

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 09:59:12

Sample: AD29455
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 12/12/01 00:08 Ended: 12/12/01 00:08 Analyst: BH
 Result source: a:\1212b1.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.1
2	Surr - 4-BROMOFLUOROBENZ		4.7
3	DICHLORODIFLUOROMETHAN		0.33
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		0.091
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		0.39
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		4.9
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		0.063
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		0.063
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

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Page: 2

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:10:21

Sample: AD29459
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/12/01 00:06 Ended: 12/12/01 00:06 Analyst: BH
Result source: a:\29459.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.4		.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1-trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

This sample was run previously and did show the presence of a barely identifiable trace of carbon disulfide (CS₂). The previous run is included here but could not be reported because the calibration standard associated with it failed. This CCV is also included at the end of this batch.

REVIEWED BY *SV*
DATE *12/19/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:10:21

Sample: AD29459
Analysis: §524 Volatile Organic Compounds
Units: ug
Started: 12/12/01 00:06 Ended: 12/12/01 00:06 Analyst: BH
Result source: a:\29459.rr
Page: 2

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

Comments for Sample AD29459 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-19-2001 Time: 13:10:53

CARBON DISULFIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE APPROXIMATE CONCENTRATION IS 0.16 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec12\29459.D
 Acq On : 12 Dec 2001 6:59 pm
 Sample : nyc
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 19:37 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	636532	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	548210	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	232791	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	446590	5.39	ug/L	0.00
Spiked Amount 5.000			Recovery	=	107.80%	
3) 4-BROMOFLUOROBENZENE	24.34	174	199979	4.38	ug/L	0.00
Spiked Amount 5.000			Recovery	=	87.60%	
25) TOLUENE-D8	18.45	98	770581	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery	=	100.00%	
Target Compounds						
6) VINYL CHLORIDE	5.63	62	2647	0.45	ug/L	Qvalue 84
10) Isopropyl Alcohol	7.99	45	6646	9.07	ug/L	81
12) ACETONE	8.26	43	22720	1.91	ug/L	96
18) 2-BUTANONE (MEK)	12.11	43	1271	0.10	ug/L	65
46) 2-HEXANONE	19.18	43	866	0.07	ug/L	37

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

29459.D HP120301.M Wed Dec 12 19:37:46 2001

Page 1

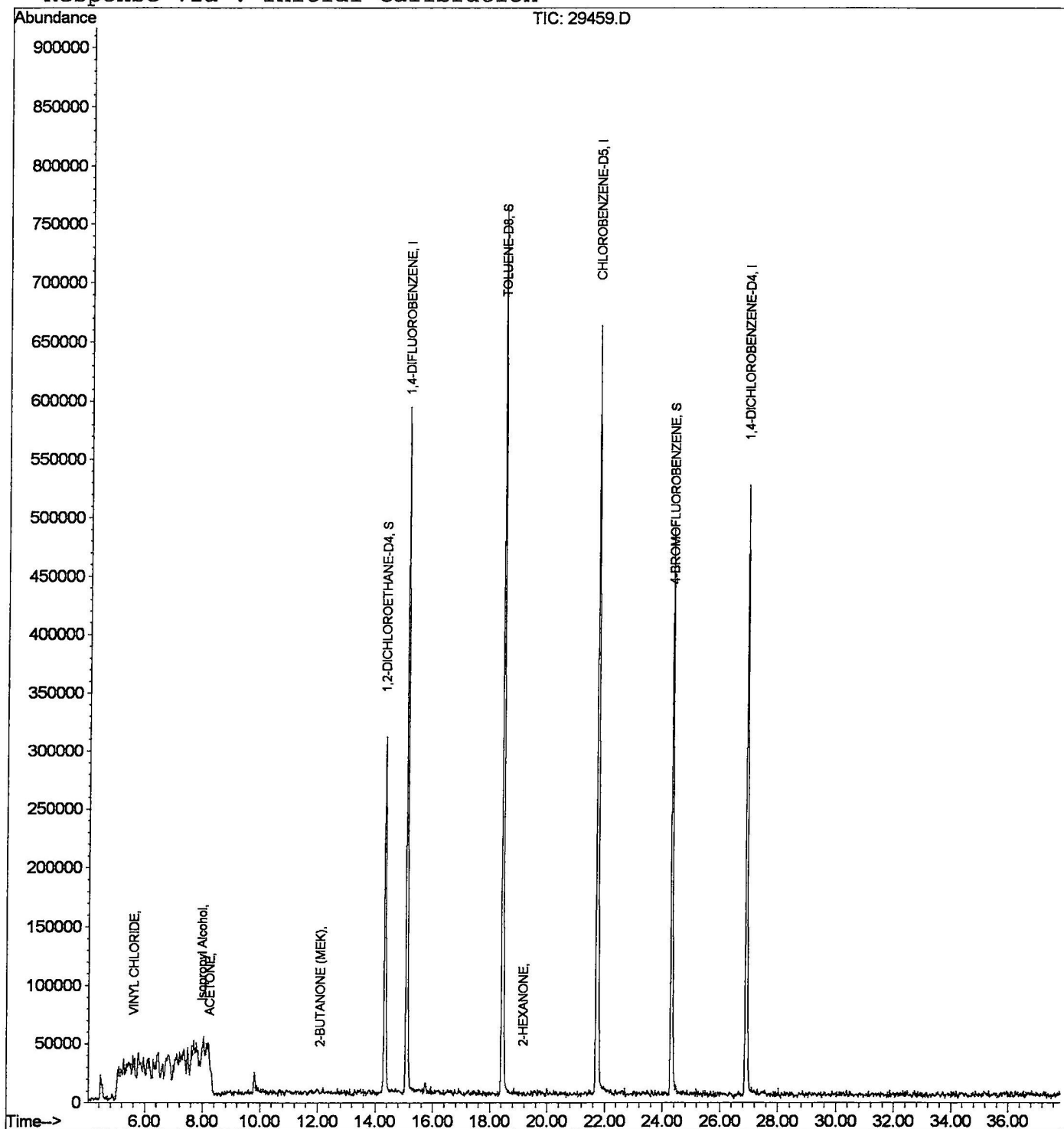
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec12\29459.D
Acq On : 12 Dec 2001 6:59 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 19:37 2001

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

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC12\29459.D
 Acq On : 12 Dec 2001 6:59 pm
 Sample : nyc
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P

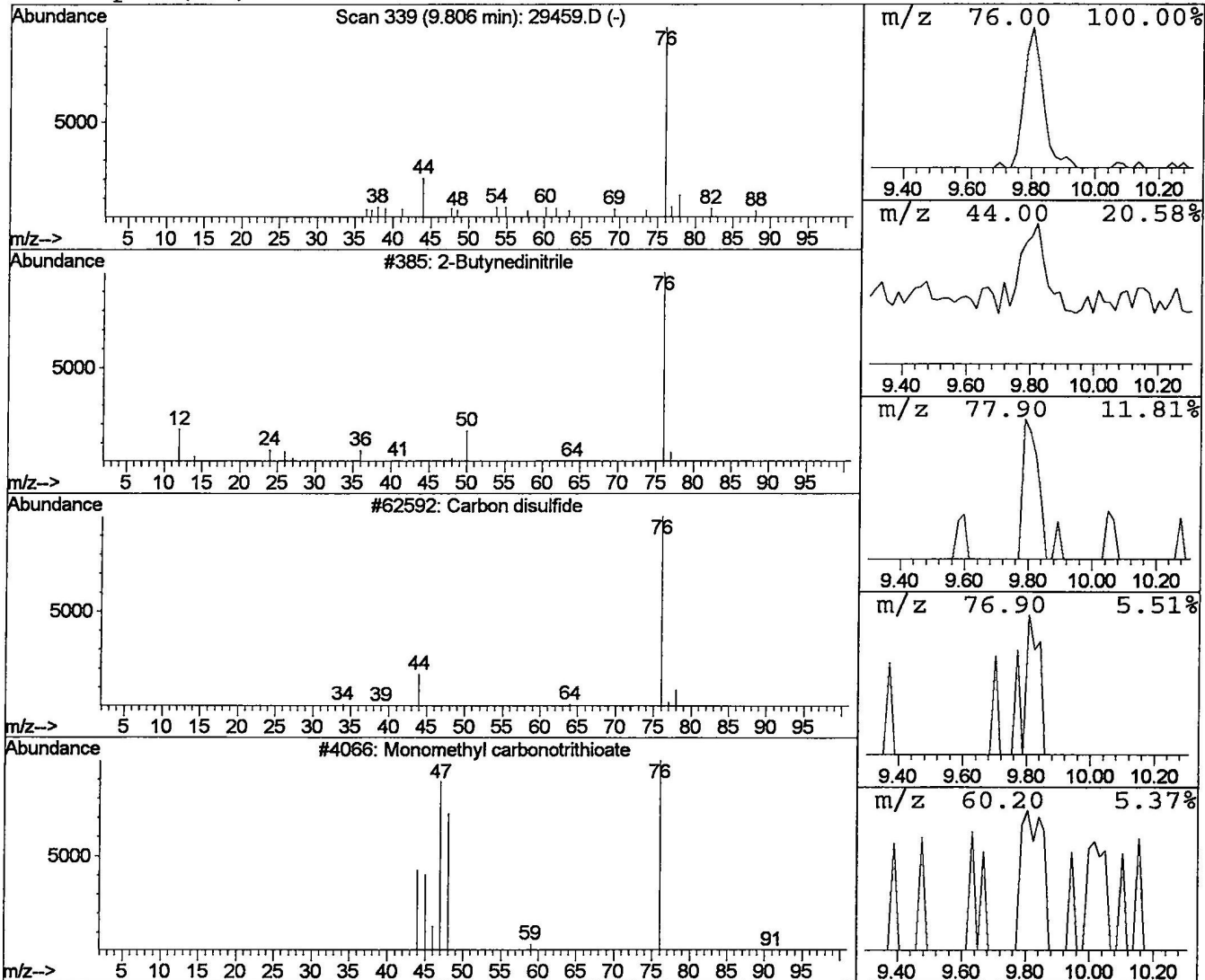
Vial: 15
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Butynedinitrile Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	0.16 ug/L	69236	1,4-DIFLUOROBENZENE	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butynedinitrile	76	C4N2	001071-98-3	7
2		Carbon disulfide	76	CS2	000075-15-0	5
3		Monomethyl carbonotrithioate	124	C2H4S3	001113-26-4	4
4		Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC12\29459.D
Acq On : 12 Dec 2001 6:59 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P

