFORM	24.02	173	122891	7.75	ug/L	98
54) ISOPROPYLBENZENE	23.83	105	1345593	9.57	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.51	110	77598	8.79	ug/L	99
56) N-PROPYLBENZENE	24.70	91	1834913	9.35	ug/L	100
57) BROMOBENZENE	24.95	156	321996	8.64	ug/L	96
58) 1,3,5-TRIMETHYLBENZENE	25.02	105	1269456	9.57	ug/L	98
59) 2-CHLOROTOLUENE	25.17	91	1167216	8.50	ug/L	95
60) 4-CHLOROTOLUENE	25.26	91	1243725	9.85	ug/L	98
61) TERT-BUTYLBENZENE	25.80	119	1063739	9.37	ug/L	97
62) 1,2,4-TRIMETHYLBENZENE	25.91	105	1309565	9.59	ug/L	97
63) SEC-BUTYLBENZENE	26.27	105	1427263	9.42	ug/L	98
64) P-ISOPROPYLTOLUENE	26.52	119	1076640	9.40	ug/L	97
65) 1,3-DICHLOROBENZENE	26.88	146	568977	8.64	ug/L	97
66) 1,4-DICHLOROBENZENE	27.09	146	594548	8.79	ug/L	97
67) N-BUTYLBENZENE	27.40	91	1258064	9.59	ug/L	96
68) 1,2-DICHLOROBENZENE	27.96	146	489127	8.43	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.76	157	20987	7.34	ug/L	84
70) 1,2,4-TRICHLOROBENZENE	32.06	180	300827	8.55	ug/L	96
71) HEXACHLOROBUTADIENE	32.35	225	219516	8.83	ug/L	98
72) NAPHTHALENE	32.89	128	329458	7.11	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.61	180	245480	8.12	ug/L	96
74) NITROBENZENE	29.97	77	126767	128.53	ug/L	97

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

0124C10C.D HP010702.M

Thu Jan 24 17:34:59 2002

Page 2

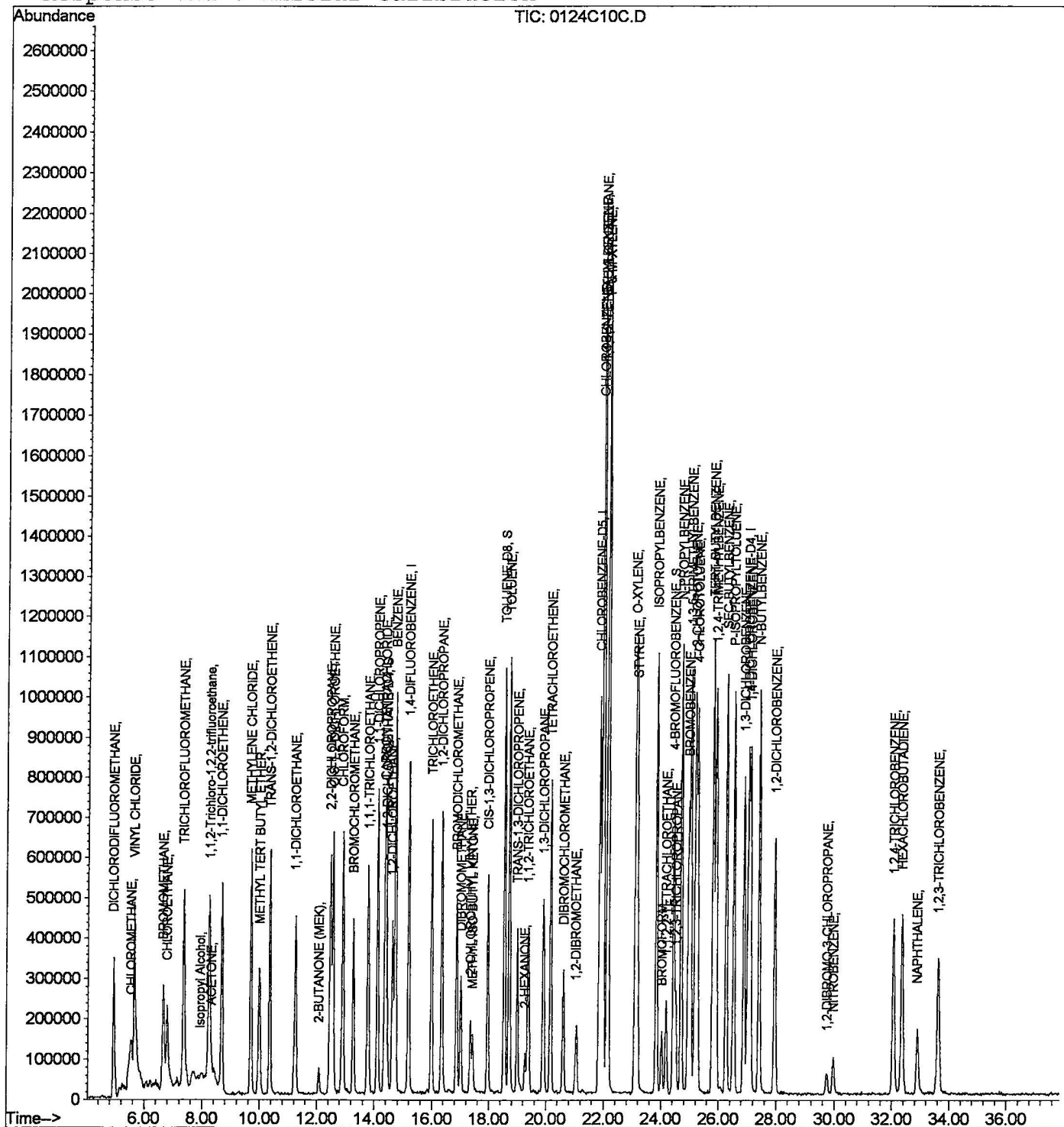
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan24\0124C10C.D
Acq On : 24 Jan 2002 4:56 pm
Sample : cal 10; man is/surr 17uL
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 17:34 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

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Method       : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Thu Jan 10 08:57:29 2002
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 09:44:29

Sample: AE01046
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 1/24/02 00:06 Ended: 1/24/02 00:06 Analyst: BH
 Result source: a:\1046fb.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.7 ✓		.5
2	Surr_4-BROMOFLUOROBENZE		4.2 ✓		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		0.59		.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)		2.7		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 25

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 09:44:29

Sample: AE01046
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 1/24/02 00:06 Ended: 1/24/02 00:06 Analyst: BH
Result source: a:\1046fb.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

Data File : C:\HPCHEM\1\DATA\02jan24\1046FB.D
 Acq On : 24 Jan 2002 6:04 pm
 Sample : nyc 524field bl
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 24 18:43 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	831935	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.85	117	691572	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.02	152	303711	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	509438	4.72	ug/L	0.00
Spiked Amount 5.000			Recovery	=	94.40%	
3) 4-BROMOFLUOROBENZENE	24.43	174	238642	4.23	ug/L	0.00
Spiked Amount 5.000			Recovery	=	84.60%	
25) TOLUENE-D8	18.54	98	999036	5.42	ug/L	0.00
Spiked Amount 5.000			Recovery	=	108.40%	
Target Compounds						
5) CHLOROMETHANE	5.59	50	3180	0.08	ug/L	91
6) VINYL CHLORIDE	5.64	62	6944	0.21	ug/L	76
7) BROMOMETHANE	6.68	94	4102	0.16	ug/L	79
10) Isopropyl Alcohol	7.96	45	2337	2.60	ug/L	76
12) ACETONE	8.33	43	272590	25.27	ug/L	98
14) METHYLENE CHLORIDE	9.68	49	45089	0.59	ug/L	92
18) 2-BUTANONE (MEK)	12.07	43	42307	2.74	ug/L	92
46) 2-HEXANONE	19.27	43	4319	0.28	ug/L	36
66) 1,4-DICHLOROBENZENE	27.09	146	2903	0.06	ug/L	81
70) 1,2,4-TRICHLOROBENZENE	32.06	180	4293	0.16	ug/L	95
73) 1,2,3-TRICHLOROBENZENE	33.61	180	4911	0.22	ug/L	94

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

1046FB.D HP010702.M Thu Jan 24 18:43:24 2002

Page 1

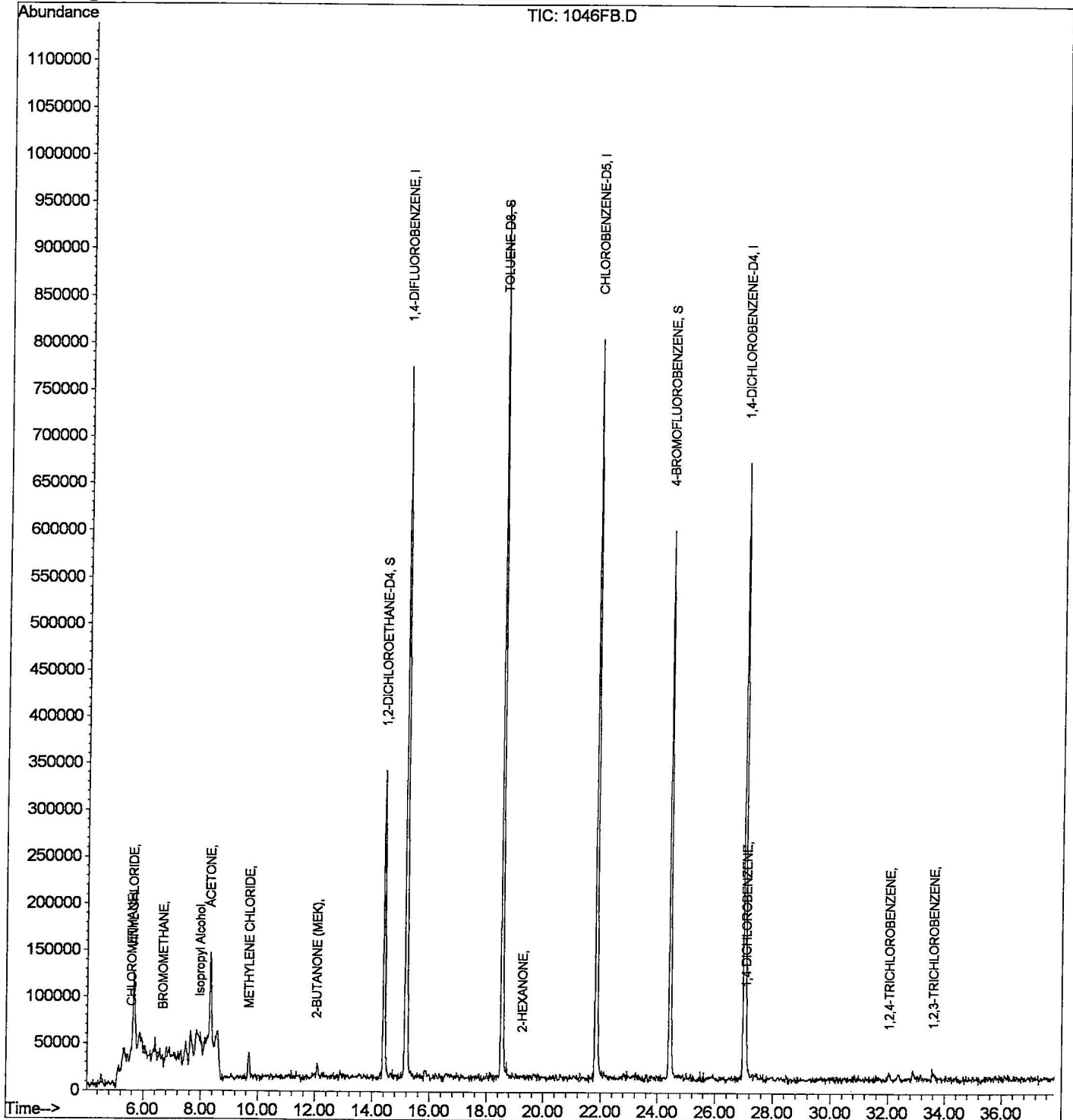
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan24\1046FB.D
Acq On : 24 Jan 2002 6:04 pm
Sample : nyc 524field bl
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 18:43 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1046FB.D
 Acq On : 24 Jan 2002 6:04 pm
 Sample : nyc 524field bl
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P

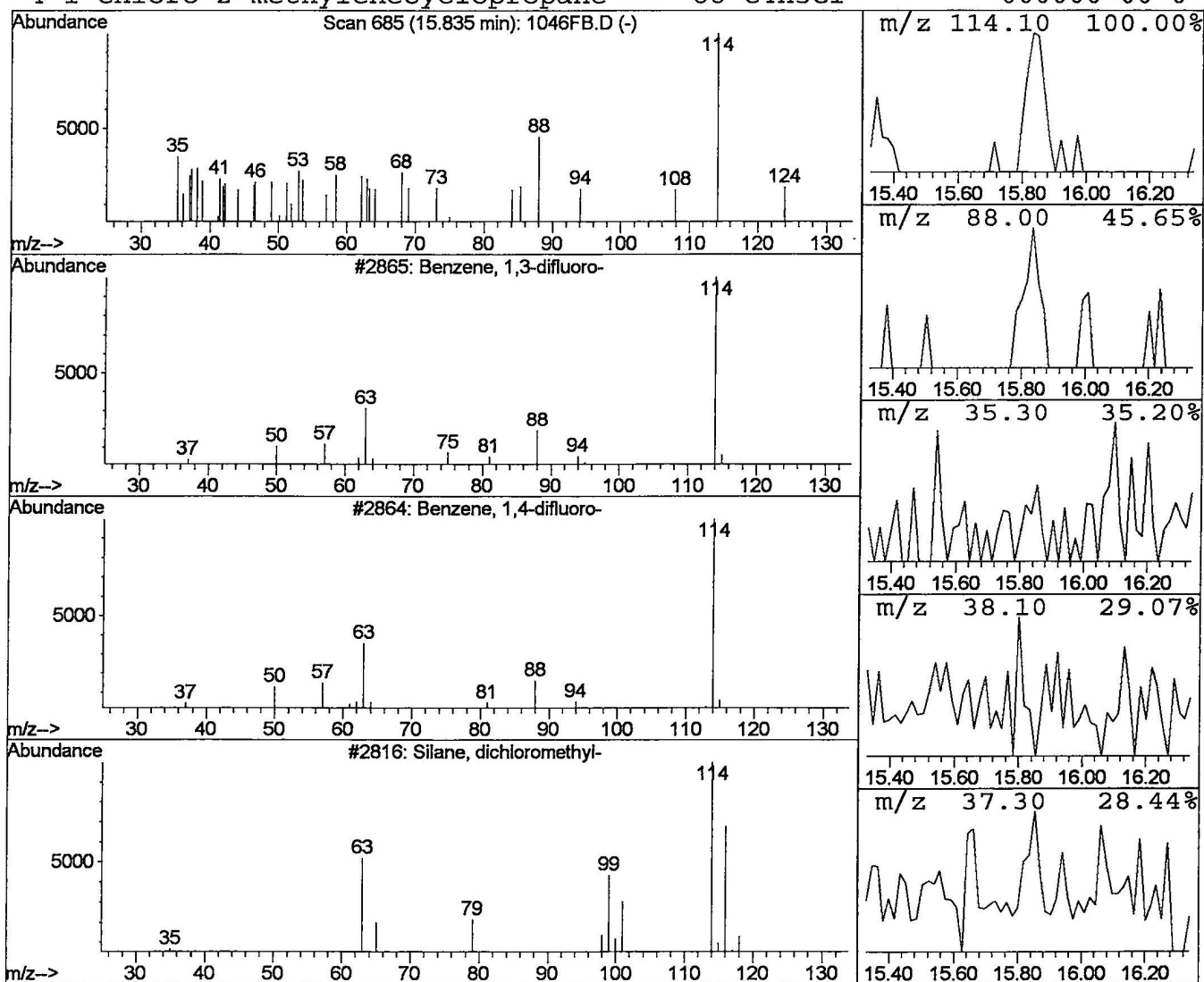
Vial: 1
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Benzene, 1,3-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	0.08 ug/L	45514	1,4-DIFLUOROBENZENE	15.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	9
2		Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	9
3		Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	7
4		1-Chloro-2-methylenecyclopropane	88	C4H5Cl	000000-00-0	7



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 10:39:57

Sample: AE01044
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/24/02 00:06 Ended: 1/24/02 00:06 Analyst: BH
 Result source: a:\1044.r
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		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

REVIEWED BY AV
 DATE 2/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 10:39:57

Sample: AE01044
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/24/02 00:06 Ended: 1/24/02 00:06 Analyst: BH
Result source: a:\1044.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\02jan24\1044.D
 Acq On : 24 Jan 2002 6:47 pm
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 24 19:26 2002

Vial: 2
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	881952	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	736740	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.04	152	309018	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	546253	4.77	ug/L	0.00
Spiked Amount 5.000			Recovery	=	95.40%	
3) 4-BROMOFLUOROBENZENE	24.44	174	252073	4.22	ug/L	0.02
Spiked Amount 5.000			Recovery	=	84.40%	
25) TOLUENE-D8	18.55	98	1029573	5.25	ug/L	0.02
Spiked Amount 5.000			Recovery	=	105.00%	
Target Compounds						
5) CHLOROMETHANE	5.60	50	3940	0.09	ug/L	Qvalue 83
6) VINYL CHLORIDE	5.64	62	6261	0.18	ug/L	71
8) CHLOROETHANE	6.80	64	1425	0.06	ug/L	80
10) Isopropyl Alcohol	8.03	45	2602	2.73	ug/L	80
12) ACETONE	8.34	43	52759	4.61	ug/L	96
14) METHYLENE CHLORIDE	9.70	49	33101	0.41	ug/L	89
18) 2-BUTANONE (MEK)	12.09	43	42560	2.58	ug/L	95
46) 2-HEXANONE	19.34	43	5371	0.32	ug/L	36

All contain.