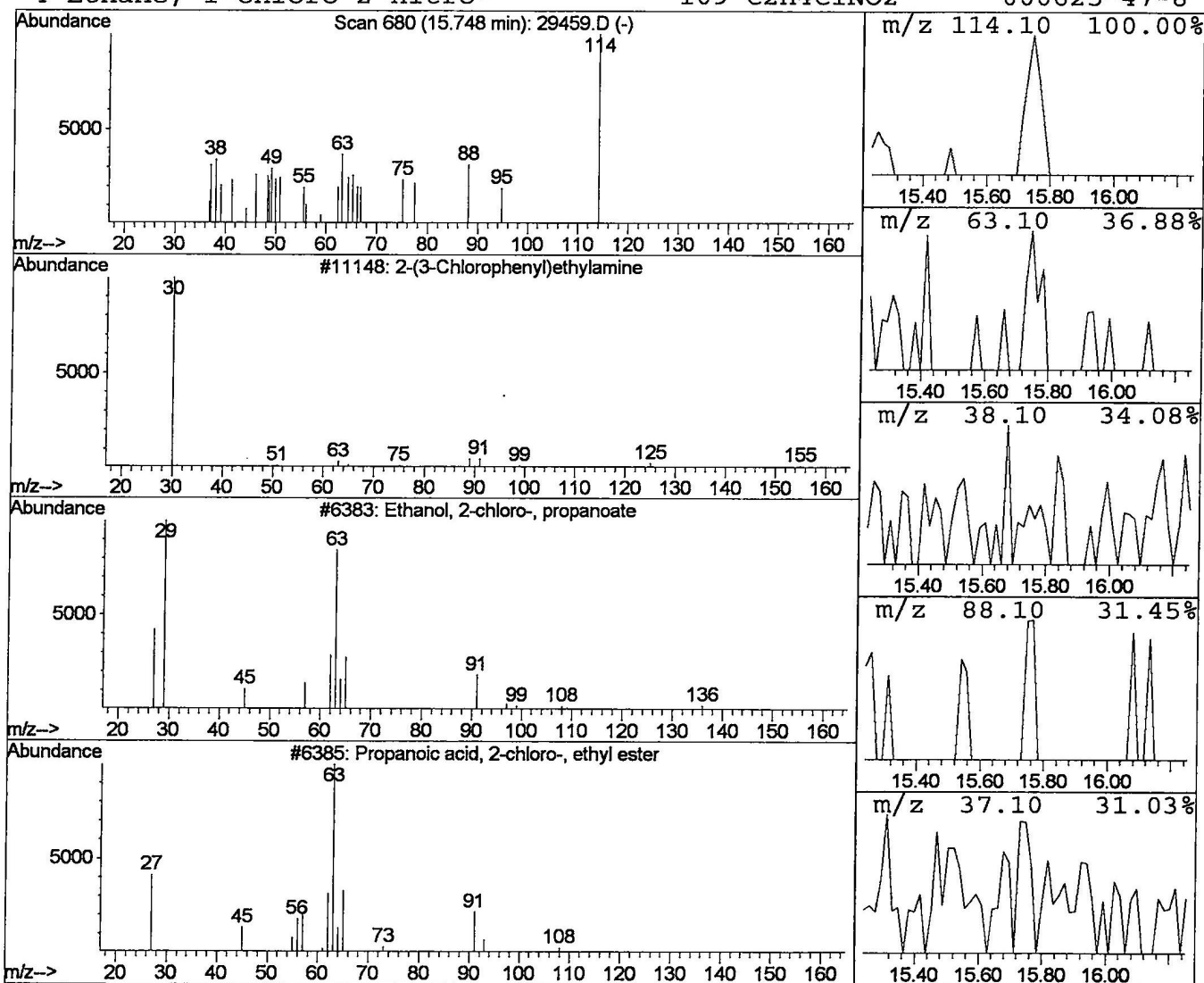
Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-(3-Chlorophenyl)ethylamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.09 ug/L	38656	1,4-DIFLUOROBENZENE	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3-Chlorophenyl)ethylamine	155	C8H10ClN	013078-79-0	9	
2	Ethanol, 2-chloro-, propanoate	136	C5H9ClO2	001487-40-7	9	
3	Propanoic acid, 2-chloro-, ethyl es	136	C5H9ClO2	000535-13-7	9	
4	Ethane, 1-chloro-2-nitro-	109	C2H4ClNO2	000625-47-8	9	



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC4\29459.D
 Acq On : 5 Dec 2001 3:35 am
 Sample : 524;
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 5 4:14 2001

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

Quant Results File: HP120401.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 14:36:18 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	325911	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	20.98	117	289543	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.14	152	111458	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	151414	6.91	ug/L	0.02
Spiked Amount 5.000			Recovery	=	138.20%	
3) 4-BROMOFLUOROBENZENE	23.57	174	79096	3.92	ug/L	0.00
Spiked Amount 5.000			Recovery	=	78.40%	
23) TOLUENE-D8	17.71	98	454111	5.67	ug/L	0.00
Spiked Amount 5.000			Recovery	=	113.40%	

Target Compounds

Qvalue

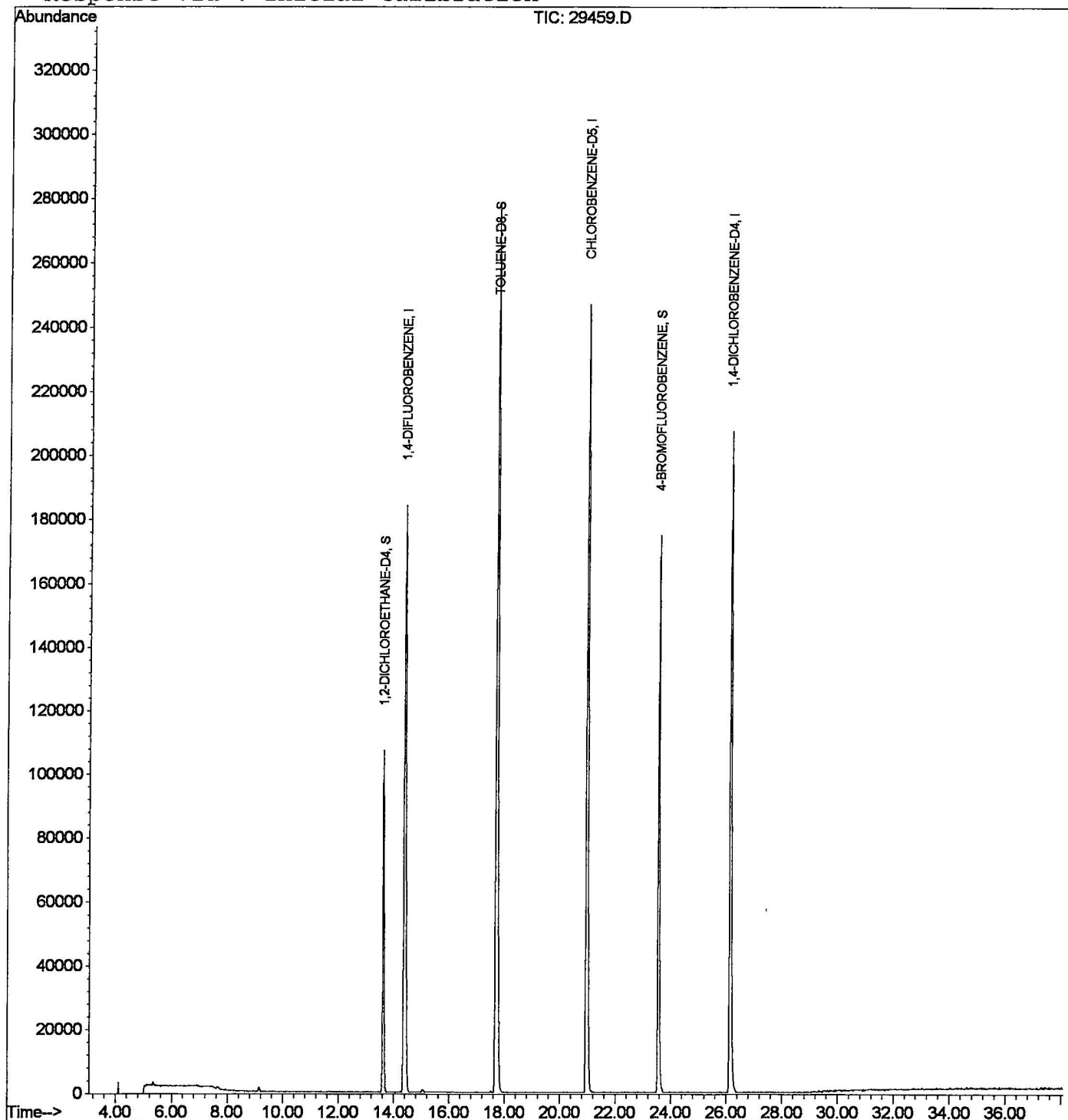
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29459.D
 Acq On : 5 Dec 2001 3:35 am
 Sample : 524;
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 5 4:14 2001

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

Quant Results File: HP120401.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29459.D

Acq On : 5 Dec 2001 3:35 am

Sample : 524;

Misc :

MS Integration Params: LSCINT.P

Vial: 18

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

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

Title : VOCs BY EPA METHOD 524

Smoothing : OFF

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 5000 Area counts

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.045	117	119	120	rBV	2604	9536	0.72%	0.183%
2	7.659	269	273	280	rVB2	949	5516	0.42%	0.106%
3	13.622	617	622	631	rVB	107076	377684	28.62%	7.262%
4	14.388	662	667	680	rVB	183940	870655	65.97%	16.740%
5	17.711	857	862	875	rBV	277354	1319804	100.00%	25.376%
6	20.982	1049	1054	1065	rVB	246716	1051383	79.66%	20.215%
7	23.571	1200	1206	1216	rVB	174493	705348	53.44%	13.562%
8	26.144	1351	1357	1370	rVB	207023	861148	65.25%	16.557%

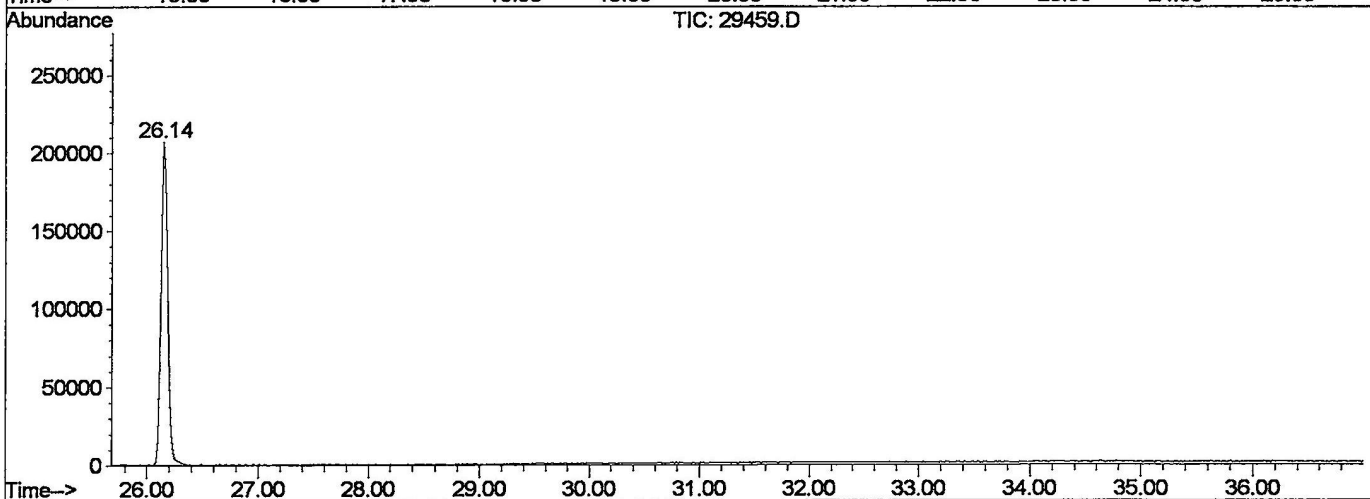
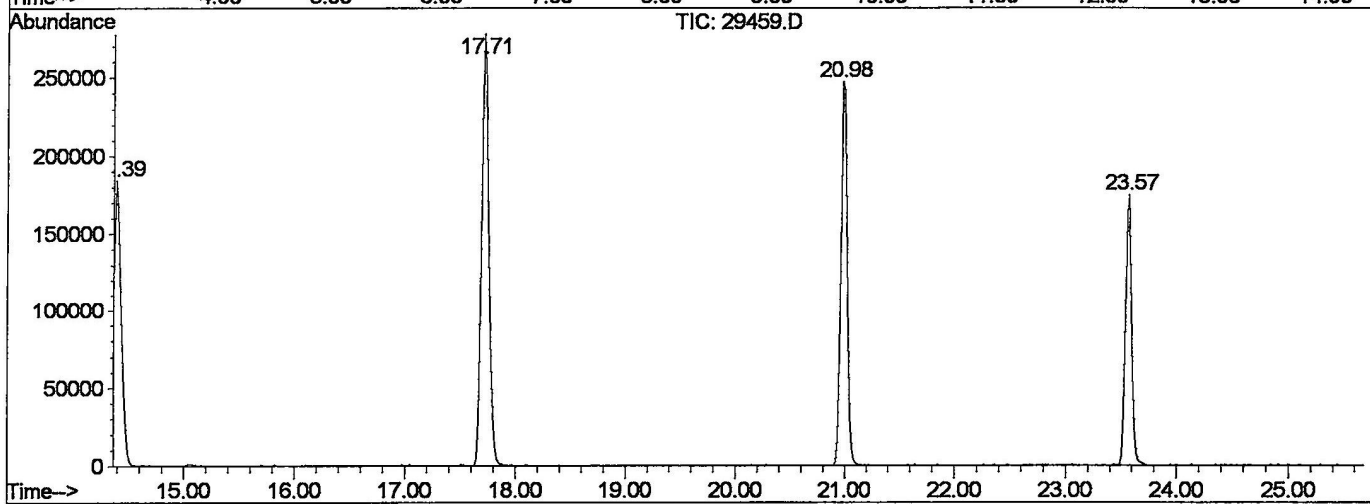
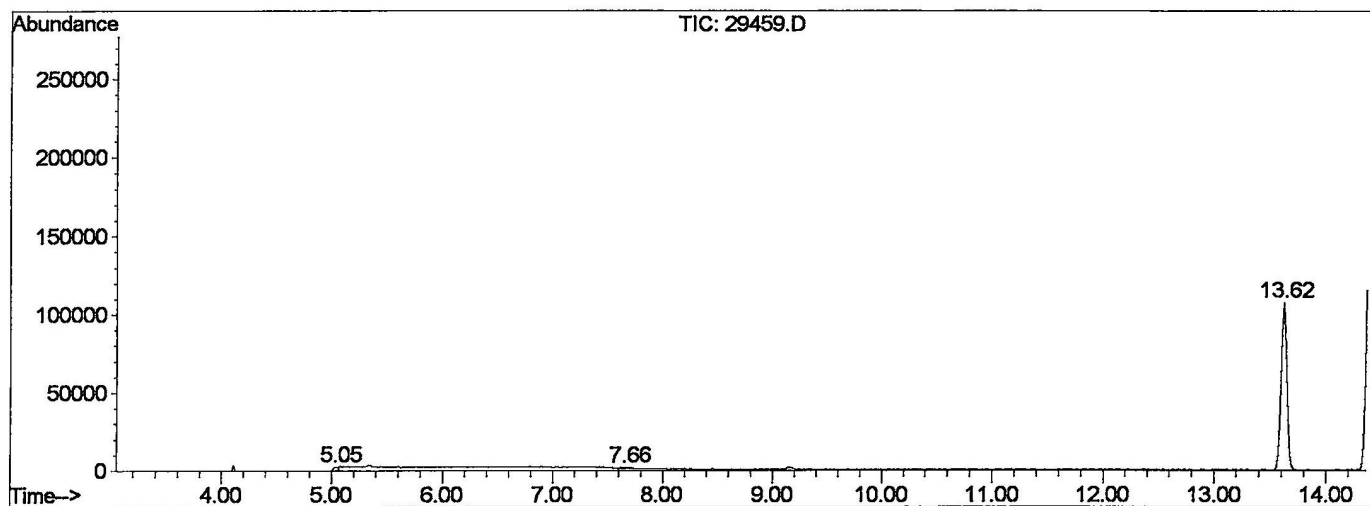
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29459.D HP121001.M

Wed Dec 19 14:30:20 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\01DEC4\29459.D
 Operator : 206-BH
 Acquired : 5 Dec 2001 3:35 am using AcqMethod HP120401
 Instrument : GC/MS Ins
 Sample Name: 524;
 Misc Info :
 Vial Number: 18
 Quant File :HP120401.RES (RTE Integrator)



29459.D HP121001.M Wed Dec 19 14:30:24 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29459.D
 Acq On : 5 Dec 2001 3:35 am
 Sample : 524;
 Misc :
 MS Integration Params: LSCINT.P

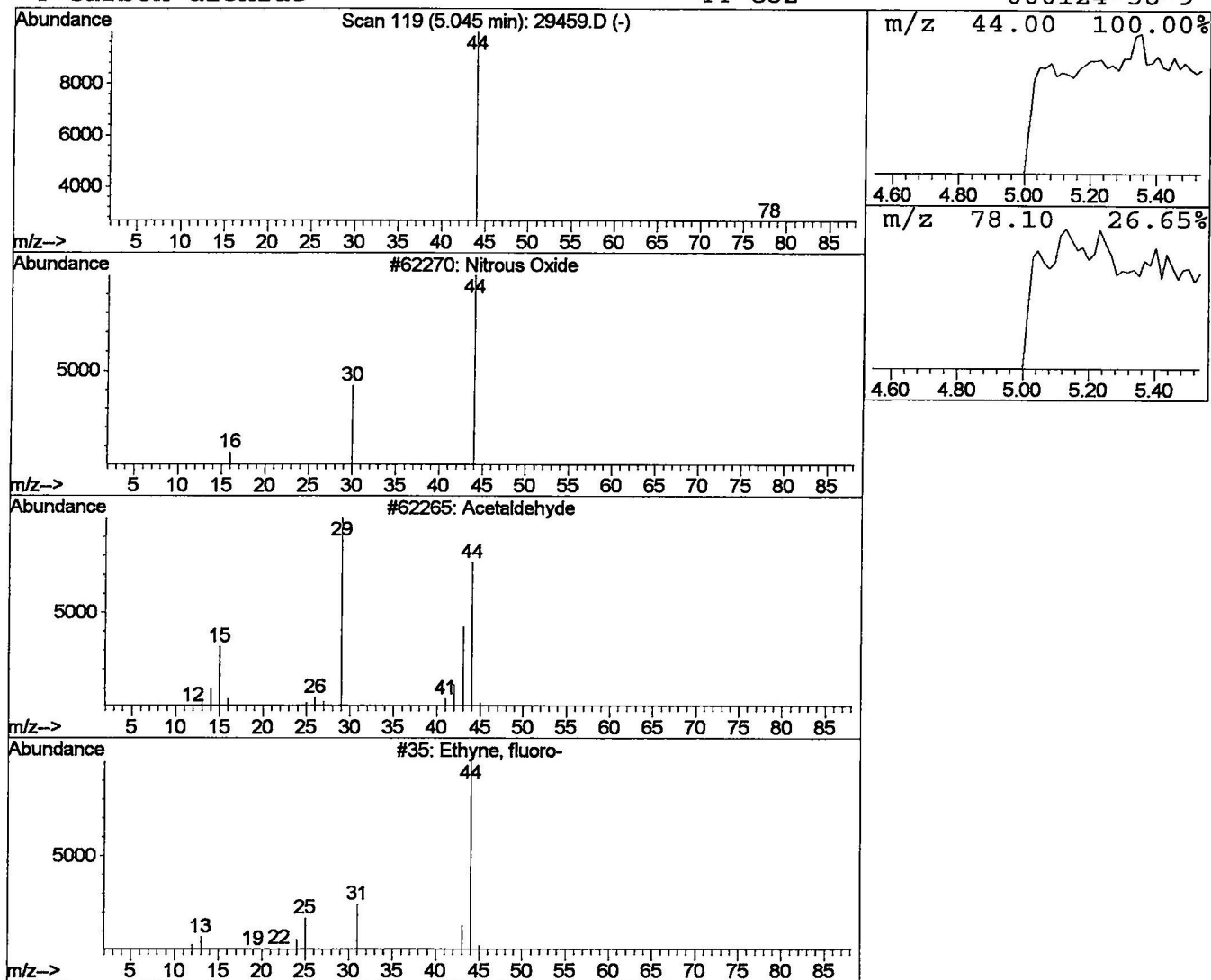
Vial: 18
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Nitrous Oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	0.05 ug/L	9536	1,4-DIFLUOROBENZENE	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nitrous Oxide	44	N2O	010024-97-2	2
2		Acetaldehyde	44	C2H4O	000075-07-0	2
3		Ethyne, fluoro-	44	C2HF	002713-09-9	2
4		Carbon dioxide	44	CO2	000124-38-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29459.D
 Acq On : 5 Dec 2001 3:35 am
 Sample : 524;
 Misc :
 MS Integration Params: LSCINT.P