(#) = qualifier out of range (m) = manual integration
 1044.D HP010702.M Thu Jan 24 19:26:13 2002

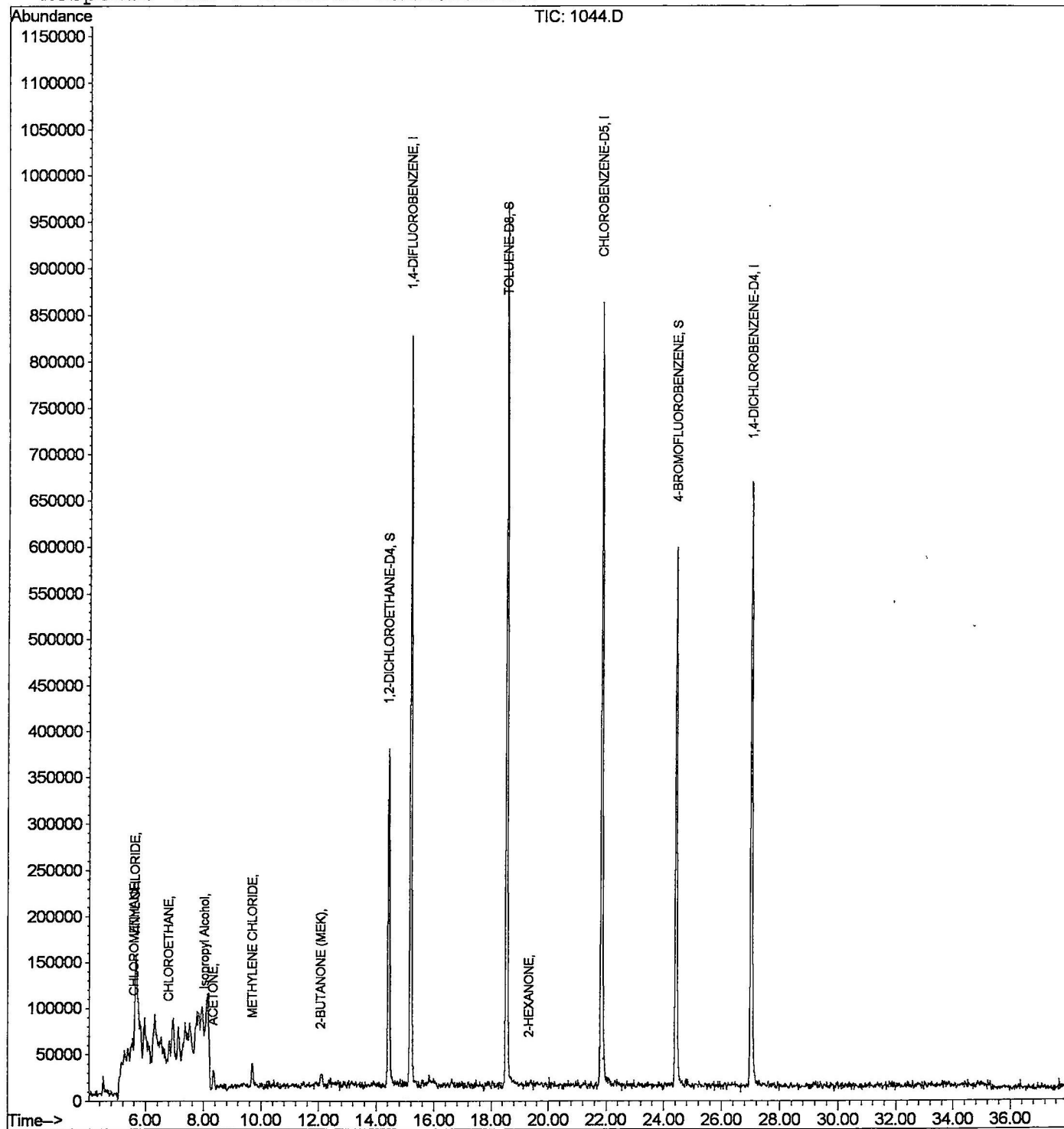
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan24\1044.D
Acq On : 24 Jan 2002 6:47 pm
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 19:26 2002

Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 10:46:11

Sample: AE01045
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/24/02 00:07 Ended: 1/24/02 00:07 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		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		5.3		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 AV
 DATE 2/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 10:46:11

Sample: AE01045
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/24/02 00:07 Ended: 1/24/02 00:07 Analyst: BH
Result source: manual entry
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\02jan24\1045.D
Acq On : 24 Jan 2002 7:30 pm
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 20:09 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	818631	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.86	117	683105	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	27.04	152	290576	5.00	ug/L	0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.42	65	529179	4.98	ug/L	0.00
Spiked Amount	5.000		Recovery	=	99.60%	
3) 4-BROMOFLUOROBENZENE	24.44	174	228300	4.12	ug/L	0.02
Spiked Amount	5.000		Recovery	=	82.40%	
25) TOLUENE-D8	18.55	98	968249	5.32	ug/L	0.02
Spiked Amount	5.000		Recovery	=	106.40%	

Target Compounds

					Qvalue
6) VINYL CHLORIDE	5.61	62	2516	0.08 ug/L	83
7) BROMOMETHANE	6.70	94	1531	0.06 ug/L	56
8) CHLOROETHANE	6.82	64	1669	0.07 ug/L	74
10) Isopropyl Alcohol	7.87	45	4732	5.35 ug/L	81
12) ACETONE	8.34	43	66811	6.29 ug/L	96
14) METHYLENE CHLORIDE	9.70	49	36431	0.48 ug/L	89
18) 2-BUTANONE (MEK)	12.09	43	39173	2.55 ug/L	95
46) 2-HEXANONE	19.30	43	3675	0.24 ug/L	77

2x as
high as usual?
still contain.

(#) = qualifier out of range (m) = manual integration
1045.D HP010702.M Thu Jan 24 20:09:15 2002

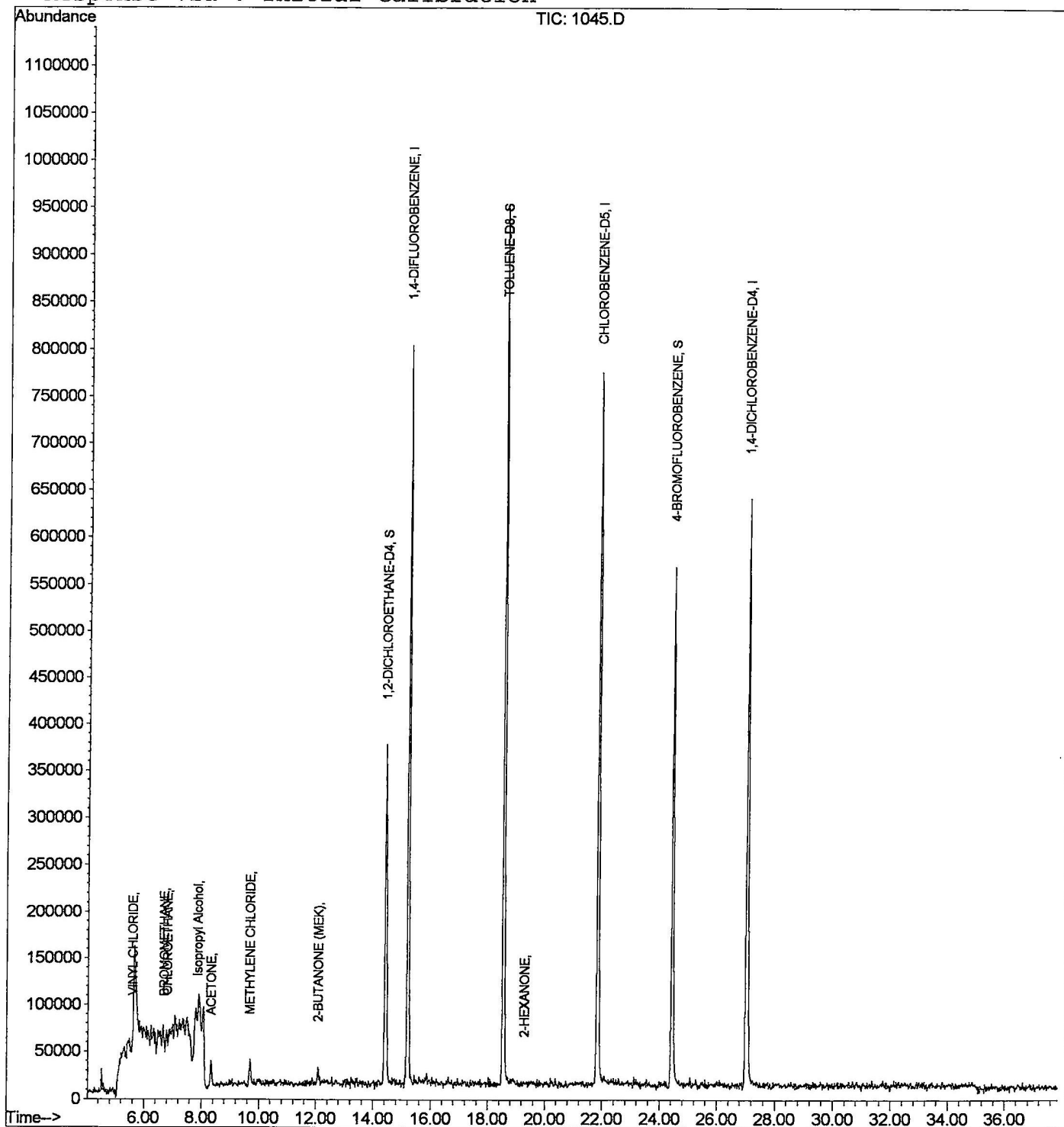
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan24\1045.D
 Acq On : 24 Jan 2002 7:30 pm
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 24 20:09 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 10:43:00

Sample: AE01046
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/24/02 00:08 Ended: 1/24/02 00:08 Analyst: BH
 Result source: a:\1046.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		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		5.3		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 BY
 DATE 2/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 10:43:00

Sample: AE01046
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/24/02 00:08 Ended: 1/24/02 00:08 Analyst: BH
Result source: a:\1046.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\02jan24\1046.D
 Acq On : 24 Jan 2002 8:13 pm
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 24 20:52 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	867713	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	715411	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.04	152	298866	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	546049	4.85	ug/L	0.00
Spiked Amount	5.000		Recovery	=	97.00%	
3) 4-BROMOFLUOROBENZENE	24.44	174	238492	4.06	ug/L	0.02
Spiked Amount	5.000		Recovery	=	81.20%	
25) TOLUENE-D8	18.55	98	1009941	5.30	ug/L	0.02
Spiked Amount	5.000		Recovery	=	106.00%	
Target Compounds						
5) CHLOROMETHANE	5.66	50	3751	0.09	ug/L	Qvalue 83
6) VINYL CHLORIDE	5.66	62	5169	0.15	ug/L	87
7) BROMOMETHANE	6.43	94	2306	0.08	ug/L	57
8) CHLOROETHANE	6.76	64	7687	0.31	ug/L	97
10) Isopropyl Alcohol	8.05	45	2017	2.15	ug/L	98
12) ACETONE	8.34	43	33839	3.01	ug/L	96
14) METHYLENE CHLORIDE	9.70	49	37196	0.47	ug/L	96
18) 2-BUTANONE (MEK)	12.09	43	43684	2.70	ug/L	95
35) METHYL ISO-BUTYL KETONE	17.44	58	1293	0.18	ug/L	32
46) 2-HEXANONE	19.27	43	4011	0.25	ug/L	36

(#) = qualifier out of range (m) = manual integration
 1046.D HP010702.M Thu Jan 24 20:52:11 2002

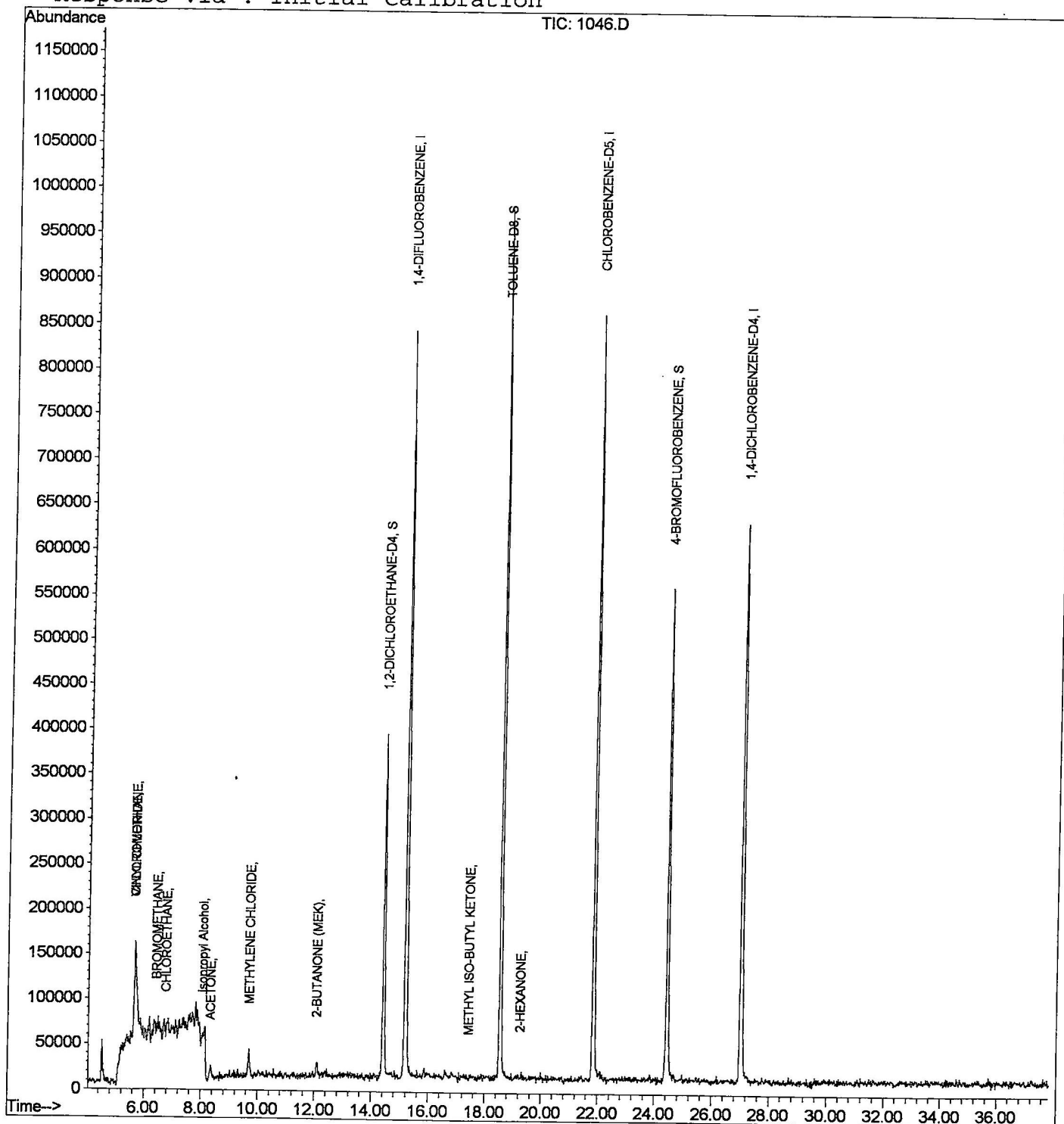
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan24\1046.D
Acq On : 24 Jan 2002 8:13 pm
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 20:52 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 10:48:18

Sample: AE01153
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 1/24/02 00:08 Ended: 1/24/02 00:08 Analyst: BH
 Result source: a:\1153fb.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.9		.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		0.75		.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)		2.5		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

IPA 7.77
 Acetone 16

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 10:48:18

Sample: AE01153
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 1/24/02 00:08 Ended: 1/24/02 00:08 Analyst: BH
Result source: a:\1153fb.rr
Page: 2

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

Comments for Sample AE01153 - Analysis \$F_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-31-2002 Time: 17:11:30

Methylene chloride and 2-butanone are present due to lab contamination.