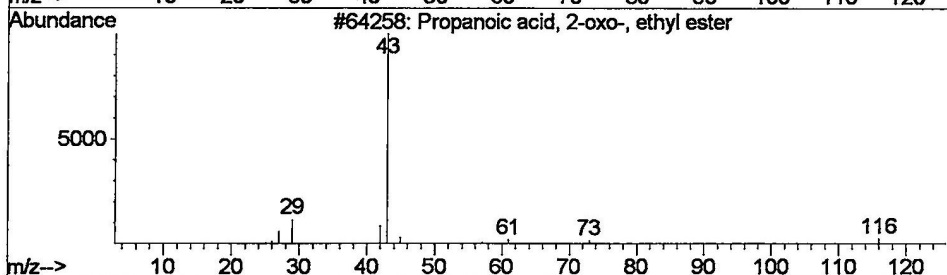
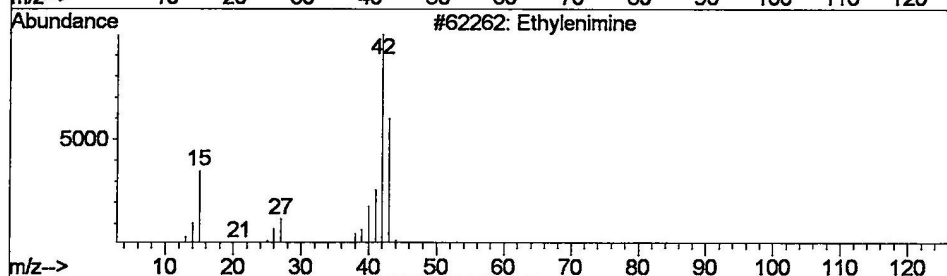
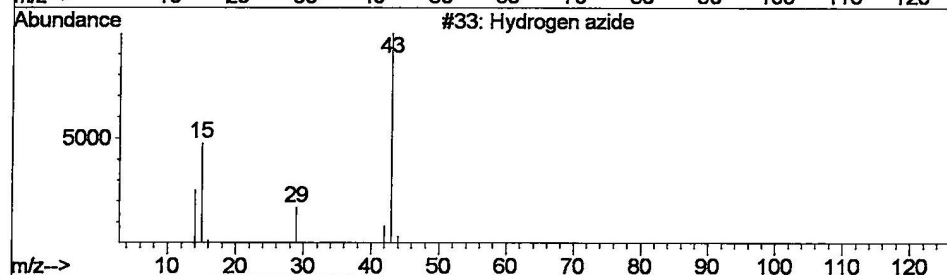
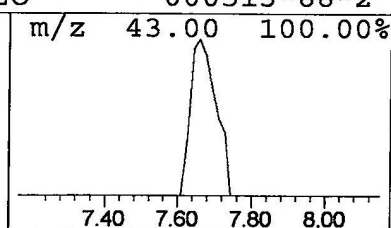
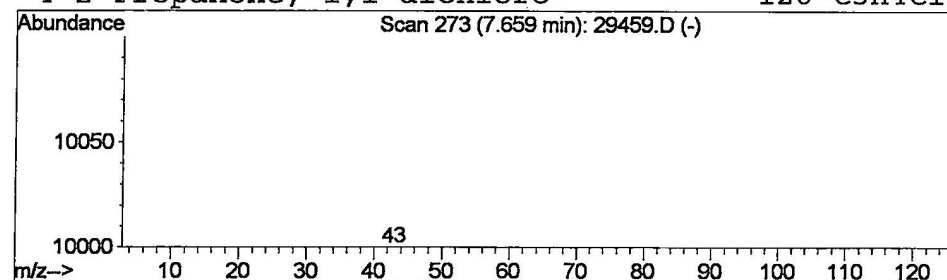
Vial: 18
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

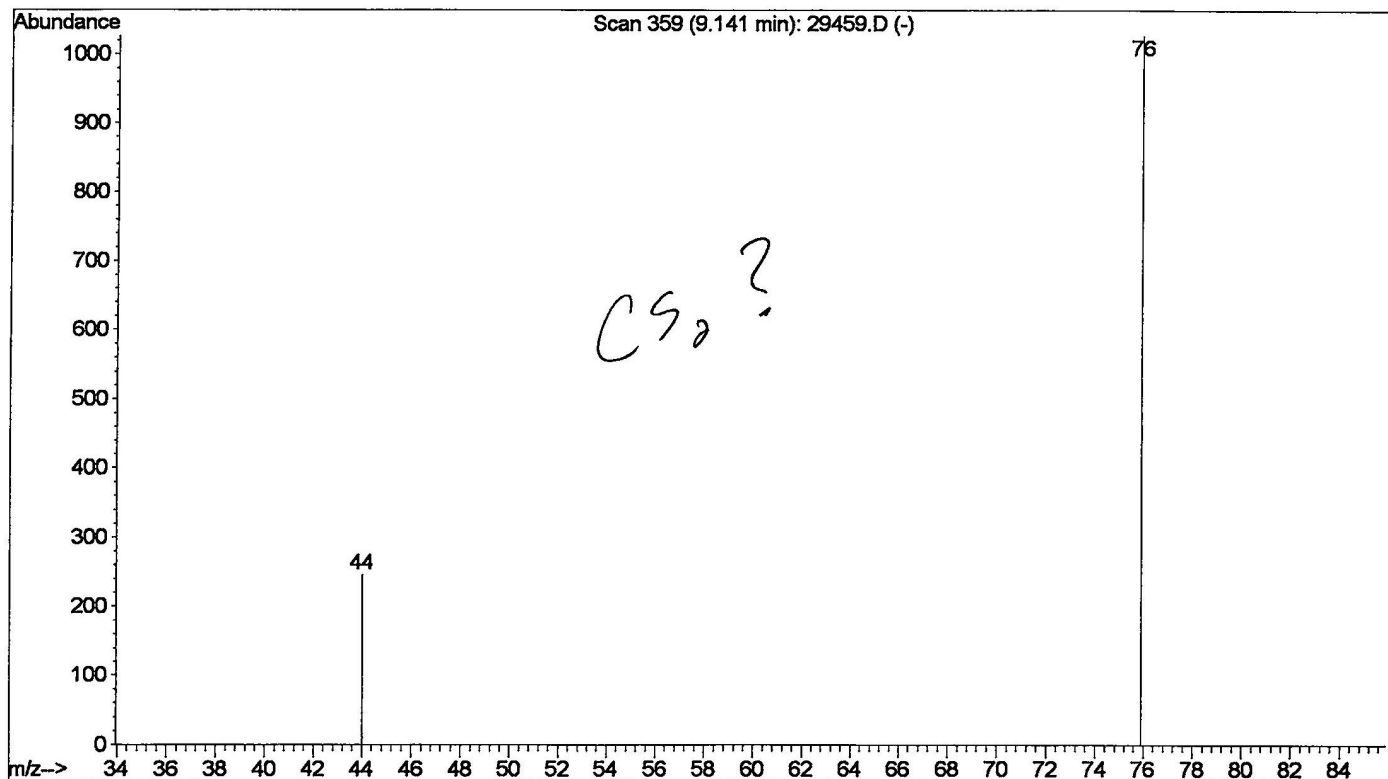
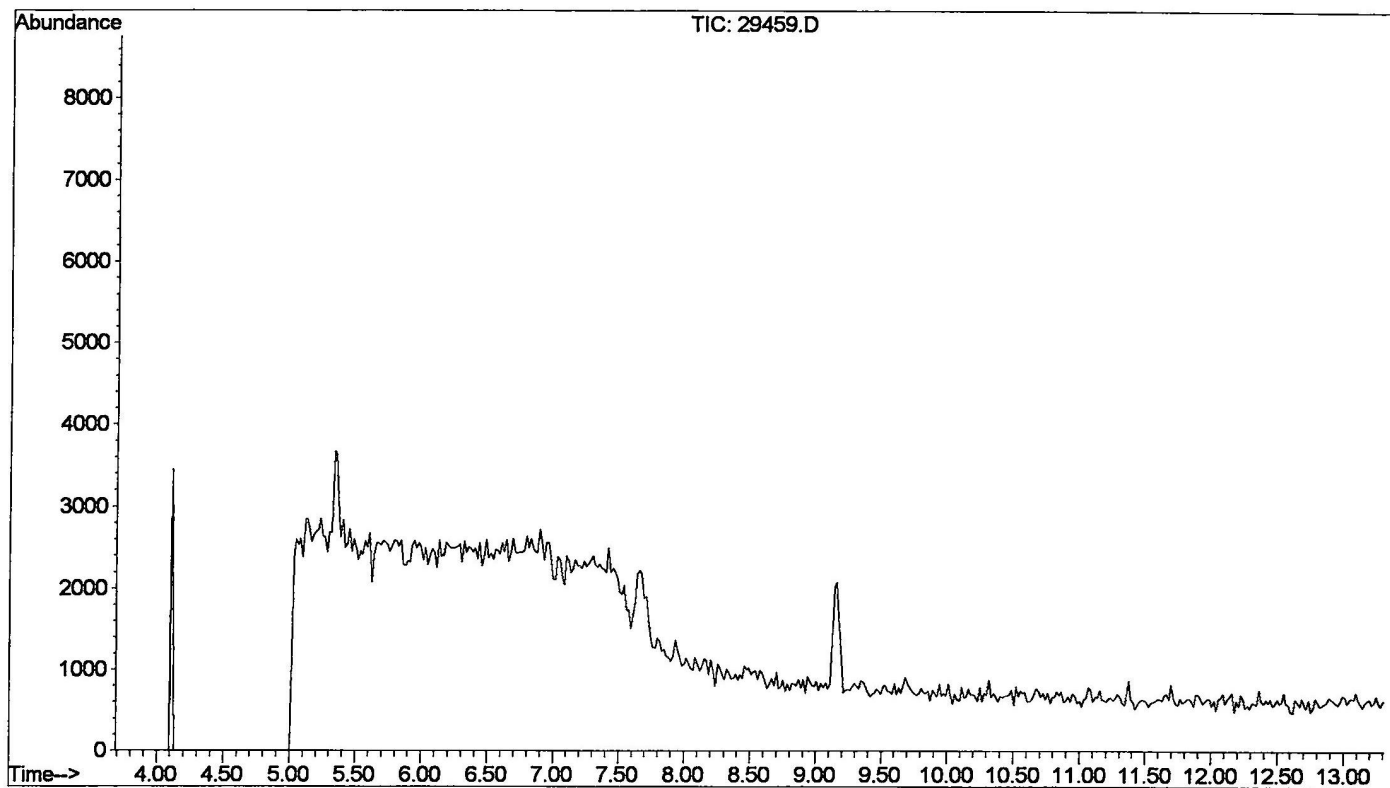
 Peak Number 2 Hydrogen azide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	0.03 ug/L	5516	1,4-DIFLUOROBENZENE	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrogen azide	43	HN3	007782-79-8	1
2		Ethylenimine	43	C2H5N	000151-56-4	1
3		Propanoic acid, 2-oxo-, ethyl ester	116	C5H8O3	000617-35-6	1
4		2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	1