Data File : C:\HPCHEM\1\DATA\02jan24\1153FB.D
 Acq On : 24 Jan 2002 8:56 pm
 Sample : nyc 524 field bl
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 24 21:35 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator).
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	798486	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	669653	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.04	152	276044	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	513052	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery	=	99.00%	
3) 4-BROMOFLUOROBENZENE	24.44	174	220247	4.07	ug/L	0.02
Spiked Amount 5.000			Recovery	=	81.40%	
25) TOLUENE-D8	18.55	98	942511	5.28	ug/L	0.02
Spiked Amount 5.000			Recovery	=	105.60%	
Target Compounds						
7) BROMOMETHANE	6.77	94	3467	0.14	ug/L	Qvalue 62
10) Isopropyl Alcohol	7.73	45	6705	7.77	ug/L	90
12) ACETONE	8.33	43	165172	15.95	ug/L	97
14) METHYLENE CHLORIDE	9.70	49	54855	0.75	ug/L	95
18) 2-BUTANONE (MEK)	12.11	43	37189	2.48	ug/L	88
46) 2-HEXANONE	19.25	43	6114	0.41	ug/L	36
55) 1,2,3-TRICHLOROPROPANE	24.72	110	405	0.07	ug/L	53

 (#) = qualifier out of range (m) = manual integration
 1153FB.D HP010702.M Thu Jan 24 21:35:20 2002

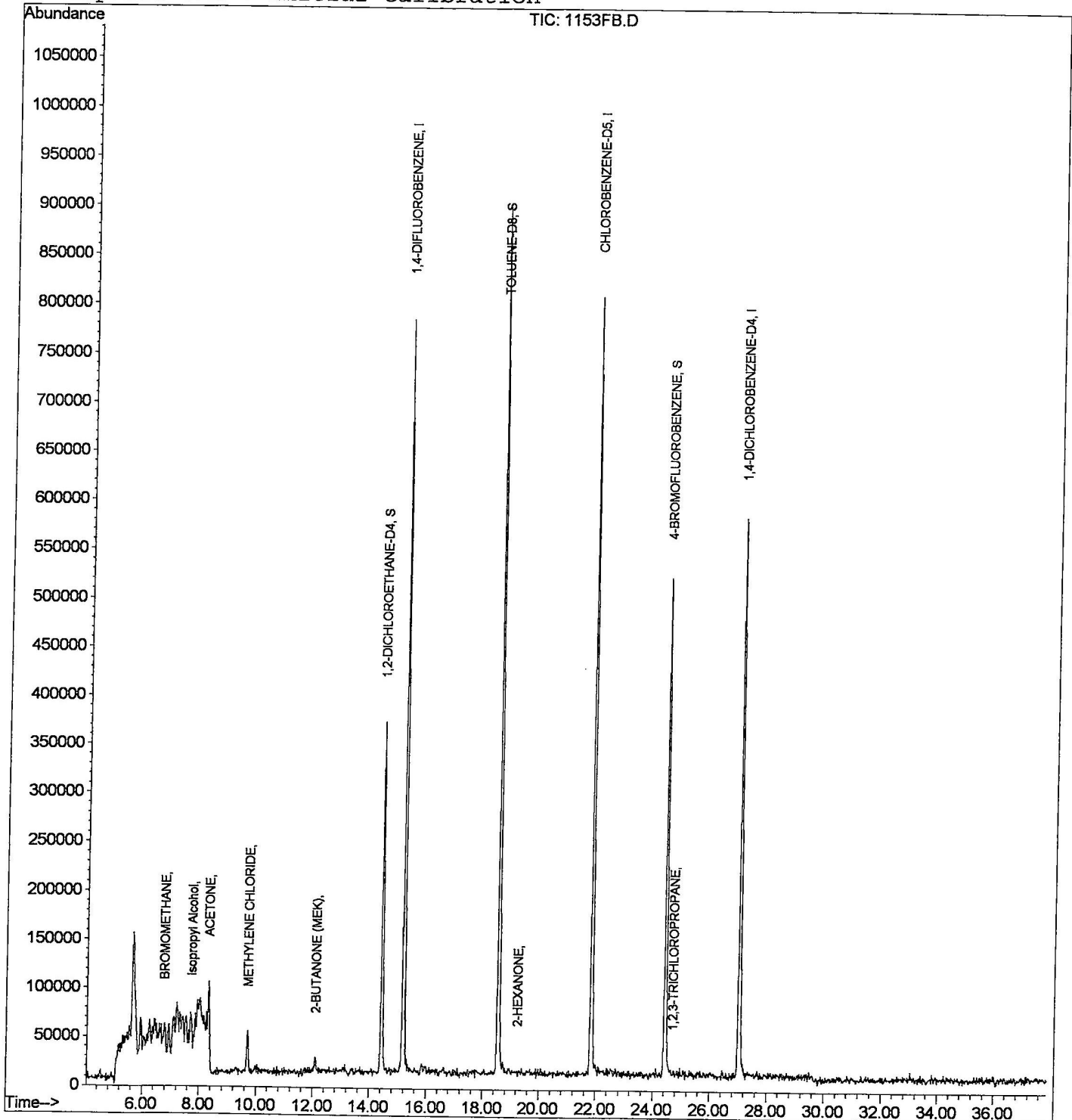
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan24\1153FB.D
Acq On : 24 Jan 2002 8:56 pm
Sample : nyc 524 field bl
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 21:35 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 10:52:59

Sample: AE01153
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/24/02 00:09 Ended: 1/24/02 00:09 Analyst: BH
 Result source: a:\1153.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		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		5.3		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	<u>AV</u>
DATE	<u>2/1/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 10:52:59

Sample: AE01153
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/24/02 00:09 Ended: 1/24/02 00:09 Analyst: BH
Result source: a:\1153.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

Data File : C:\HPCHEM\1\DATA\02JAN24\1153.D
 Acq On : 24 Jan 2002 9:40 pm
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 25 14:48 2002

Vial: 6
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Jan 25 14:13:49 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	798416	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	678630	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.02	152	280557	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	518163	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery	=	100.00%	
3) 4-BROMOFLUOROBENZENE	24.43	174	220635	4.08	ug/L	0.00
Spiked Amount 5.000			Recovery	=	81.60%	
25) TOLUENE-D8	18.55	98	954916	5.28	ug/L	0.02
Spiked Amount 5.000			Recovery	=	105.60%	
Target Compounds						
5) CHLOROMETHANE	5.42	50	2199	0.06	ug/L	Qvalue 78
9) TRICHLOROFLUOROMETHANE	7.37	101	3669	0.06	ug/L	97
10) Isopropyl Alcohol	8.03	45	6533	7.57	ug/L	74
12) ACETONE	8.34	43	58812	5.68	ug/L	92
14) METHYLENE CHLORIDE , S/	9.70	49	37317	0.51	ug/L	97
18) 2-BUTANONE (MEK)	12.09	43	38457	2.57	ug/L	94
46) 2-HEXANONE	19.34	43	2470	0.16	ug/L	98

 (#) = qualifier out of range (m) = manual integration
 1153.D HP010702.M Fri Jan 25 14:48:51 2002

Page 1

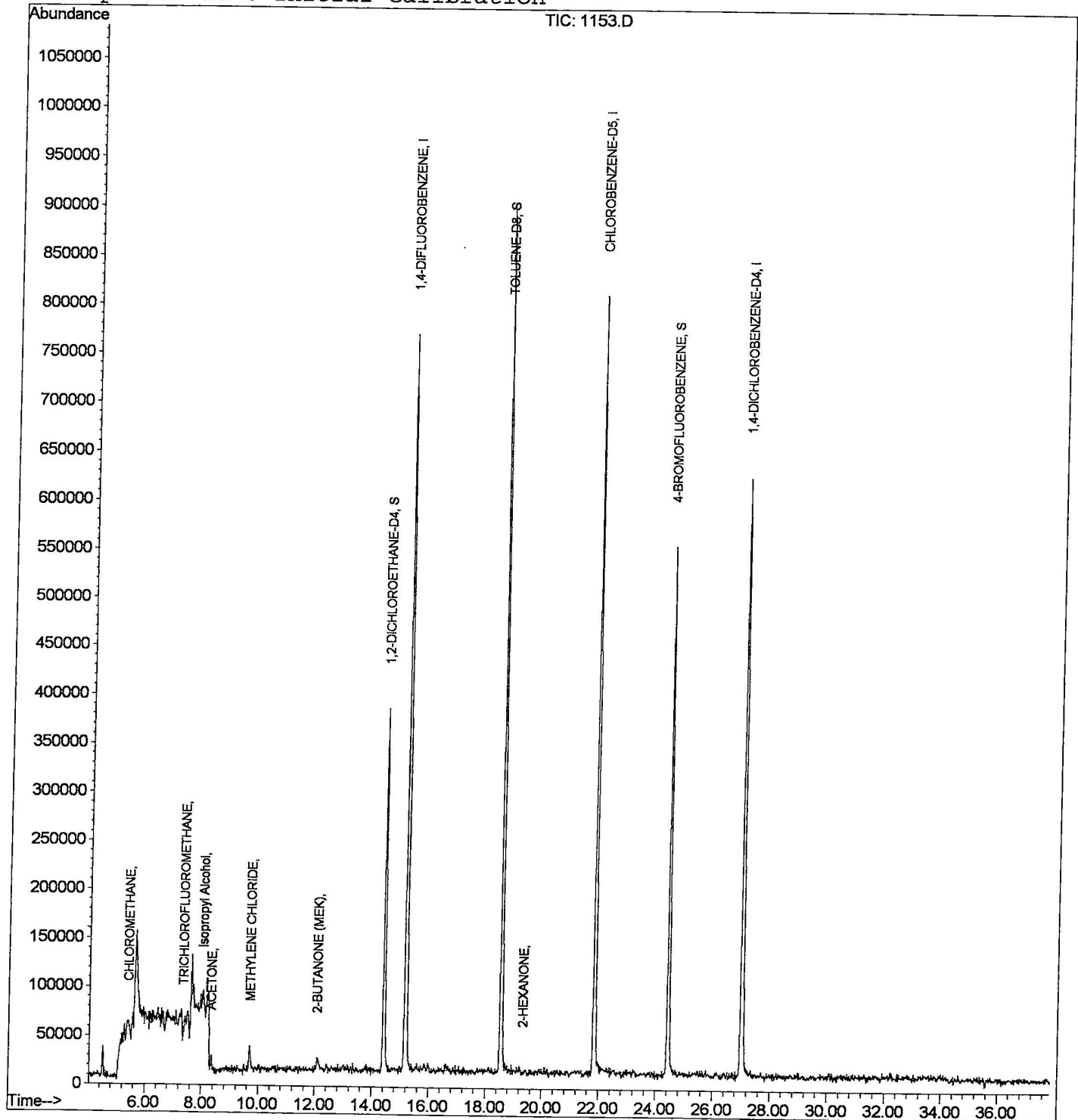
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1153.D
Acq On : 24 Jan 2002 9:40 pm
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 25 14:48 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



1153.D HP010702.M

Fri Jan 25 14:48:56 2002

Page 2

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/31/2002 Time: 17:13:43

Sample: AE01154
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 01/24/02 00:00 Ended: 01/24/02 00:00 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.9	0.5
2	Surr - 4-BROMOFLUOROBENZE		3.9	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	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-Bromodichloromethan		< 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-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
 DATE 2/1/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 17:13:43

Sample: AE01154
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 01/24/02 00:00 Ended: 01/24/02 00:00 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< 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

Data File : C:\HPCHEM\1\DATA\02JAN24\1154.D

Vial: 7

Acq On : 24 Jan 2002 10:23 pm

Operator: 201-wb

Sample : nyc 524

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 25 14:55 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Jan 25 14:13:49 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	809642	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	668788	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.02	152	279036	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	515754	4.91	ug/L	0.00
Spiked Amount 5.000			Recovery	=	98.20%	
3) 4-BROMOFLUOROBENZENE	24.43	174	216415	3.95	ug/L	0.00
Spiked Amount 5.000			Recovery	=	79.00%	
25) TOLUENE-D8	18.54	98	958096	5.38	ug/L	0.00
Spiked Amount 5.000			Recovery	=	107.60%	
Target Compounds						
7) BROMOMETHANE	6.83	94	1542	0.06	ug/L	63
10) Isopropyl Alcohol	7.99	45	4808	5.49	ug/L	84
11) 1,1,2-Trichloro-1,2,2-trif	7.91	101	2570	0.06	ug/L	70
12) ACETONE	8.33	43	34250	3.26	ug/L	95
14) METHYLENE CHLORIDE	9.68	49	37749	0.51	ug/L	94
18) 2-BUTANONE (MEK)	12.09	43	38154	2.51	ug/L	97

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

1154.D HP010702.M

Fri Jan 25 14:55:56 2002

Page 1

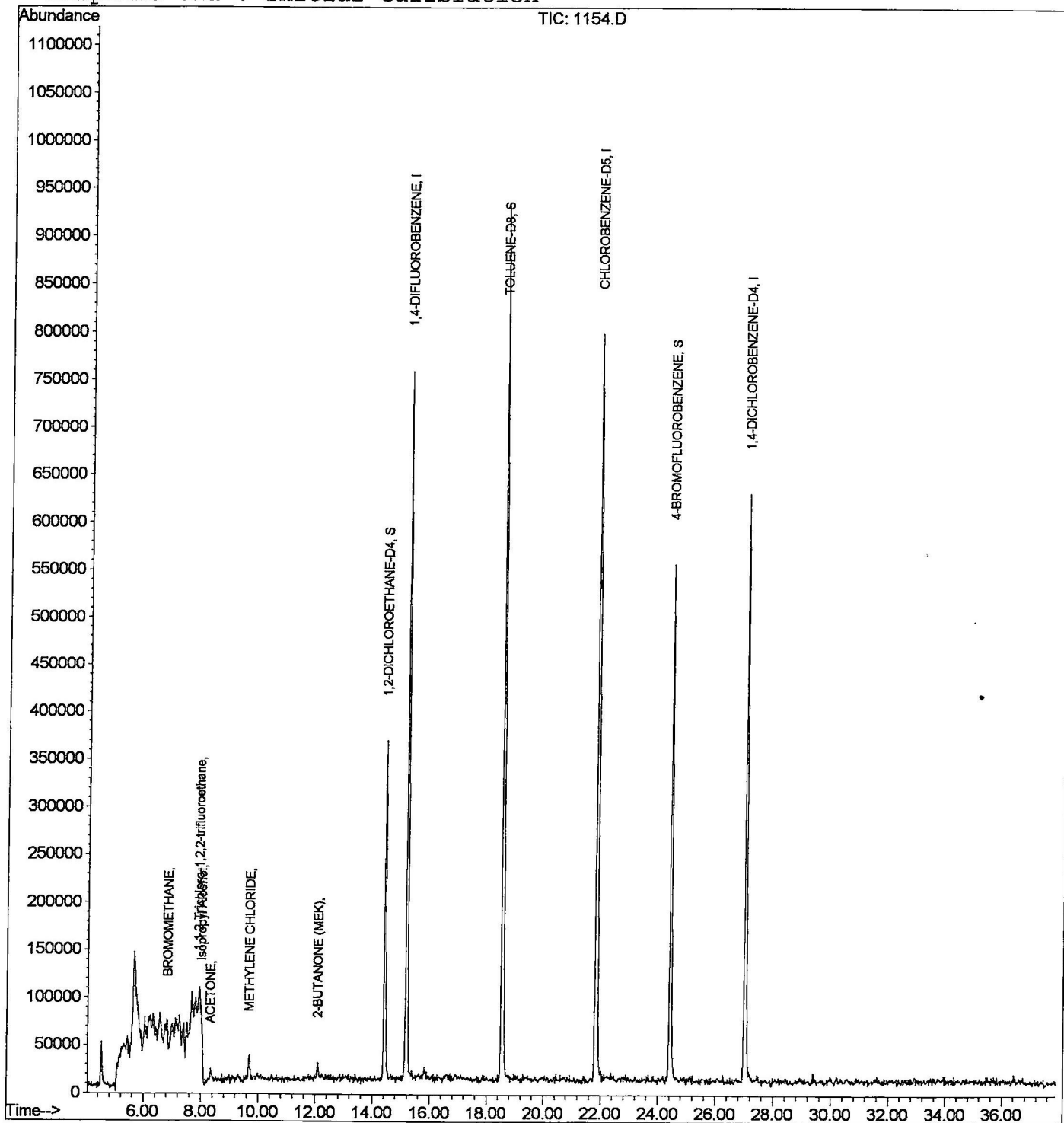
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1154.D
Acq On : 24 Jan 2002 10:23 pm
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 25 14:55 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 11:01:18