File : C:\HPCHEM\1\DATA\01DEC4\29459.D
 Operator : 206-BH
 Acquired : 5 Dec 2001 3:35 am using AcqMethod HP120401
 Instrument : GC/MS Ins
 Sample Name: 524;
 Misc Info :
 Vial Number: 18



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:17:12

Sample: AD29460
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/12/01 00:07 Ended: 12/12/01 00:07 Analyst: BH
Result source: a:\29460.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

This sample was run previously and did not show the presence of CS₂. The previous run is included here but could not be reported because the CCV associated with it failed. This CCV is also included at the end of this date

REVIEWED BY *SV*
DATE *12/19/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:17:12

Sample: AD29460
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/12/01 00:07 Ended: 12/12/01 00:07 Analyst: BH
Result source: a:\29460.rr
Page: 2

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

Comments for Sample AD29460 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-19-2001 Time: 13:14:09

CARBON DISULFIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE APPROXIMATE CONCENTRATION IS 0.20 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec12\29460.D
 Acq On : 12 Dec 2001 7:42 pm
 Sample : nyc
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 20:20 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	628530	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	544711	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	232471	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	429993	5.26	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	105.20%	
3) 4-BROMOFLUOROBENZENE	24.32	174	193274	4.28	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	85.60%	
25) TOLUENE-D8	18.45	98	765387	5.00	ug/L	0.00
Spiked Amount	5.000		Recovery	=	100.00%	
Target Compounds						
7) BROMOMETHANE	6.60	94	3702	0.17	ug/L	Qvalue 62
10) Isopropyl Alcohol	7.96	45	1648	2.28	ug/L	79
12) ACETONE	8.26	43	40453	3.44	ug/L	84
18) 2-BUTANONE (MEK)	12.00	43	6482	0.53	ug/L	65
46) 2-HEXANONE	19.16	43	1141	0.10	ug/L	37
65) 1,3-DICHLOROBENZENE	26.99	146	5459	0.13	ug/L	87
66) 1,4-DICHLOROBENZENE	26.99	146	6374	0.14	ug/L	85

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

29460.D HP120301.M Wed Dec 12 20:20:50 2001

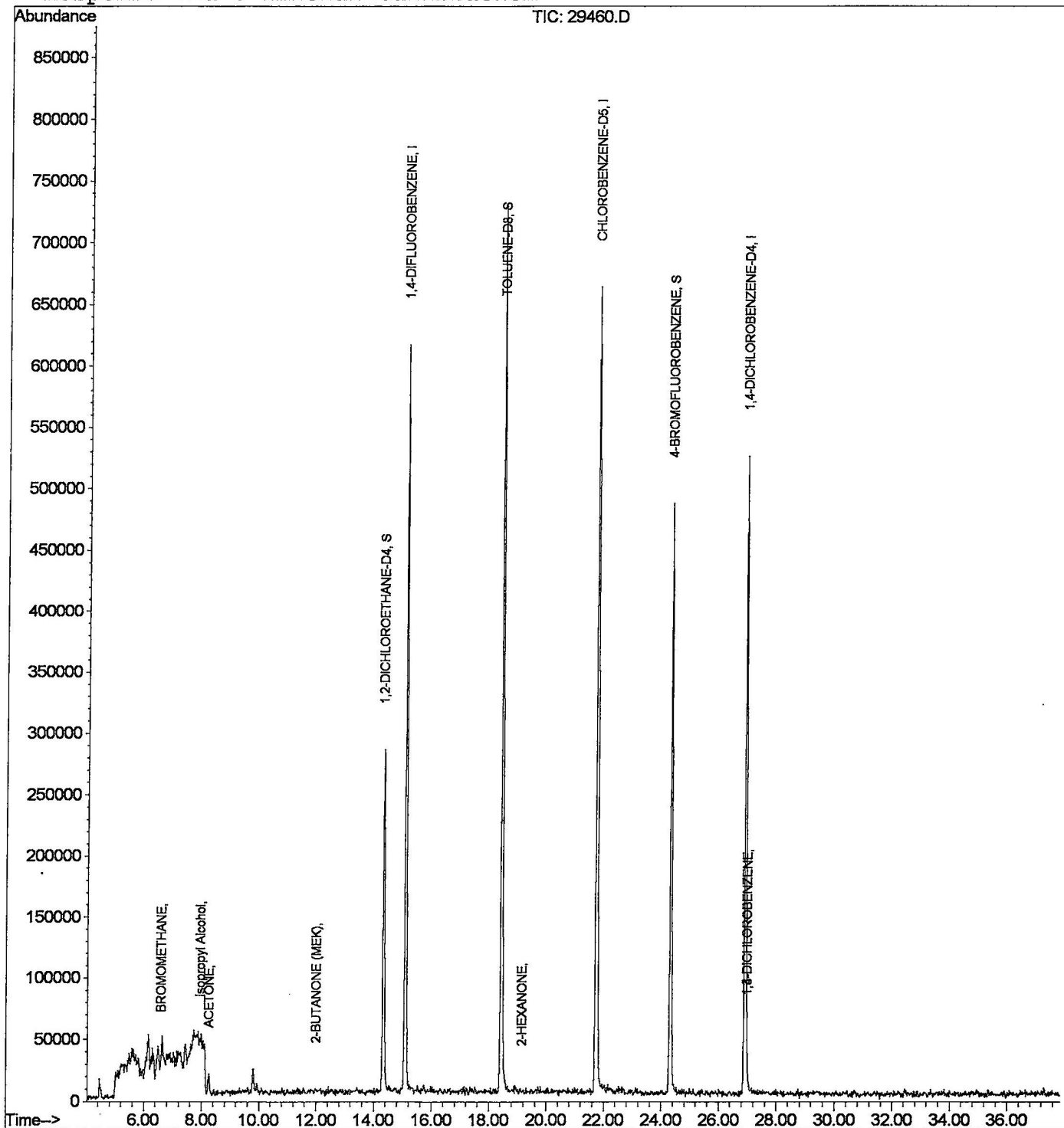
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec12\29460.D
Acq On : 12 Dec 2001 7:42 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 20:20 2001

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

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC12\29460.D
Acq On : 12 Dec 2001 7:42 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P

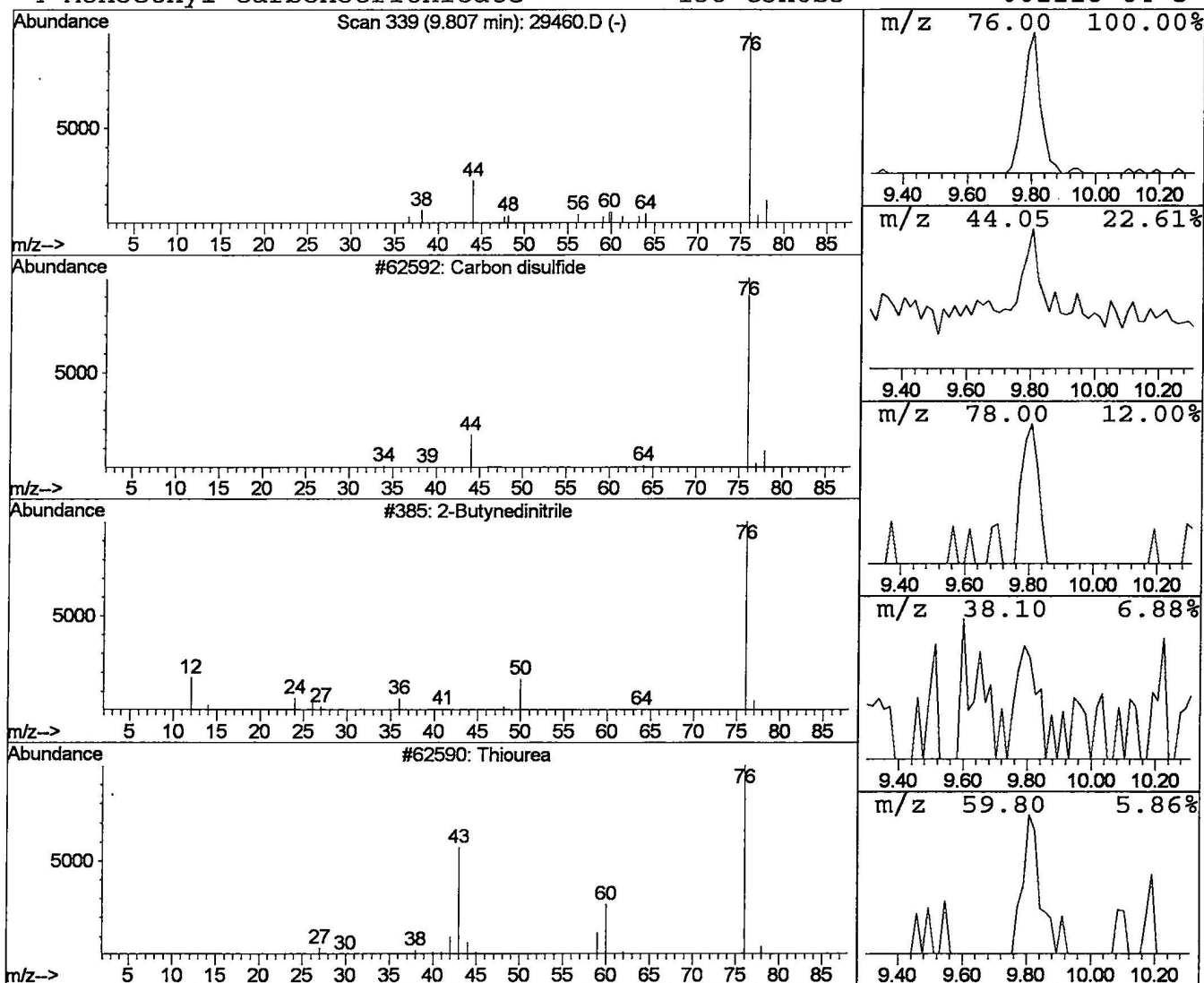
Vial: 16
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Carbon disulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	0.20 ug/L	84288	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbon disulfide	76	CS2	000075-15-0	9
2			2-Butynedinitrile	76	C4N2	001071-98-3	7
3			Thiourea	76	CH4N2S	000062-56-6	4
4			Monoethyl carbonotrithioate	138	C3H6S3	001118-64-5	4



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC4\29460.D
 Acq On : 5 Dec 2001 4:18 am
 Sample : 524;
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 5 4:57 2001

Vial: 19
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP120401.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 14:36:18 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	306890	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	21.00	117	271570	5.00	ug/L	0.02
50) 1,4-DICHLOROBENZENE-D4	26.14	152	102383	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	144910	7.02	ug/L	0.02
Spiked Amount 5.000			Recovery	=	140.40%	
3) 4-BROMOFLUOROBENZENE	23.57	174	72966	3.84	ug/L	0.00
Spiked Amount 5.000			Recovery	=	76.80%	
23) TOLUENE-D8	17.71	98	429959	5.73	ug/L	0.00
Spiked Amount 5.000			Recovery	=	114.60%	
Target Compounds						Qvalue
63) 1,3-DICHLOROBENZENE	26.23	146	3109	0.17	ug/L	94
64) 1,4-DICHLOROBENZENE	26.23	146	3416	0.19	ug/L	94

 (#) = qualifier out of range (m) = manual integration
 29460.D HP121001.M Wed Dec 19 14:33:51 2001

Page 1

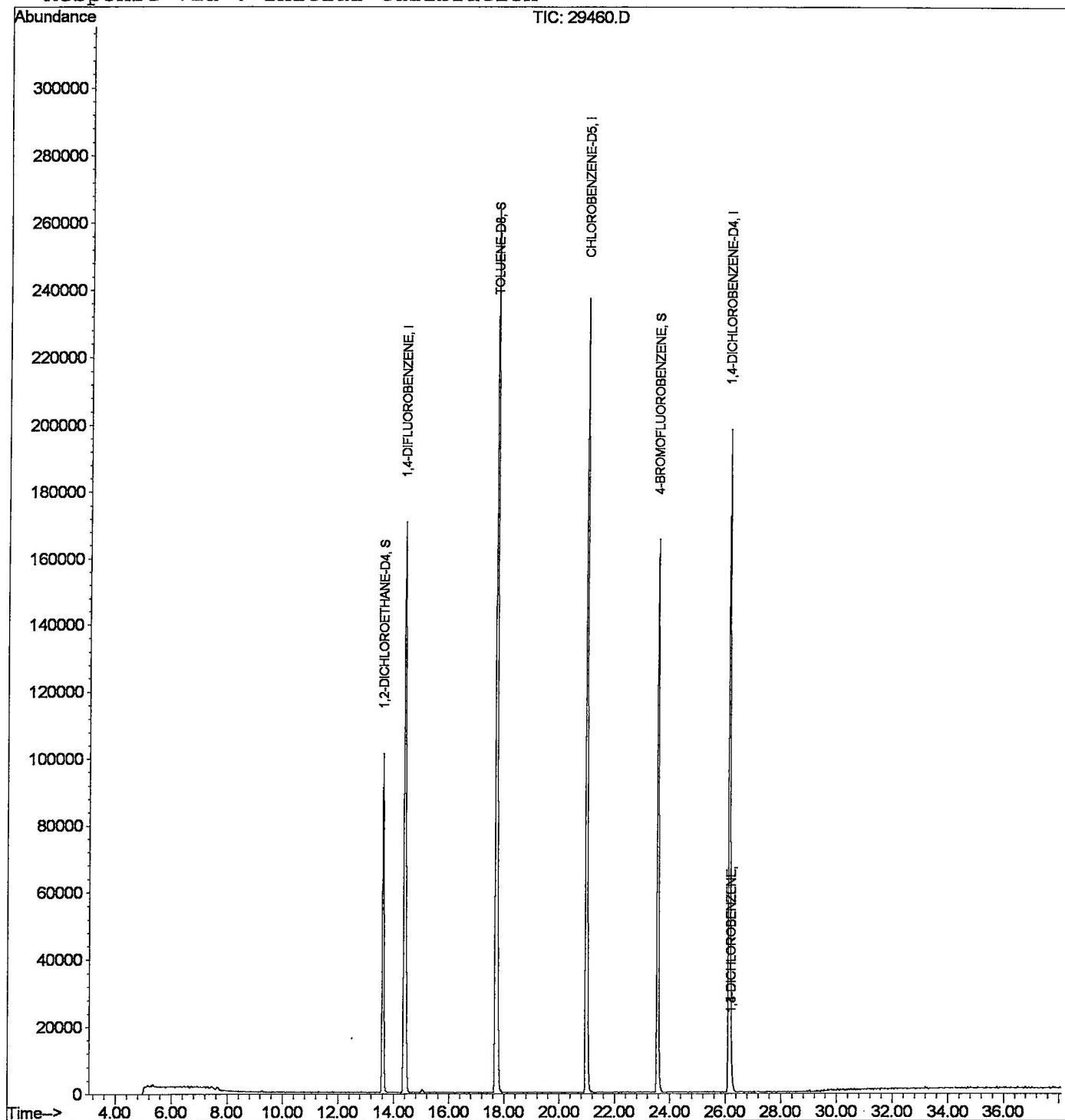
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29460.D
Acq On : 5 Dec 2001 4:18 am
Sample : 524;
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 5 4:57 2001

Vial: 19
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120401.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29460.D
 Acq On : 5 Dec 2001 4:18 am
 Sample : 524;
 Misc :
 MS Integration Params: LSCINT.P

Vial: 19
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0
 Filtering: 5
 Min Area: 5000 Area counts
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