Sample: AE01155
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/24/02 00:01 Ended: 1/24/02 00:01 Analyst: BH
 Result source: a:\1155.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (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

REVIEWED BY AY
 DATE 2/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 11:01:18

Sample: AE01155
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/24/02 00:01 Ended: 1/24/02 00:01 Analyst: BH
Result source: a:\1155.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

Data File : C:\HPCHEM\1\DATA\02jan24\1155.D
 Acq On : 24 Jan 2002 11:06 pm
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 24 23:44 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 10 08:57:29 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	848811	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.85	117	704100	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.02	152	279685	5.00	ug/L	0.00

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.42	65	535131	4.86	ug/L	0.00
Spiked Amount	5.000		Recovery	=	97.20%	
3) 4-BROMOFLUOROBENZENE	24.43	174	225042	3.91	ug/L	0.00
Spiked Amount	5.000		Recovery	=	78.20%	
25) TOLUENE-D8	18.54	98	1019010	5.43	ug/L	0.00
Spiked Amount	5.000		Recovery	=	108.60%	

Target Compounds

						Qvalue
5) CHLOROMETHANE	5.55	50	2259	0.05	ug/L	86
6) VINYL CHLORIDE	5.86	62	2448	0.07	ug/L	98
7) BROMOMETHANE	6.80	94	1505	0.06	ug/L	75
10) Isopropyl Alcohol	7.96	45	4333	4.72	ug/L	89
12) ACETONE	8.33	43	45878	4.17	ug/L	81
14) METHYLENE CHLORIDE . 45	9.68	49	35289	0.45	ug/L	91
15) METHYL TERT BUTYL ETHER	9.93	73	2938	0.06	ug/L	100
18) 2-BUTANONE (MEK)	12.09	43	40544	2.55	ug/L	98
23) 1,2-DICHLOROETHANE	14.62	62	4278	0.06	ug/L	84
35) METHYL ISO-BUTYL KETONE	17.39	58	1478	0.21	ug/L	37
46) 2-HEXANONE	19.25	43	5430	0.34	ug/L	36

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

1155.D HP010702.M

Thu Jan 24 23:44:58 2002

Page 1

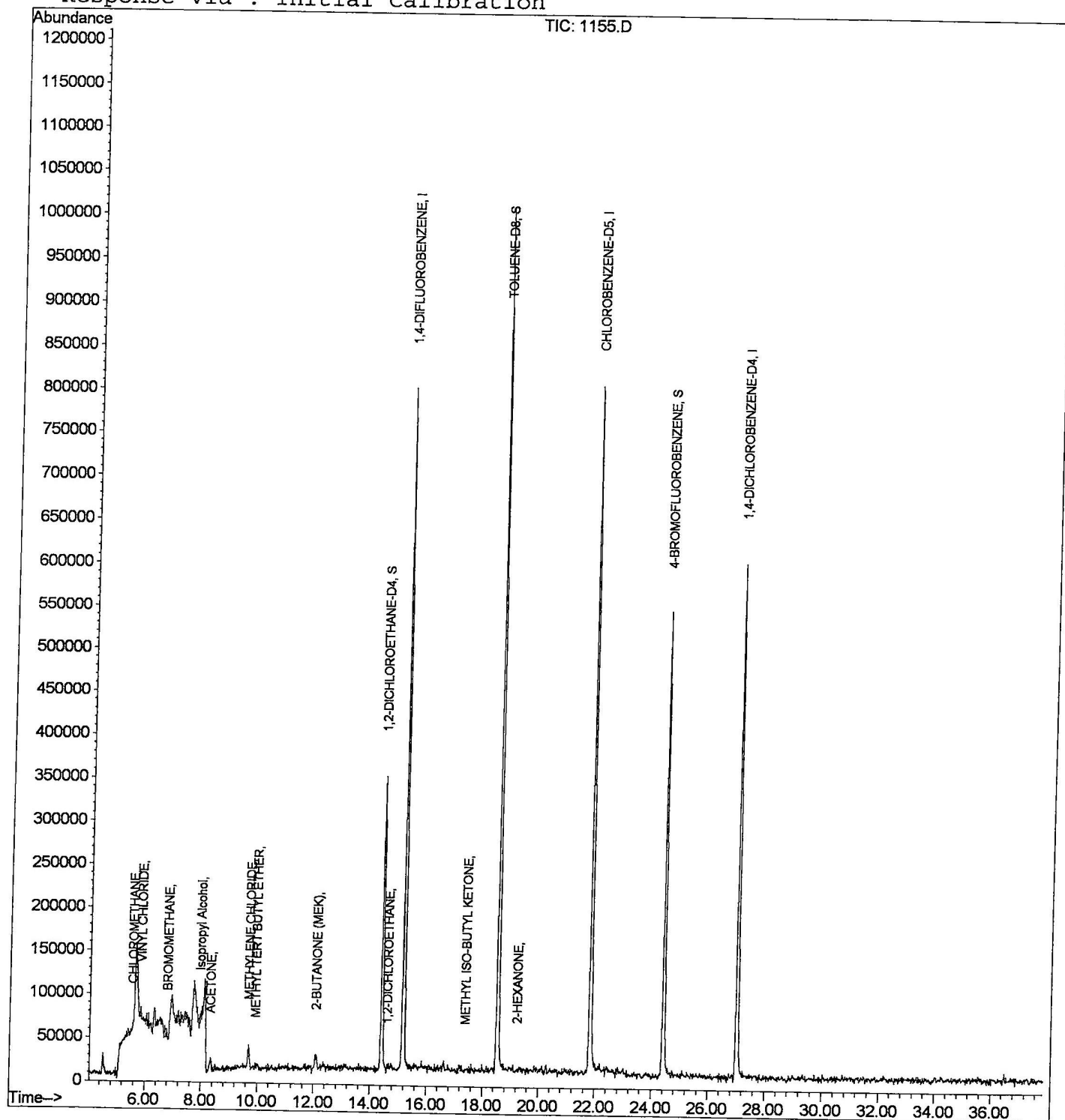
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan24\1155.D
Acq On : 24 Jan 2002 11:06 pm
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 24 23:44 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 10 08:57:29 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 11:22:59

Sample: AE01230
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 1/24/02 00:01 Ended: 1/24/02 00:01 Analyst: BH
 Result source: a:\1230bf.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_ 1,2-DICHLOROETHANE-		5.1		.5
2	Surr_ 4-BROMOFLUOROBENZE		4.2		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		0.88		.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)		2.8		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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 11:22:59

Sample: AE01230
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 1/24/02 00:01 Ended: 1/24/02 00:01 Analyst: BH
Result source: a:\1230bf.rr
Page: 2

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

Comments for Sample AE01230 - Analysis \$F_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 02-01-2002 Time: 10:45:33

Methylene chloride, hexane and 2-butanone are present due to lab contamination.

Data File : C:\HPCHEM\1\DATA\02JAN24\1230BF.D
 Acq On : 24 Jan 2002 11:49 pm
 Sample : nyc 524 field bl
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 28 11:03 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Jan 25 14:13:49 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.19	114	736144	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.85	117	608960	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	27.02	152	255114	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.42	65	490249	5.13	ug/L	0.00
Spiked Amount 5.000			Recovery	=	102.60%	
3) 4-BROMOFLUOROBENZENE	24.43	174	210589	4.22	ug/L	0.00
Spiked Amount 5.000			Recovery	=	84.40%	
25) TOLUENE-D8	18.54	98	876808	5.40	ug/L	0.00
Spiked Amount 5.000			Recovery	=	108.00%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.39	50	2230	0.06	ug/L	81
6) VINYL CHLORIDE	5.77	62	3797	0.13	ug/L	81
7) BROMOMETHANE	6.70	94	2096	0.09	ug/L	62
9) TRICHLOROFLUOROMETHANE	7.38	101	4420	0.08	ug/L	98
10) Isopropyl Alcohol	7.87	45	3746	4.71	ug/L	99
12) ACETONE	8.33	43	125155	13.11	ug/L	97
14) METHYLENE CHLORIDE	9.68	49	59651	0.88	ug/L	96
18) 2-BUTANONE (MEK)	12.07	43	38816	2.85	ug/L	85
35) METHYL ISO-BUTYL KETONE	17.25	58	896	0.15	ug/L	33
37) TOLUENE	18.71	91	5407	0.05	ug/L	73
46) 2-HEXANONE	19.23	43	1476	0.11	ug/L	36
55) 1,2,3-TRICHLOROPROPANE	24.53	110	384	0.07	ug/L	84

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

1230BF.D HP010702.M Mon Jan 28 11:03:16 2002

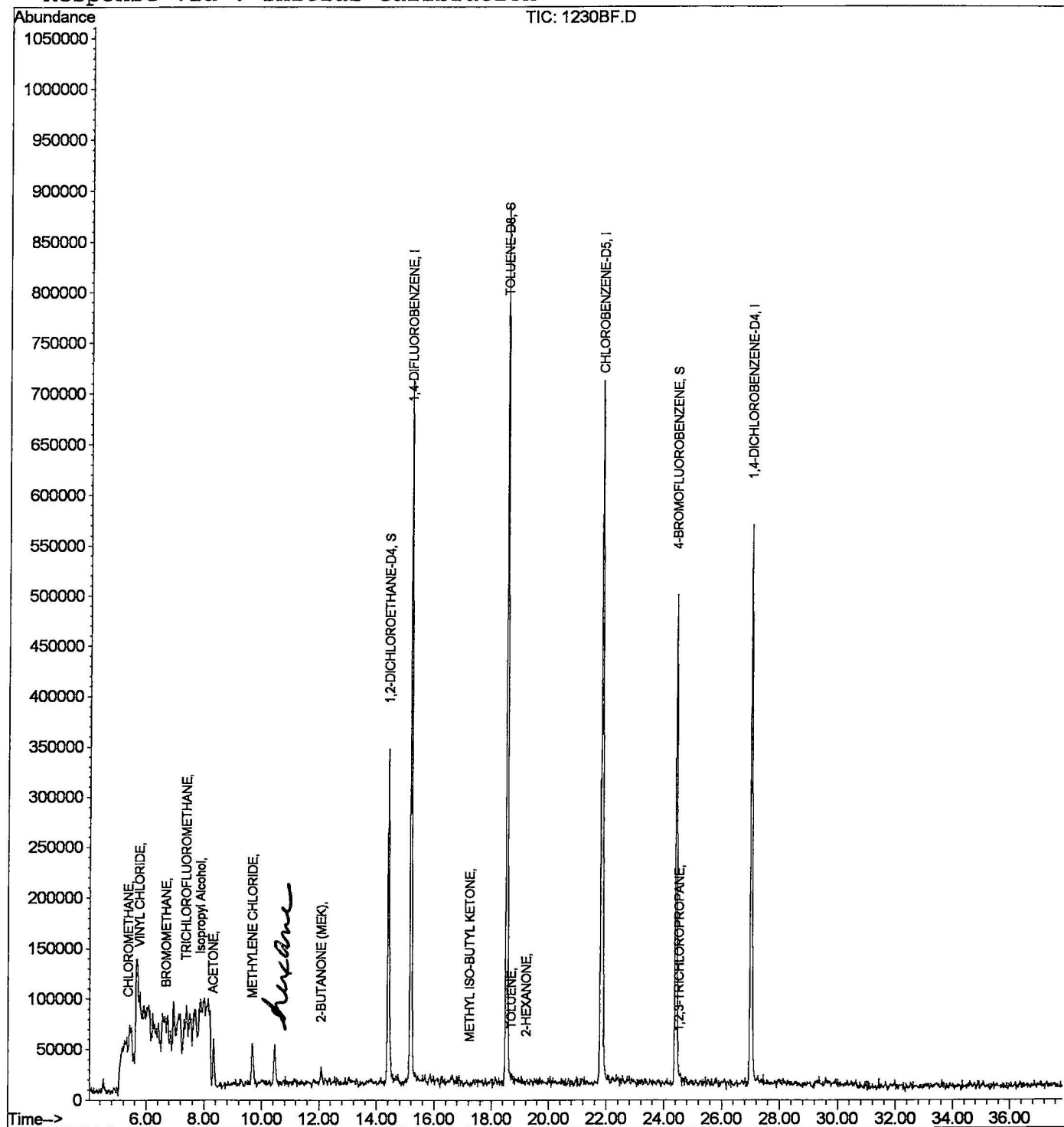
Page 1

Data File : C:\HPCHEM\1\DATA\02JAN24\1230BF.D
Acq On : 24 Jan 2002 11:49 pm
Sample : nyc 524 field bl
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:03 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1230BF.D
 Acq On : 24 Jan 2002 11:49 pm
 Sample : nyc 524 field bl
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P

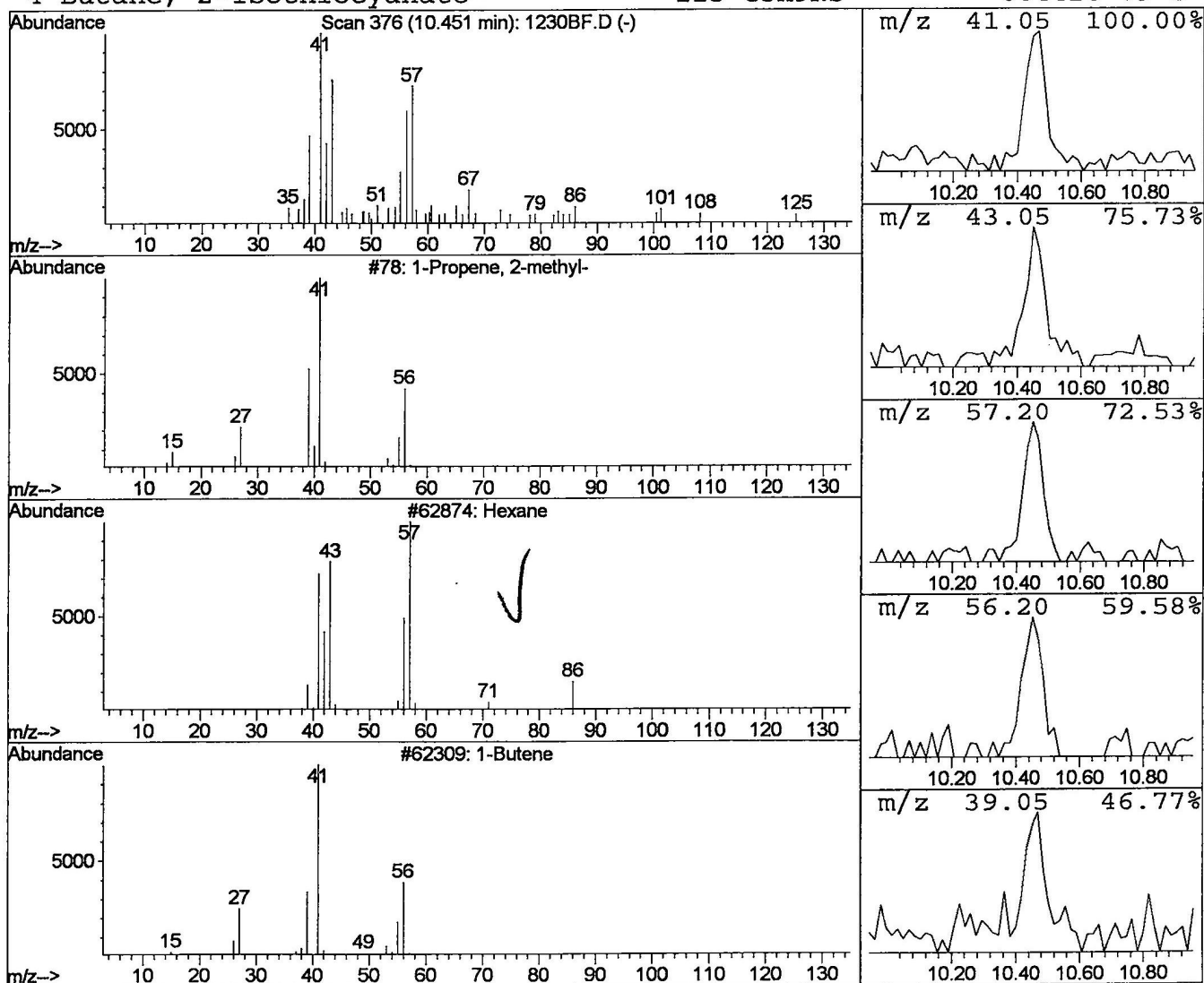
Vial: 9
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 1-Propene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	0.41 ug/L	202679	1,4-DIFLUOROBENZENE	15.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methyl-	56	C4H8	000115-11-7	38
2			Hexane	86	C6H14	000110-54-3	35
3			1-Butene	56	C4H8	000106-98-9	32
4			Butane, 2-isothiocyanato-	115	C5H9NS	004426-79-3	25