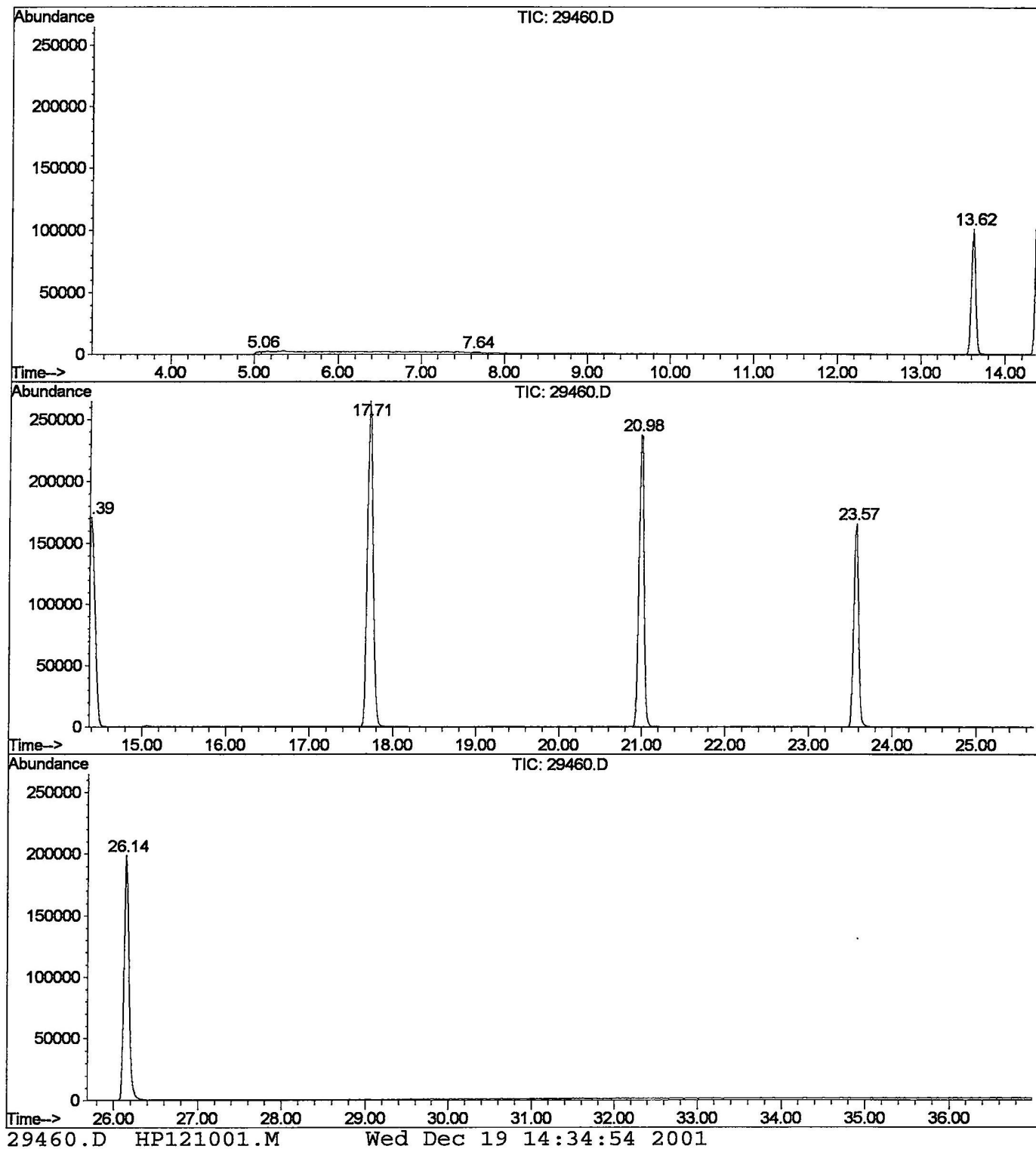
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.062	116	119	120	rBV	2316	12580	1.00%	0.255%
2	7.642	268	271	276	rVB2	938	5100	0.40%	0.104%
3	13.622	616	621	631	rBV	101246	357719	28.37%	7.263%
4	14.388	661	666	678	rBV	170615	827173	65.61%	16.795%
5	17.711	855	861	873	rBV	264686	1260741	100.00%	25.598%
6	20.982	1047	1053	1062	rBV	237262	994832	78.91%	20.199%
7	23.571	1200	1205	1217	rVB	165560	655394	51.98%	13.307%
8	26.144	1351	1356	1371	rVB	198280	811667	64.38%	16.480%

Sum of corrected areas: 4925206

29460.D HP121001.M Wed Dec 19 14:34:51 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\01DEC4\29460.D
 Operator : 206-BH
 Acquired : 5 Dec 2001 4:18 am using AcqMethod HP120401
 Instrument : GC/MS Ins
 Sample Name: 524;
 Misc Info :
 Vial Number: 19
 Quant File :HP120401.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29460.D

Acq On : 5 Dec 2001 4:18 am

Sample : 524;

Misc :

MS Integration Params: LSCINT.P

Vial: 19

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Nitrous Oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	0.08 ug/L	12580	1,4-DIFLUOROBENZENE	14.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nitrous Oxide	44	N2O	010024-97-2	2
2		Acetaldehyde	44	C2H4O	000075-07-0	2
3		Ethyne, fluoro-	44	C2HF	002713-09-9	2
4		Carbon dioxide	44	CO2	000124-38-9	2
5		Ethylene oxide	44	C2H4O	000075-21-8	2

Peak Number 2 Hydrogen azide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	0.03 ug/L	5100	1,4-DIFLUOROBENZENE	14.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hydrogen azide	43	HN3	007782-79-8	2
2		Ethylenimine	43	C2H5N	000151-56-4	2
3		Cyclobutylamine	71	C4H9N	002516-34-9	1
4		2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	1
5		Acetic acid, anhydride	102	C4H6O3	000108-24-7	1

Tentatively Identified Compound (LSC) summary

Operator ID: 206-BH Date Acquired: 5 Dec 2001 4:18 am
 Data File: C:\HPCHEM\1\DATA\01DEC4\29460.D
 Name: 524;
 Misc:
 Method: C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title: VOCs BY EPA METHOD 524
 Library Searched: C:\DATABASE\NBS75K.L

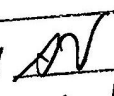
TIC Top Hit name	RT	EstConc Units	Area	IntStd	ISRT	ISArea	ISConc
Nitrous Oxide	5.06	0.1 ug/L	12580	ISTD01	14.39	827173	5.0
Hydrogen azide	7.64	0.0 ug/L	5100	ISTD01	14.39	827173	5.0

29460.D HP121001.M Wed Dec 19 14:34:57 2001

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 10:25:11

Sample: AD29461
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/12/01 00:08 Ended: 12/12/01 00:08 Analyst: BH
 Result source: a:\29461.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY 
 DATE 12/19/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:25:11

Sample: AD29461

Analysis: \$524 Volatile Organic Compounds

Units: ug

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

Result source: a:\29461.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec12\29461.D
Acq On : 12 Dec 2001 8:25 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 21:03 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration
DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	636654	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	532389	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	230401	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	436891	5.28	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	105.60%	
3) 4-BROMOFLUOROBENZENE	24.34	174	195963	4.29	ug/L	0.00
Spiked Amount	5.000		Recovery	=	85.80%	
25) TOLUENE-D8	18.45	98	760162	5.08	ug/L	0.00
Spiked Amount	5.000		Recovery	=	101.60%	
Target Compounds						
10) Isopropyl Alcohol	7.75	45	3159	4.31	ug/L	Qvalue 71
12) ACETONE	8.26	43	68153	5.72	ug/L	95
18) 2-BUTANONE (MEK)	11.88	43	1292	0.10	ug/L	65

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

29461.D HP120301.M Wed Dec 12 21:03:44 2001

Page 1

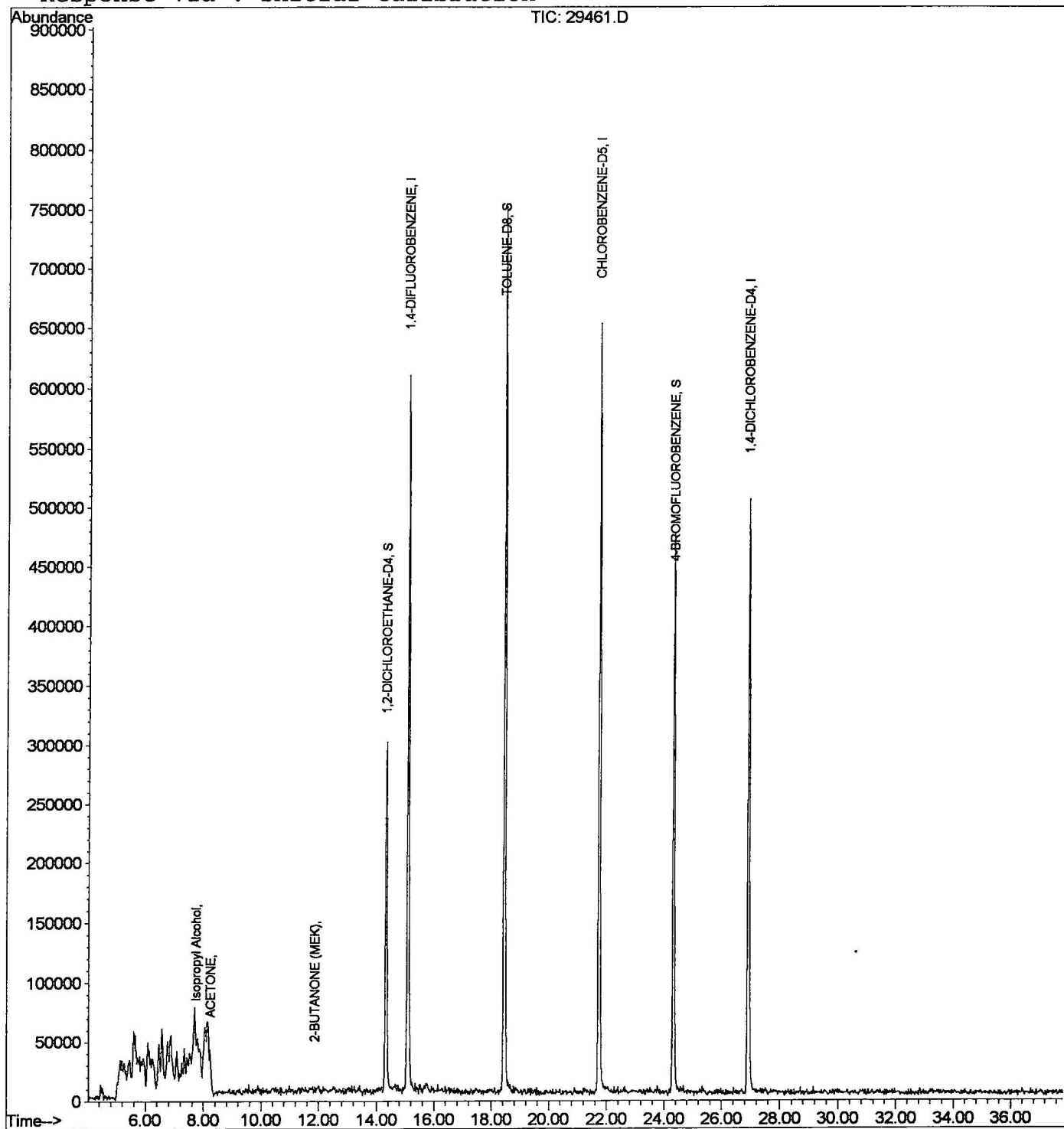
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec12\29461.D
Acq On : 12 Dec 2001 8:25 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 21:03 2001

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

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC4\29461F.D
 Acq On : 5 Dec 2001 7:55 am
 Sample : 524; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 5 8:34 2001

Vial: 24
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP120401.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 14:36:18 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	252938	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	20.98	117	220229	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.14	152	86362	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	128968	7.58	ug/L	0.02
Spiked Amount 5.000			Recovery	=	151.60%	
3) 4-BROMOFLUOROBENZENE	23.57	174	60119	3.84	ug/L	0.00
Spiked Amount 5.000			Recovery	=	76.80%	
23) TOLUENE-D8	17.71	98	362013	5.94	ug/L	0.00
Spiked Amount 5.000			Recovery	=	118.80%	
Target Compounds						
10) ACETONE	7.64	43	74351	39.12	ug/L	Qvalue 90