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 02/01/2002 Time: 10:47:10

Sample: AE01230
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 01/25/02 00:02 Ended: 01/25/02 00:02 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZE		3.9	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.6	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethan		< 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-Dibromochloromethan		< 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 AY
 DATE 2/1/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/01/2002 Time: 10:47:10

Sample: AE01230
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 01/25/02 00:02 Ended: 01/25/02 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-Isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< 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

Data File : C:\HPCHEM\1\DATA\02JAN24\1230.D
 Acq On : 25 Jan 2002 12:32 am
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 28 11:00 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Jan 25 14:13:49 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	852057	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	694033	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.02	152	292726	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	560698	5.07	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	101.40%	
3) 4-BROMOFLUOROBENZENE	24.42	174	225796	3.91	ug/L	0.00
Spiked Amount 5.000			Recovery	=	78.20%	
25) TOLUENE-D8	18.54	98	1027138	5.56	ug/L	0.00
Spiked Amount 5.000			Recovery	=	111.20%	
Target Compounds						
5) CHLOROMETHANE	5.62	50	9491	0.23	ug/L	88
7) BROMOMETHANE	6.66	94	1833	0.07	ug/L	76
8) CHLOROETHANE	6.80	64	3195	0.13	ug/L	98
10) Isopropyl Alcohol	7.94	45	2649	2.88	ug/L	77
12) ACETONE	8.32	43	63553	5.75	ug/L	94
14) METHYLENE CHLORIDE	9.68	49	39274	0.50	ug/L	90
18) 2-BUTANONE (MEK)	12.07	43	36798	2.27	ug/L	71
22) BROMOCHLOROMETHANE	13.38	49	3262	0.08	ug/L	93
35) METHYL ISO-BUTYL KETONE	17.54	58	1766	0.25	ug/L	45
46) 2-HEXANONE	19.21	43	3046	0.20	ug/L	67

(#) = qualifier out of range (m) = manual integration
 1230.D HP010702.M Mon Jan 28 11:00:40 2002

Page 1

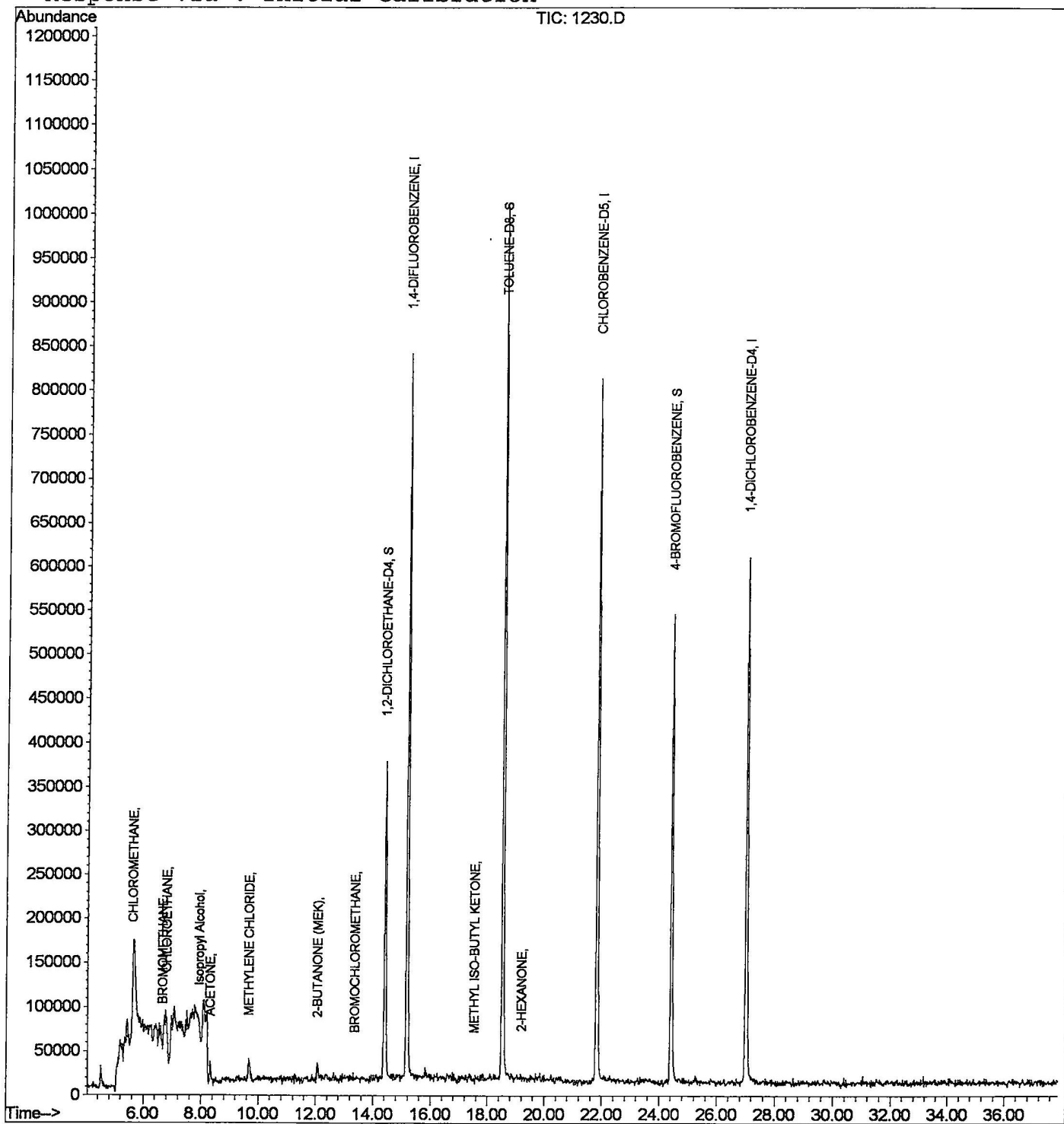
QUANTITATION REPORT

Data File : C:\HPCHEM\1\DATA\02JAN24\1230.D
Acq On : 25 Jan 2002 12:32 am
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:00 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 02/01/2002 Time: 10:49:33

Sample: AE01231
 Analysis: S524 Volatile Organic Compounds
 Units: ug
 Started: 01/25/02 00:01 Ended: 01/25/02 00:01 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.1	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.7	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-Bromodichloromethan		< 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-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
 DATE 2/1/02

User: Vannelli, Sandy

Westchester Dept. of Labs & Research

Date: 02/01/2002 Time: 10:49:33

Sample: AE01231

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 01/25/02 00:01 Ended: 01/25/02 00:01 Analyst: BH

Result source: manual entry

Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-Isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		< 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

Data File : C:\HPCHEM\1\DATA\02JAN24\1231.D
Acq On : 25 Jan 2002 1:15 am
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:05 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	885704	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	701147	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.02	152	306291	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	585492	5.09	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	101.80%	
3) 4-BROMOFLUOROBENZENE	24.41	174	248317	4.14	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	82.80%	
25) TOLUENE-D8	18.54	98	1056093	5.65	ug/L	0.00
Spiked Amount 5.000			Recovery	=	113.00%	
Target Compounds						Qvalue
6) VINYL CHLORIDE	5.69	62	6047	0.17	ug/L	83
7) BROMOMETHANE	6.58	94	5263	0.19	ug/L	79
10) Isopropyl Alcohol	8.20	45	3953	4.13	ug/L	84
12) ACETONE	8.31	43	70753	6.16	ug/L	96
14) METHYLENE CHLORIDE .51	9.68	49	41424	0.51	ug/L	90
18) 2-BUTANONE (MEK)	12.07	43	48522	2.97	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.39	58	815	0.11	ug/L	20
46) 2-HEXANONE	19.32	43	1405	0.09	ug/L	98

(#) = qualifier out of range (m) = manual integration
1231.D HP010702.M Mon Jan 28 11:06:00 2002

Page 1

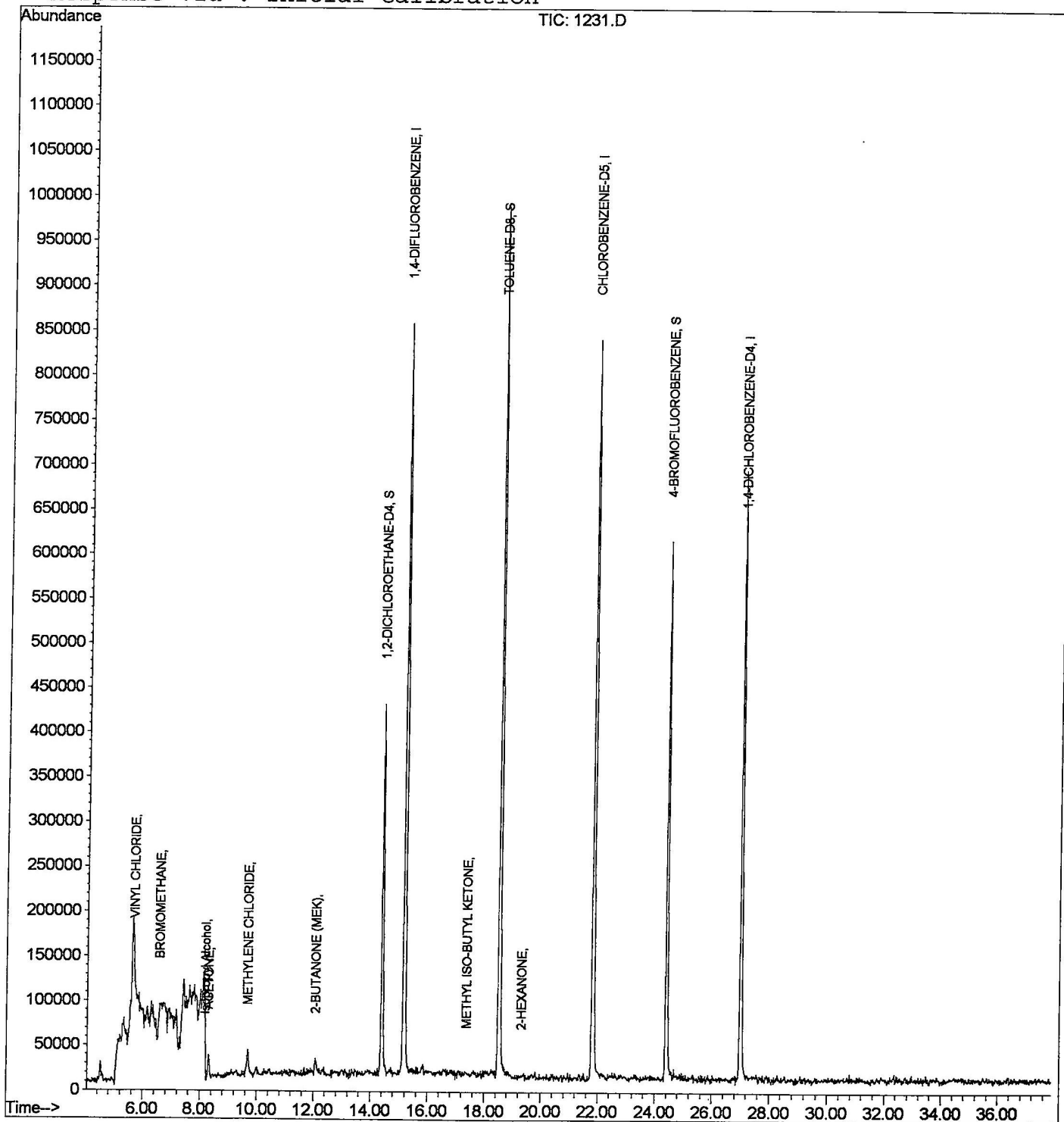
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1231.D
Acq On : 25 Jan 2002 1:15 am
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:05 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



Mon Jan 28 11:06:05 2002

Page 2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 11:36:59

Sample: AE01232
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/25/02 00:01 Ended: 1/25/02 00:01 Analyst: BH
 Result source: a:\1232.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		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		5.3		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 AV
 DATE 2/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 11:36:59

Sample: AE01232
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/25/02 00:01 Ended: 1/25/02 00:01 Analyst: BH
Result source: a:\1232.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

Data File : C:\HPCHEM\1\DATA\02JAN24\1232.D

Vial: 12

Acq On : 25 Jan 2002 1:58 am

Operator: 201-wb

Sample : nyc 524

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 28 11:08 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Jan 25 14:13:49 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	834325	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	700844	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	294413	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	555553	5.13	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	102.60%	
3) 4-BROMOFLUOROBENZENE	24.41	174	229777	4.07	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	81.40%	
25) TOLUENE-D8	18.52	98	994343	5.33	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	106.60%	
Target Compounds						Qvalue
6) VINYL CHLORIDE	5.69	62	4926	0.15	ug/L	97
8) CHLOROETHANE	6.68	64	2666	0.11	ug/L	87
10) Isopropyl Alcohol	7.94	45	7451	8.26	ug/L	88
12) ACETONE	8.31	43	36499	3.37	ug/L	91
14) METHYLENE CHLORIDE	9.68	49	32258	0.42	ug/L	95
18) 2-BUTANONE (MEK)	12.07	43	48395	3.17	ug/L	90
46) 2-HEXANONE	19.22	43	2064	0.13	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.67	110	369	0.06	ug/L	68

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

1232.D HP010702.M Mon Jan 28 11:09:05 2002

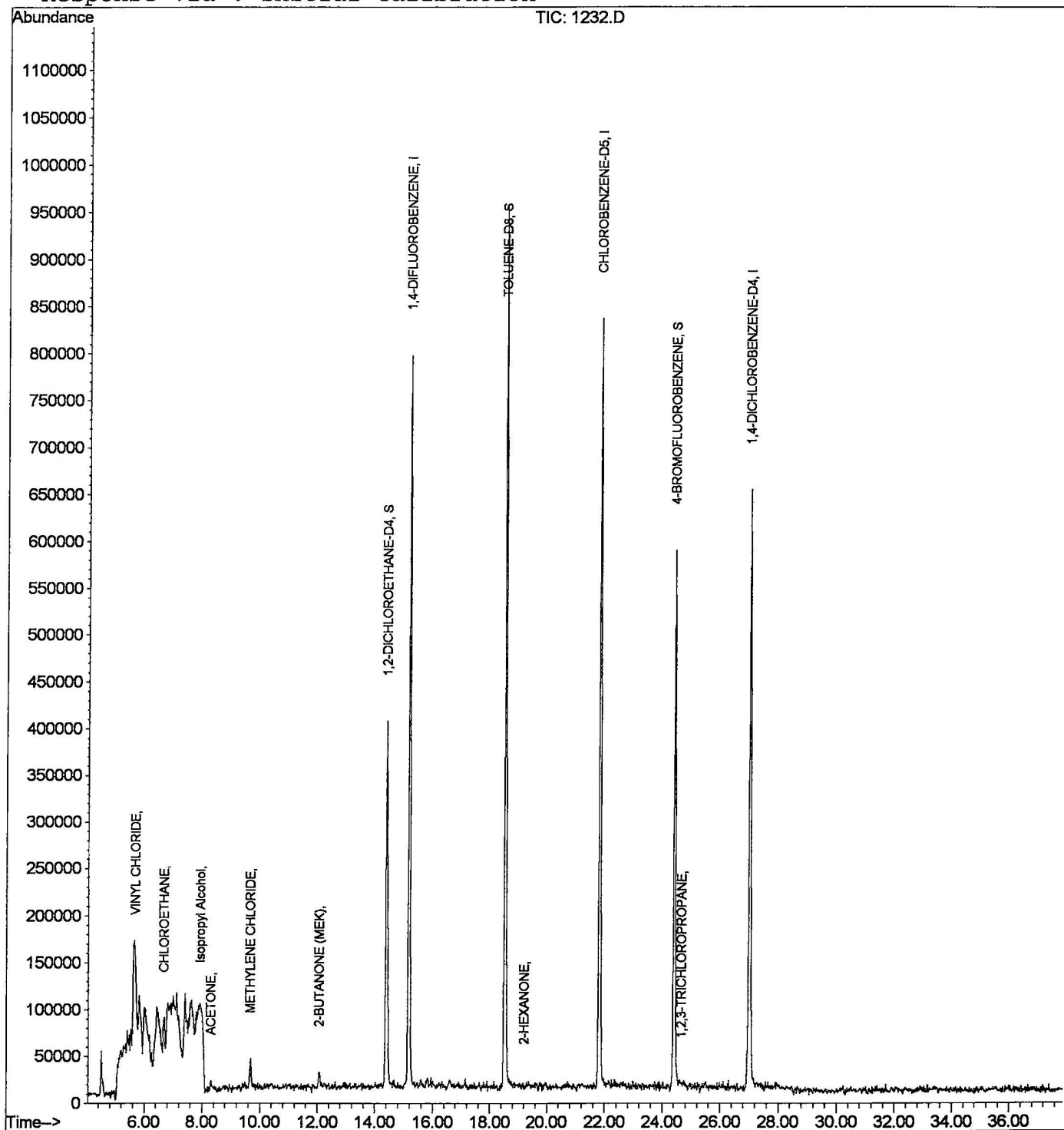
Page 1

Data File : C:\HPCHEM\1\DATA\02JAN24\1232.D
Acq On : 25 Jan 2002 1:58 am
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:08 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 11:38:39

Sample: AE01044
 Analysis: \$C3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 1/25/01 00:02 Ended: 1/25/01 00:02 Analyst: BH
 Result source: a:\0124c10d.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane	USPEC	17		.5
4	Chloromethane		12		.5
5	Vinyl chloride		13		.5
6	Bromomethane		13		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		8.7		.5
10	Methylene Chloride		9.1		.5
11	Methyl tert-butyl ether		8.4		1.0
12	trans-1,2-dichloroethene		9.5		.5
13	1,1-dichloroethane		9.5		.5
14	2-butanone (MEK)		10		2.0
15	2,2-dichloropropane		7.3		.5
16	cis-1,2-dichloroethene		9.6		.5
17	Chloroform		9.3		.5
18	Bromochloromethane		8.9		.5
19	1,2-dichloroethane		9.1		.5
20	Surr_TOLUENE-D8		5.5		.5
21	1,1,1- trichloroethane		9.9		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.9		.5
24	Benzene		11		.5
25	Trichloroethene		9.9		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		9.3		.5
28	Bromodichloromethane		9.5		.5
29	Methyl iso-butyl ketone		8.9		1.0
30	cis-1,3-dichloropropene		9.3		.5
31	Toluene		10		.5
32	trans-1,3-dichloropropene		8.7		.5
33	1,1,2-trichloroethane		9.6		.5
34	Tetrachloroethene		9.5		.5
35	1,3-dichloropropane		9.4		.5
36	Dibromochloromethane		8.3		2.0
37	Chlorobenzene		9.2		.5
38	1,1,1,2-tetrachloroethane		8.8		.5
39	Ethylbenzene		9.4		.5
40	P & M-xylene		19		.5
41	O-xylene		9.5		.5
42	Styrene		9.4		.5
43	1,1,2,2-tetrachloroethane		8.7		.5
44	Bromoform		8.2		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		8.8		.5
47	N-propylbenzene		9.7		.5
48	Bromobenzene		9.0		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 11:38:39

Sample: AE01044
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/25/01 00:02 Ended: 1/25/01 00:02 Analyst: BH
Result source: a:\0124c10d.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		9.4		.5
51	4-chlorotoluene		9.9		.5
52	TERT-butylbenzene		9.8		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		9.7		.5
55	P-isopropyltoluene		9.6		.5
56	1,3-dichlorobenzene		9.0		.5
57	1,4-dichlorobenzene		9.3		.5
58	N-butylbenzene		9.5		.5
59	1,2-dichlorobenzene		8.8		.5
60	1,2,4-trichlorobenzene		8.2		.5
61	Hexachlobutadiene		8.4		.5
62	Naphthalene		7.3		.5
63	1,2,3-trichlorobenzene		8.1		.5
64	Nitrobenzene	LSPEC	130		5.0

not reported

Data File : C:\HPCHEM\1\DATA\02JAN24\0124C10D.D

Vial: 13

Acq On : 25 Jan 2002 2:42 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 25 14:14 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Jan 25 14:13:49 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	929219	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	760073	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	365248	5.00	ug/L	-0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.41	65	609467	5.05	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	101.00%	
3) 4-BROMOFLUOROBENZENE	24.41	174	287928	4.57	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	91.40%	
25) TOLUENE-D8	18.52	98	1111616	5.49	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	109.80%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.90	85	676568	16.61	ug/L	99
5) CHLOROMETHANE	5.54	50	547799	12.11	ug/L	93
6) VINYL CHLORIDE	5.62	62	470262	12.59	ug/L	97
7) BROMOMETHANE	6.65	94	376174	12.73	ug/L	92
8) CHLOROETHANE	6.78	64	304003	11.62	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.33	101	910653	12.35	ug/L	97
10) Isopropyl Alcohol	7.98	45	2236	2.23	ug/L	81
11) 1,1,2-Trichloro-1,2,2-trif	8.24	101	427753	8.77	ug/L	98
12) ACETONE	8.33	43	116451	9.66	ug/L	97
13) 1,1-DICHLOROETHENE	8.67	61	644818	8.73	ug/L	99
14) METHYLENE CHLORIDE	9.68	49	776490	9.08	ug/L	99
15) METHYL TERT BUTYL ETHER	9.98	73	418641	8.38	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.35	61	694786	9.50	ug/L	98
17) 1,1-DICHLOROETHANE	11.23	63	759203	9.45	ug/L	99
18) 2-BUTANONE (MEK)	12.07	43	159901	10.10	ug/L	97
19) 2,2-DICHLOROPROPANE	12.45	77	407910	7.26	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.54	96	389753	9.56	ug/L	98
21) CHLOROFORM	12.89	83	851026	9.27	ug/L	97
22) BROMOCHLOROMETHANE	13.26	49	414122	8.94	ug/L	92
23) 1,2-DICHLOROETHANE	14.60	62	691399	9.07	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.78	97	686089	9.90	ug/L	96
27) 1,1-DICHLOROPROPENE	14.11	75	549592	10.23	ug/L	98
28) CARBON TETRACHLORIDE	14.37	117	690267	9.91	ug/L	98
29) BENZENE	14.70	78	1487483	10.68	ug/L	98
30) TRICHLOROETHENE	15.97	95	424012	9.92	ug/L	98
31) 1,2-DICHLOROPROPANE	16.34	63	402158	10.05	ug/L	99
32) DIBROMOMETHANE	17.00	174	164255	9.29	ug/L	94
33) BROMODICHLOROMETHANE	16.85	83	564813	9.55	ug/L	99

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

0124C10D.D HP010702.M

Fri Jan 25 14:15:09 2002

Page 1

Data File : C:\HPCHEM\1\DATA\02JAN24\0124C10D.D

Vial: 13

Acq On : 25 Jan 2002 2:42 am

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 25 14:14 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Jan 25 14:13:49 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.33	63	114716	9.12	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.40	58	68126	8.86	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.94	75	423309	9.27	ug/L	97
37) TOLUENE	18.69	91	1366112	10.20	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.97	75	303787	8.73	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.35	97	223301	9.60	ug/L	98
40) TETRACHLOROETHENE	20.14	166	343434	9.52	ug/L	95
41) 1,3-DICHLOROPROPANE	19.89	76	422953	9.39	ug/L	99
42) DIBROMOCHLOROMETHANE	20.57	129	262302	8.27	ug/L	99
43) 1,2-DIBROMOETHANE	21.03	107	192817	8.27	ug/L	98
44) CHLOROBENZENE	21.92	112	826505	9.17	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.95	131	298317	8.80	ug/L	98
46) 2-HEXANONE	19.25	43	138533	8.11	ug/L	91
47) ETHYLBENZENE	21.95	91	1569646	9.37	ug/L	98
48) P & M-XYLENE	22.11	106	1058008	19.02	ug/L	99
49) O-XYLENE	23.08	91	1204974	9.46	ug/L	98
50) STYRENE	23.14	104	766550	9.44	ug/L	95
51) 1,1,2,2-TETRACHLOROETHANE	24.16	83	221924	8.73	ug/L	96
53) BROMOFORM	24.01	173	115511	8.15	ug/L	95
54) ISOPROPYLBENZENE	23.80	105	1268509	10.10	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.50	110	69416	8.80	ug/L	99
56) N-PROPYLBENZENE	24.67	91	1699028	9.69	ug/L	99
57) BROMOBENZENE	24.93	156	299238	8.99	ug/L	94
58) 1,3,5-TRIMETHYLBENZENE	24.98	105	1180555	9.96	ug/L	97
59) 2-CHLOROTOLUENE	25.16	91	1154189	9.41	ug/L	97
60) 4-CHLOROTOLUENE	25.23	91	1113710	9.88	ug/L	98
61) TERT-BUTYLBENZENE	25.78	119	993060	9.79	ug/L	98
62) 1,2,4-TRIMETHYLBENZENE	25.87	105	1225314	10.04	ug/L	97
63) SEC-BUTYLBENZENE	26.24	105	1318934	9.74	ug/L	97
64) P-ISOPROPYLTOLUENE	26.50	119	979673	9.58	ug/L	97
65) 1,3-DICHLOROBENZENE	26.86	146	531383	9.03	ug/L	99
66) 1,4-DICHLOROBENZENE	27.07	146	559413	9.26	ug/L	97
67) N-BUTYLBENZENE	27.39	91	1116775	9.53	ug/L	98
68) 1,2-DICHLOROBENZENE	27.93	146	455322	8.79	ug/L	93
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.72	157	19705	7.72	ug/L	99
70) 1,2,4-TRICHLOROBENZENE	32.04	180	257609	8.20	ug/L	98
71) HEXACHLOROBTADIENE	32.34	225	187191	8.43	ug/L	95
72) NAPHTHALENE	32.88	128	276384	7.27	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.59	180	220055	8.15	ug/L	95
74) NITROBENZENE	29.93	77	112373	127.52	ug/L	97

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

0124C10D.D HP010702.M

Fri Jan 25 14:15:11 2002

Page 2

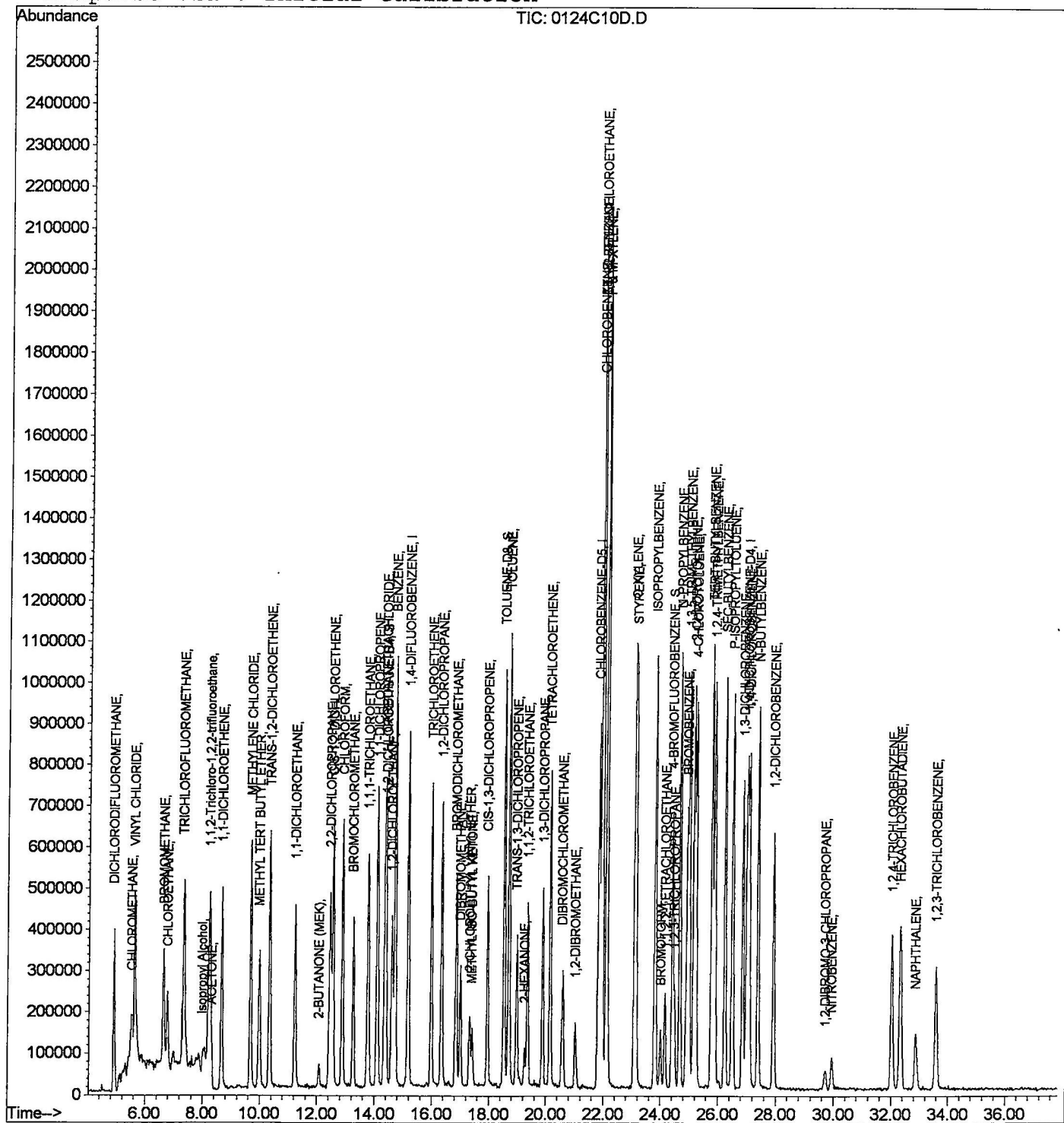
QUANTITATION REPORT

Data File : C:\HPCHEM\1\DATA\02JAN24\0124C10D.D
Acq On : 25 Jan 2002 2:42 am
Sample : cal 10
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 25 14:14 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 11:43:22

Sample: AE01403
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 1/25/02 00:03 Ended: 1/25/02 00:03 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.0		.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		0.54		.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)		3.1		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 10.25
IPA 7.95
MeCl₂ 0.54
MEK 3.13

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 11:43:22

Sample: AE01403
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 1/25/02 00:03 Ended: 1/25/02 00:03 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	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Data File : C:\HPCHEM\1\DATA\02JAN24\1403FB.D
 Acq On : 25 Jan 2002 3:25 am
 Sample : nyc 524 field bl
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 28 11:15 2002

Vial: 14
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Jan 25 14:13:49 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	897135	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	756506	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	316592	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	584249	5.02	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	100.40%	
3) 4-BROMOFLUOROBENZENE	24.41	174	246290	4.05	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	81.00%	
25) TOLUENE-D8	18.52	98	1066994	5.29	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	105.80%	
Target Compounds						Qvalue
5) CHLOROMETHANE	5.52	50	3481	0.08	ug/L	86
6) VINYL CHLORIDE	5.55	62	4135	0.11	ug/L	93
7) BROMOMETHANE	6.63	94	5207	0.18	ug/L	62
8) CHLOROETHANE	6.58	64	2962	0.12	ug/L	78
10) Isopropyl Alcohol	7.98	45	7712	7.95	ug/L	94
11) 1,1,2-Trichloro-1,2,2-trif	7.87	101	2719	0.06	ug/L	95
12) ACETONE	8.31	43	119292	10.25	ug/L	100
14) METHYLENE CHLORIDE	9.67	49	44271	0.54	ug/L	93
15) METHYL TERT BUTYL ETHER	9.95	73	7373	0.15	ug/L	88
18) 2-BUTANONE (MEK)	12.07	43	51420	3.13	ug/L	90
37) TOLUENE	18.69	91	8370	0.06	ug/L	84
46) 2-HEXANONE	19.23	43	3022	0.18	ug/L	78

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

1403FB.D HP010702.M Mon Jan 28 11:15:18 2002

Page 1

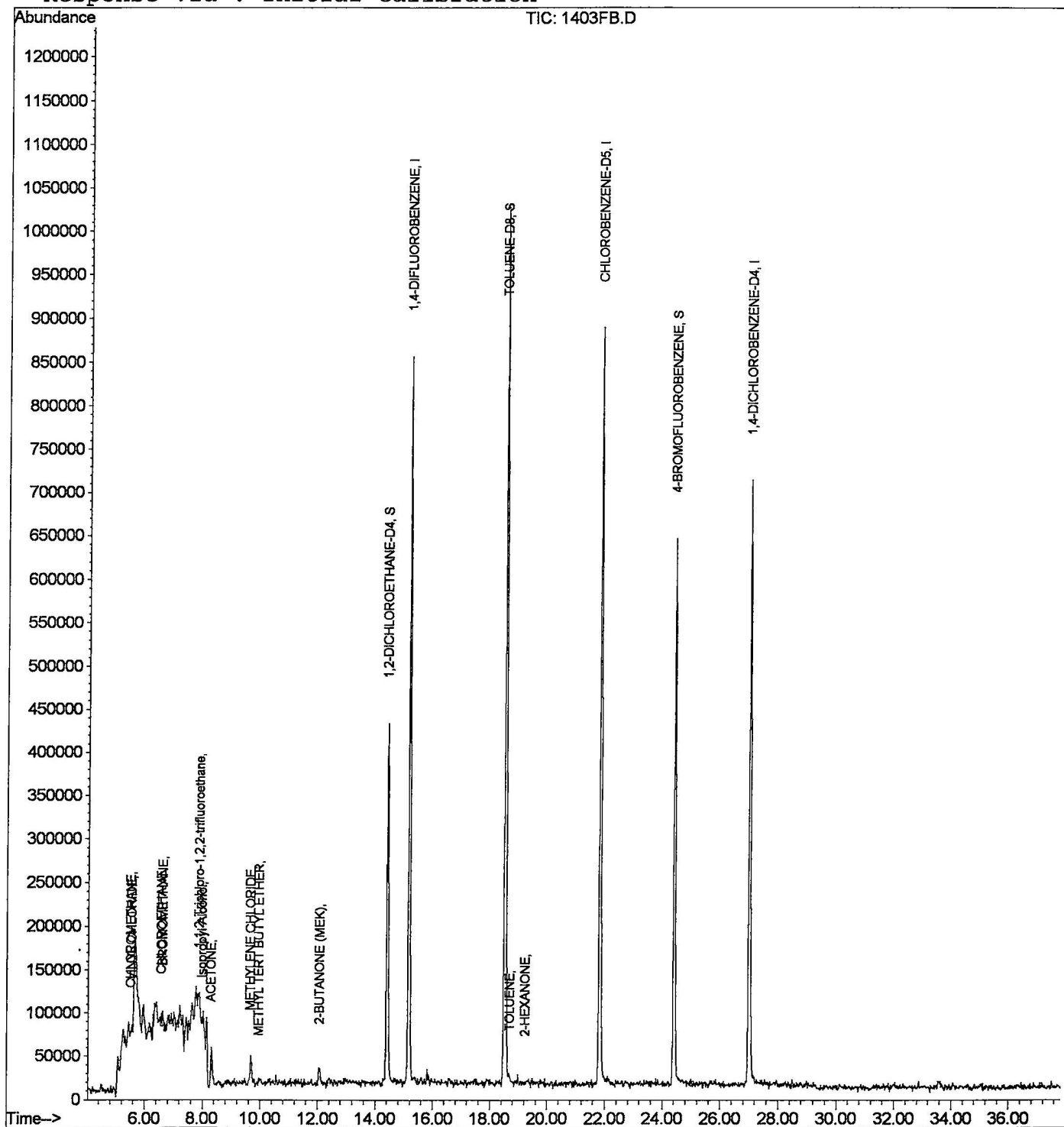
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1403FB.D
Acq On : 25 Jan 2002 3:25 am
Sample : nyc 524 field bl
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:15 2002

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02JAN24\1403FB.D

Acq On : 25 Jan 2002 3:25 am

Sample : nyc 524 field bl

Misc : January 24, 2002

MS Integration Params: LSCINT.P

Vial: 14

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

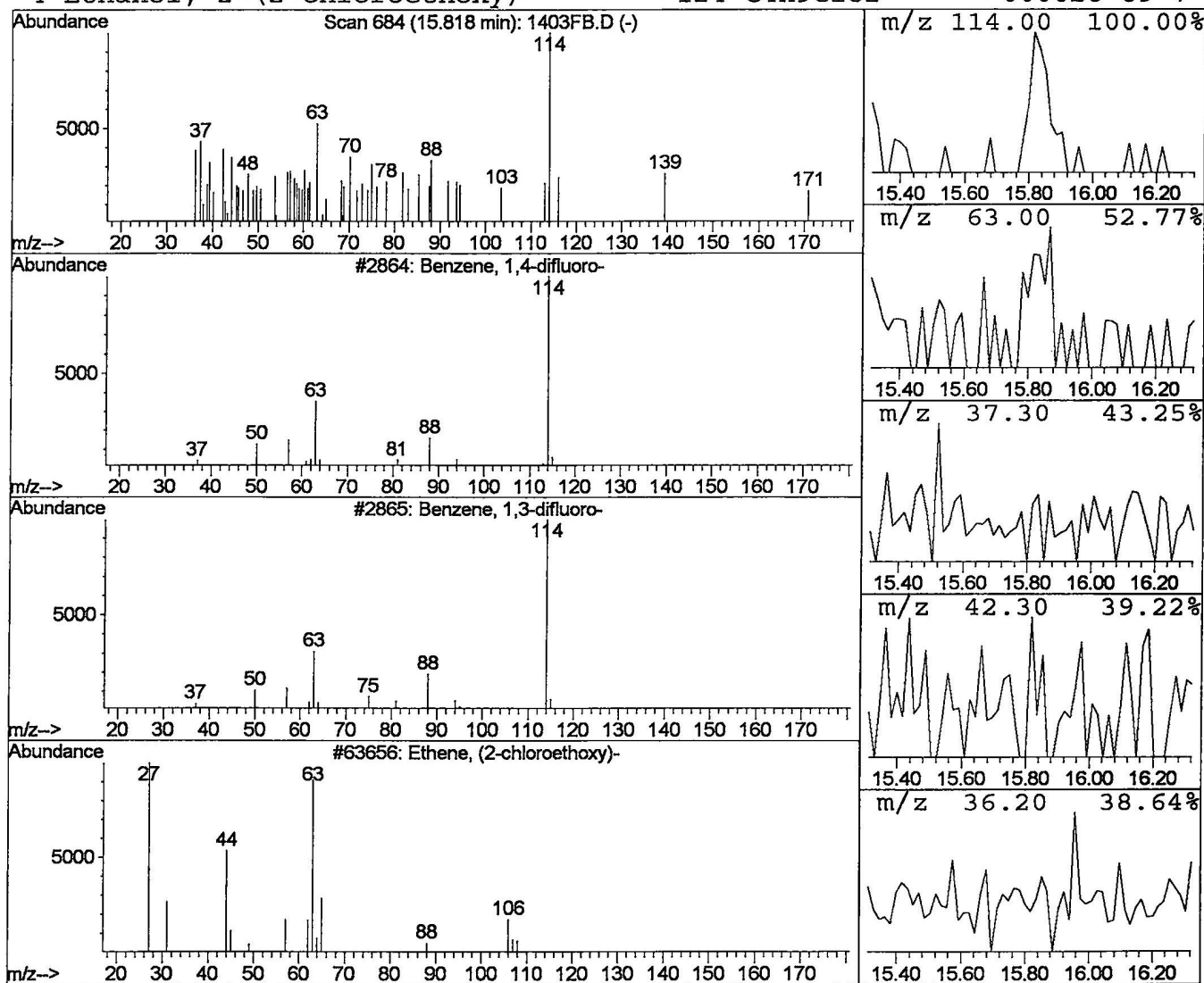
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.07 ug/L	43288	1,4-DIFLUOROBENZENE	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	16
2			Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	9
3			Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	9
4			Ethanol, 2-(2-chloroethoxy)-	124	C4H9ClO2	000628-89-7	9



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 11:44:52

Sample: AE01403
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/25/02 00:04 Ended: 1/25/02 00:04 Analyst: BH
 Result source: a:\1403.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (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		5.6		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-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 2/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 11:44:52

Sample: AE01403
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/25/02 00:04 Ended: 1/25/02 00:04 Analyst: BH
Result source: a:\1403.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

Data File : C:\HPCHEM\1\DATA\02JAN24\1403.D
 Acq On : 25 Jan 2002 4:08 am
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 28 11:12 2002

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

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Jan 25 14:13:49 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	859218	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	687979	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	285392	5.00	ug/L	-0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.41	65	564849	5.06	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	101.20%	
3) 4-BROMOFLUOROBENZENE	24.41	174	225500	3.87	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	77.40%	
25) TOLUENE-D8	18.52	98	1028576	5.61	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	112.20%	

Target Compounds

						Qvalue
5) CHLOROMETHANE	5.49	50	2143	0.05	ug/L	98
7) BROMOMETHANE	6.62	94	5656	0.21	ug/L	79
9) TRICHLOROFLUOROMETHANE	7.32	101	6466	0.09	ug/L	73
10) Isopropyl Alcohol	8.01	45	1406	1.51	ug/L	71
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	2302	0.05	ug/L	80
12) ACETONE	8.31	43	38994	3.50	ug/L	92
14) METHYLENE CHLORIDE .47	9.67	49	37459	0.47	ug/L	88
18) 2-BUTANONE (MEK)	12.07	43	48715	3.09	ug/L	89
35) METHYL ISO-BUTYL KETONE	17.21	58	468	0.07	ug/L	39
46) 2-HEXANONE	19.34	43	2053	0.13	ug/L	79
55) 1,2,3-TRICHLOROPROPANE	24.32	110	416	0.07	ug/L	71

(#) = qualifier out of range (m) = manual integration
 1403.D HP010702.M Mon Jan 28 11:12:21 2002

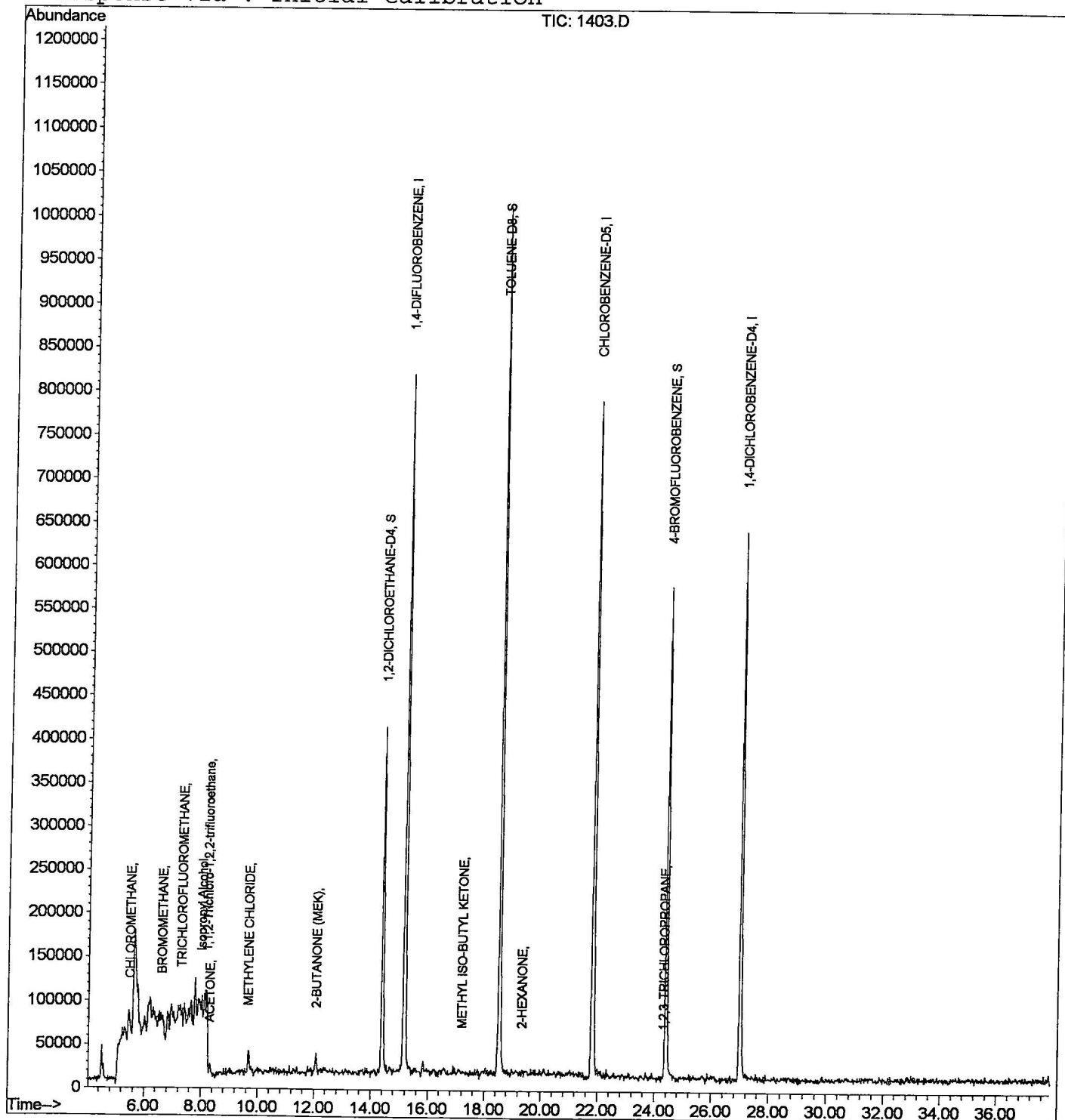
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1403.D
Acq On : 25 Jan 2002 4:08 am
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:12 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



Mon Jan 28 11:12:25 2002

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1403.D
 Acq On : 25 Jan 2002 4:08 am
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P

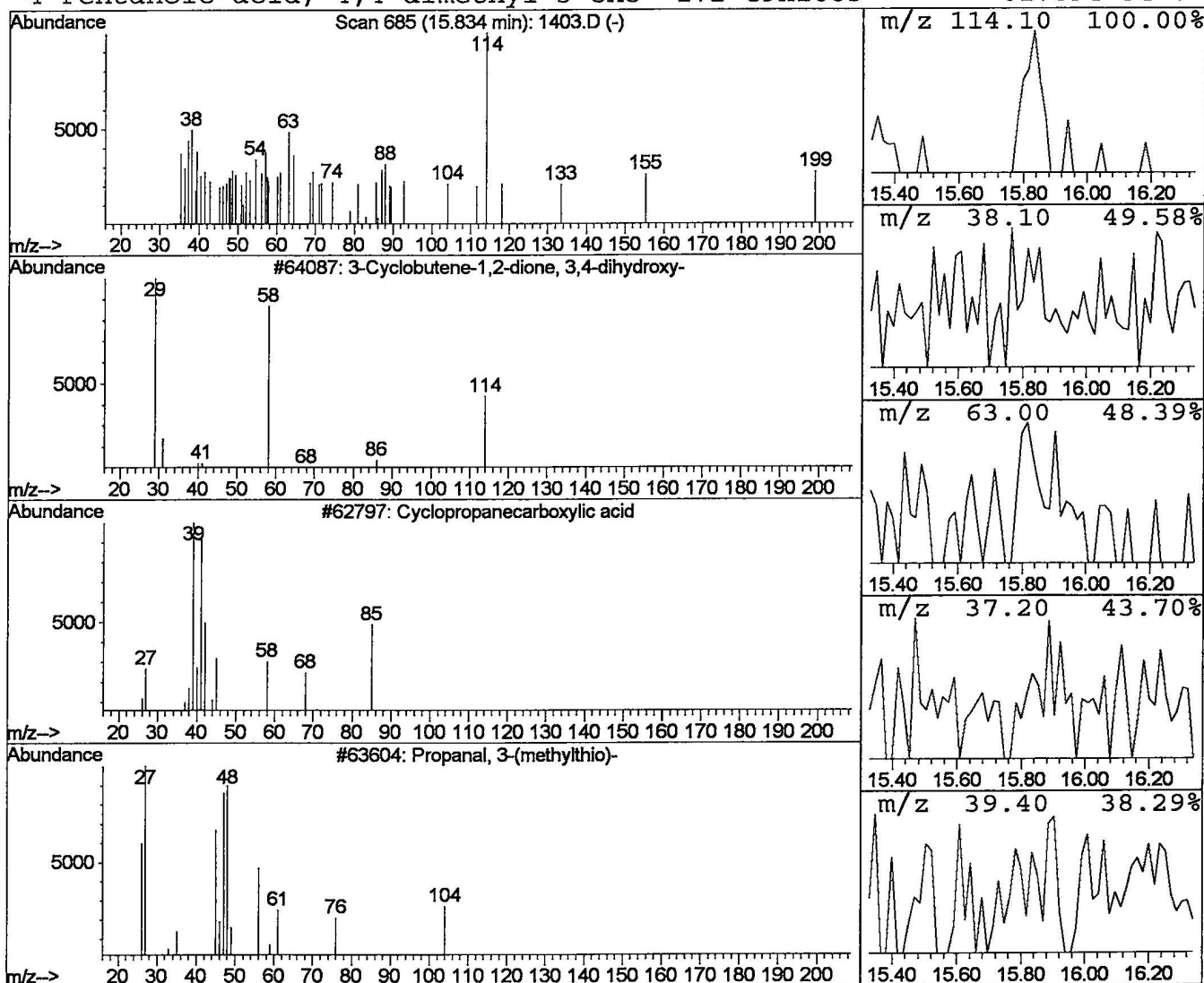
Vial: 15
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	0.13 ug/L	72197	1,4-DIFLUOROBENZENE	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	74
2			Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
3			Propanal, 3-(methylthio)-	104	C4H8OS	003268-49-3	64
4			Pentanoic acid, 4,4-dimethyl-3-oxo-	172	C9H16O3	017094-34-7	64



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/29/2002 Time: 11:45:48

Sample: AE01404
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/25/02 00:04 Ended: 1/25/02 00:04 Analyst: BH
 Result source: a:\1404.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.8		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		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 2/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/29/2002 Time: 11:45:48

Sample: AE01404
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/25/02 00:04 Ended: 1/25/02 00:04 Analyst: BH
Result source: a:\1404.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

Data File : C:\HPCHEM\1\DATA\02JAN24\1404.D
 Acq On : 25 Jan 2002 4:51 am
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 28 11:18 2002

Vial: 16
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Jan 25 14:13:49 2002
 Response via : Initial Calibration
 DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	880401	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.83	117	708518	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	27.00	152	290472	5.00	ug/L	-0.02

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.41	65	598409	5.24	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	104.80%	
3) 4-BROMOFLUOROBENZENE	24.41	174	229304	3.84	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	76.80%	
25) TOLUENE-D8	18.52	98	983622	5.21	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	104.20%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
6) VINYL CHLORIDE	5.67	62	6010	0.17	ug/L	99
7) BROMOMETHANE	6.64	94	3103	0.11	ug/L	52
9) TRICHLOROFLUOROMETHANE	7.23	101	5322	0.08	ug/L	75
10) Isopropyl Alcohol	7.98	45	4544	4.77	ug/L	75
11) 1,1,2-Trichloro-1,2,2-trif	8.10	101	2995	0.06	ug/L	64
12) ACETONE	8.31	43	95686	8.38	ug/L	96
14) METHYLENE CHLORIDE .47	9.67	49	38258	0.47	ug/L	95
18) 2-BUTANONE (MEK)	12.05	43	51292	3.19	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.21	58	1340	0.19	ug/L	34
46) 2-HEXANONE	19.25	43	2927	0.18	ug/L	36

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

1404.D HP010702.M Mon Jan 28 11:18:31 2002

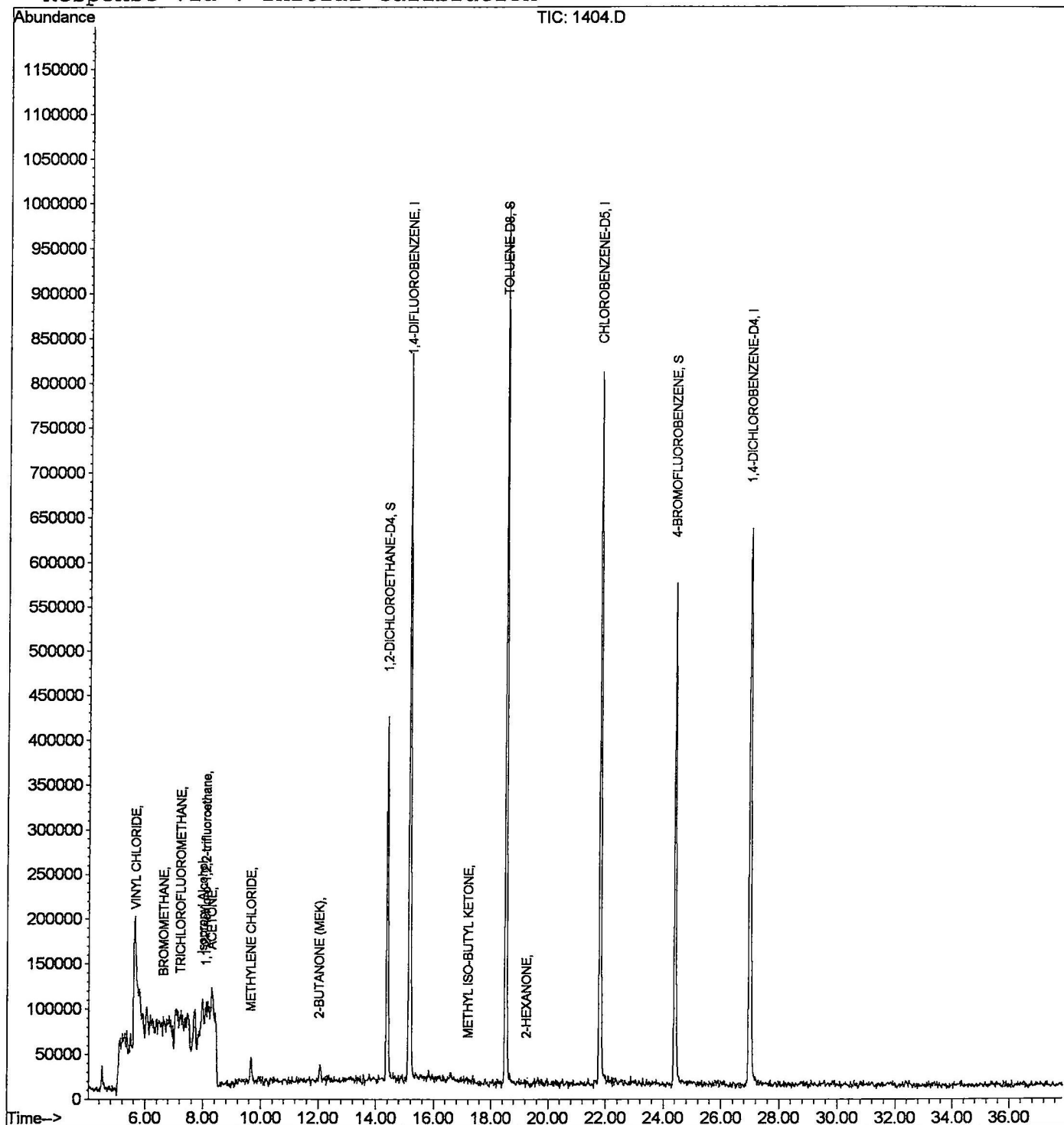
Page 1

Data File : C:\HPCHEM\1\DATA\02JAN24\1404.D
Acq On : 25 Jan 2002 4:51 am
Sample : nyc 524
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 11:18 2002

Vial: 16
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 02/01/2002 Time: 11:23:05

Sample: AE01405
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 01/25/20 00:05 Ended: 01/25/20 00:05 Analyst: BH
 Result source: a:\1405.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.0	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AV
 DATE 2/1/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/01/2002 Time: 11:23:05

Sample: AE01405
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 01/25/20 00:05 Ended: 01/25/20 00:05 Analyst: BH
Result source: a:\1405.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN24\1405.D

Vial: 17

Acq On : 25 Jan 2002 5:34 am

Operator: 201-wb

Sample : nyc 524

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 28 11:21 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Jan 25 14:13:49 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.16	114	843255	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	722920	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	27.01	152	284334	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	562990	5.14	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	102.80%	
3) 4-BROMOFLUOROBENZENE	24.41	174	226718	3.97	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	79.40%	
25) TOLUENE-D8	18.52	98	1015161	5.27	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	105.40%	
Target Compounds						
5) CHLOROMETHANE	5.72	50	2604	0.06	ug/L	81
6) VINYL CHLORIDE	5.60	62	3768	0.11	ug/L	83
7) BROMOMETHANE	6.66	94	4107	0.15	ug/L	80
8) CHLOROETHANE	6.73	64	2725	0.11	ug/L	97
10) Isopropyl Alcohol	7.98	45	3577	3.92	ug/L	81
12) ACETONE	8.31	43	94319	8.63	ug/L	95
14) METHYLENE CHLORIDE .55	9.67	49	42997	0.55	ug/L	90
18) 2-BUTANONE (MEK)	12.05	43	48900	3.17	ug/L	95
46) 2-HEXANONE	19.27	43	3038	0.19	ug/L	75

lab cont-----
(#) = qualifier out of range (m) = manual integration

1405.D HP010702.M Mon Jan 28 11:21:56 2002

Page 1

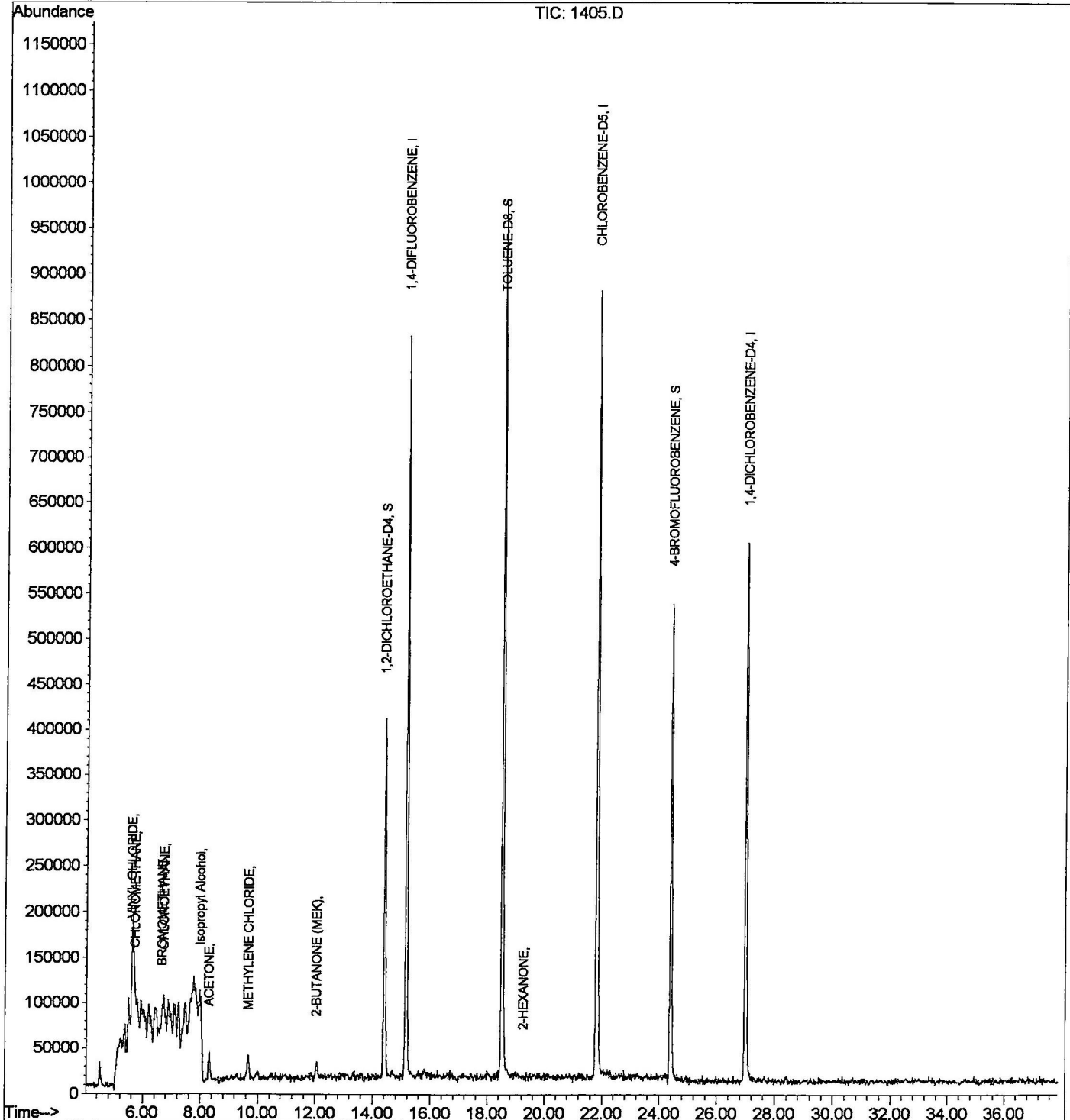
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1405.D
 Acq On : 25 Jan 2002 5:34 am
 Sample : nyc 524
 Misc : January 24, 2002
 MS Integration Params: LSCINT.P
 Quant Time: Jan 28 11:21 2002

Vial: 17
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri Jan 25 14:13:49 2002
 Response via : Initial Calibration



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 02/01/2002 Time: 11:34:42

Sample: AE01044
 Analysis: SD_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 01/25/02 00:06 Ended: 01/25/02 00:06 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.2	.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.3	.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	*THM-Bromodichloromethar		< MDL	.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/01/2002 Time: 11:34:42

Sample: AE01044
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 01/25/02 00:06 Ended: 01/25/02 00:06 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
49	1,3,5-trimethylbenzene		< MDL	.5
50	2-chlorotoluene		< MDL	.5
51	4-chlorotoluene		< MDL	.5
52	TERT-butylbenzene		< MDL	.5
53	1,2,4-trimethylbenzene		< MDL	.5
54	SEC-butylbenzene		< MDL	.5
55	P-isopropyltoluene		< MDL	.5
56	1,3-dichlorobenzene		< MDL	.5
57	1,4-dichlorobenzene		< 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

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 02/01/2002 Time: 11:35:19

Sample: AE01044
 Analysis: \$P_524 Duplicate calculation for 524
 Units: ug
 Started: 01/24/02 00:06 Ended: 01/24/02 00:06 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.40
2	Surr - 4-BROMOFLUOROBENZE		0.0
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.10
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETH/		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETH/		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/01/2002 Time: 11:35:19

Sample: AE01044

Analysis: SP_524 Duplicate calculation for 524

Units: ug

Started: 01/24/02 00:06 Ended: 01/24/02 00:06 Analyst: BH

Result source: calculation

Page: 2

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

Data File : C:\HPCHEM\1\DATA\02JAN24\1044D.D

Vial: 18

Acq On : 25 Jan 2002 6:18 am

Operator: 201-wb

Sample : nyc 524 dup

Inst : GC/MS Ins

Misc : January 24, 2002

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 25 14:36 2002

Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Jan 25 14:13:49 2002

Response via : Initial Calibration

DataAcq Meth : HP010702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	15.16	114	848890	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	721764	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	283145	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	568358	5.16	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	103.20%	
3) 4-BROMOFLUOROBENZENE	24.41	174	239111	4.16	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	83.20%	
25) TOLUENE-D8	18.52	98	1028168	5.35	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	107.00%	
Target Compounds						
5) CHLOROMETHANE	5.44	50	4585	0.11	ug/L	71
7) BROMOMETHANE	6.53	94	3751	0.14	ug/L	64
8) CHLOROETHANE	6.70	64	1640	0.07	ug/L	95
10) Isopropyl Alcohol	7.91	45	4355	4.74	ug/L	96
12) ACETONE	8.31	43	77402	7.03	ug/L	100
14) METHYLENE CHLORIDE ⁵⁴	9.65	49	41966	0.54	ug/L	96
18) 2-BUTANONE (MEK)	12.05	43	47327	3.03	ug/L	99
46) 2-HEXANONE	19.22	43	2876	0.18	ug/L	55

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

1044D.D HP010702.M

Fri Jan 25 14:36:15 2002

Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN24\1044D.D
Acq On : 25 Jan 2002 6:18 am
Sample : nyc 524 dup
Misc : January 24, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 25 14:36 2002

Vial: 18
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Jan 25 14:13:49 2002
Response via : Initial Calibration