*CCV failed -
 see next chromatogram*

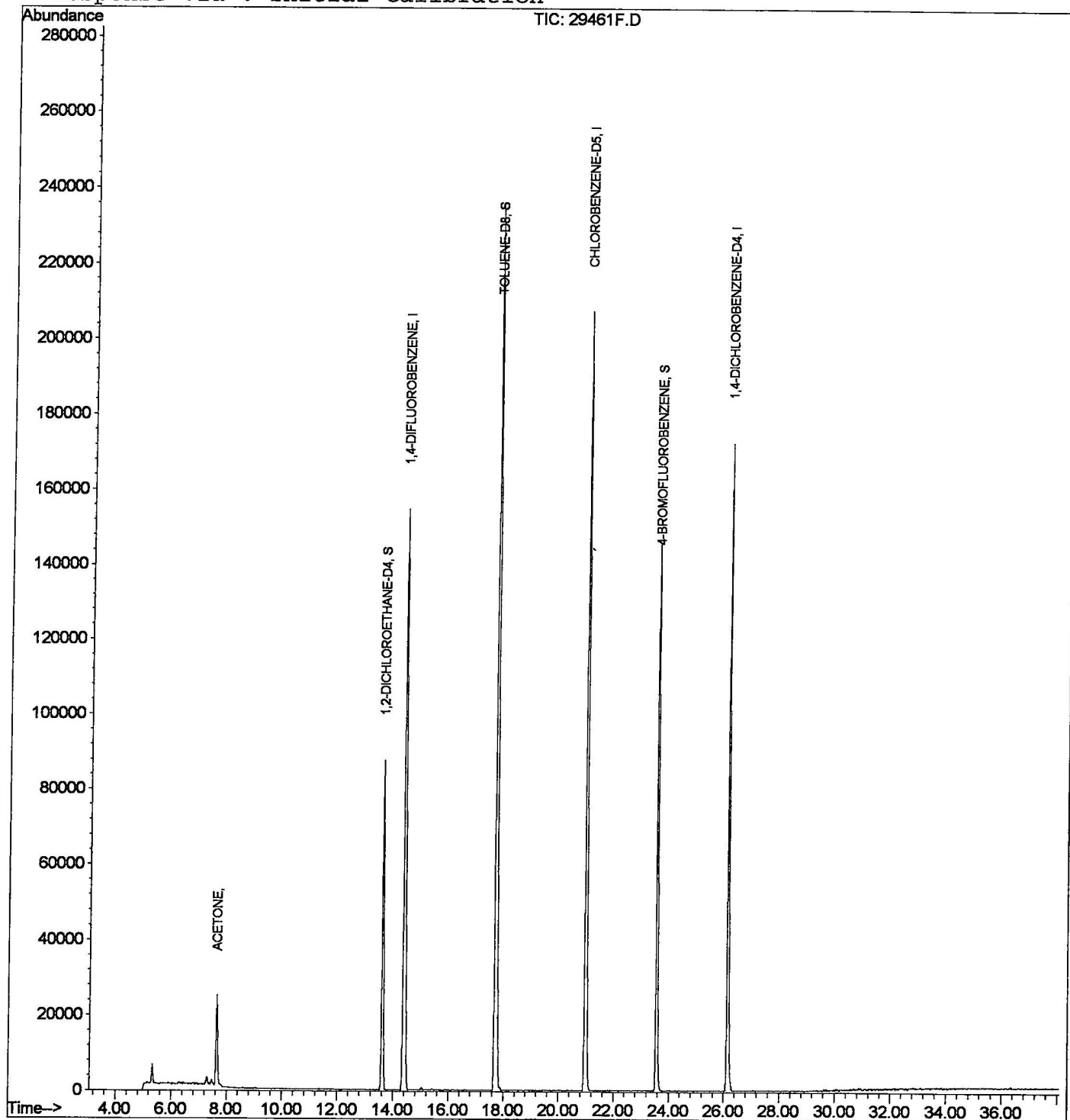
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29461F.D
Acq On : 5 Dec 2001 7:55 am
Sample : 524; fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 5 8:34 2001

Vial: 24
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP120401.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29461F.D
 Acq On : 5 Dec 2001 7:55 am
 Sample : 524; fb
 Misc :
 MS Integration Params: LSCINT.P

Vial: 24
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Nitrous Oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	0.07 ug/L	10047	1,4-DIFLUOROBENZENE	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nitrous Oxide	44 N2O	010024-97-2 2
2		Acetaldehyde	44 C2H4O	000075-07-0 2
3		Ethyne, fluoro-	44 C2HF	002713-09-9 2
4		Carbon dioxide	44 CO2	000124-38-9 2
5		Ethylene oxide	44 C2H4O	000075-21-8 2

 Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	0.10 ug/L	14285	1,4-DIFLUOROBENZENE	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Acetaldehyde	44 C2H4O	000075-07-0 4
2		Propane	44 C3H8	000074-98-6 3
3		Carbon dioxide	44 CO2	000124-38-9 2
4		Nitrous Oxide	44 N2O	010024-97-2 2
5		Ethylene oxide	44 C2H4O	000075-21-8 2

 Peak Number 3 Formamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	0.06 ug/L	8270	1,4-DIFLUOROBENZENE	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Formamide	45 CH3NO	000075-12-7 2
2		Methane, nitroso-	45 CH3NO	000865-40-7 2
3		Ethylamine	45 C2H7N	000075-04-7 1
4		Formic acid, 1-methylethyl ester	88 C4H8O2	000625-55-8 1
5		Propane, 2-ethoxy-	88 C5H12O	000625-54-7 1

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC4\29461F.D
 Acq On : 5 Dec 2001 7:55 am
 Sample : 524; fb
 Misc :
 MS Integration Params: LSCINT.P

Vial: 24
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

Peak Number 4 Furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.47	0.04 ug/L	5453	1,4-DIFLUOROBENZENE	14.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan	68	C4H4O	000110-00-9	2
2	Cyclobutane, methylene-	68	C5H8	001120-56-5	2
3	1,2-Propadiene-1,3-dione	68	C3O2	000504-64-3	2
4	Nitrogen fluoride oxide (NF3O)	87	F3NO	013847-65-9	1
5	Propane, 2-isocyano-2-methyl-	83	C5H9N	007188-38-7	1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC4\1204C10B.D

Vial: 9

Acq On : 4 Dec 2001 11:58 pm

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 5 0:37 2001

Quant Results File: HP120401.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Tue Dec 04 14:36:18 2001

Response via : Initial Calibration

DataAcq Meth : HP120401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	377196	5.00	ug/L	0.00
22) CHLOROBENZENE-D5	20.98	117	344046	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.14	152	196345	5.00	ug/L	0.00

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.60	65	161791	6.38	ug/L	0.00
Spiked Amount	5.000		Recovery	=	127.60%	
3) 4-BROMOFLUOROBENZENE	23.57	174	118419	5.07	ug/L	0.00
Spiked Amount	5.000		Recovery	=	101.40%	
23) TOLUENE-D8	17.71	98	515038	5.41	ug/L	0.00
Spiked Amount	5.000		Recovery	=	108.20%	

Target Compounds

					Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	62585	4.28 ug/L	100
5) CHLOROMETHANE	4.97	50	114978	12.08 ug/L	97
6) VINYL CHLORIDE	5.13	62	131724	13.58 ug/L	100
7) BROMOMETHANE	6.05	94	116200	12.52 ug/L	98
8) CHLOROETHANE	6.18	64	93156	13.68 ug/L	97
9) TRICHLOROFLUOROMETHANE	6.71	101	247629	12.54 ug/L	100
10) ACETONE	7.64	43	29960	10.57 ug/L	95
11) 1,1-DICHLOROETHENE	7.98	61	229716	10.89 ug/L	94
12) METHYLENE CHLORIDE	8.95	49	256026	12.45 ug/L	92
13) METHYL TERT BUTYL ETHER	9.26	73	273072	11.21 ug/L	96
14) TRANS-1,2-DICHLOROETHENE	9.60	61	252806	11.47 ug/L	94
15) 1,1-DICHLOROETHANE	10.49	63	328438	11.60 ug/L	99
16) 2-BUTANONE (MEK)	11.32	43	53853	13.63 ug/L	93
17) 2,2-DICHLOROPROPANE	11.68	77	202932	9.05 ug/L	97
18) CIS-1,2-DICHLOROETHENE	11.78	96	145889	10.32 ug/L	88
19) CHLOROFORM	12.11	83	281162	11.11 ug/L	99
20) BROMOCHLOROMETHANE	12.48	49	155298	12.21 ug/L	89
21) 1,2-DICHLOROETHANE	13.81	62	214229	12.45 ug/L	99
24) 1,1,1-TRICHLOROETHANE	12.99	97	219189	10.76 ug/L	99
25) 1,1-DICHLOROPROPENE	13.32	75	221300	10.78 ug/L	96
26) CARBON TETRACHLORIDE	13.57	117	170744	10.35 ug/L	97
27) BENZENE	13.91	78	676488	11.11 ug/L	99
28) TRICHLOROETHENE	15.17	95	153777	10.33 ug/L	92
29) 1,2-DICHLOROPROPANE	15.53	63	192462	11.48 ug/L	98
30) DIBROMOMETHANE	16.18	174	39368	8.79 ug/L	76
31) BROMODICHLOROMETHANE	16.04	83	198995	11.18 ug/L	97
32) 2-CHLOROETHYL VINYL ETHER	16.54	63	62691	11.42 ug/L	94
33) Methyl iso-butyl ketone	16.60	58	35639	13.46 ug/L	99

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

1204C10B.D HP121001.M

Wed Dec 19 15:44:54 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC4\1204C10B.D
 Acq On : 4 Dec 2001 11:58 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 5 0:37 2001

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

Quant Results File: HP120401.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120401.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 14:36:18 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120401

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.13	75	243052	11.07	ug/L	98
35) TOLUENE	17.88	91	689104	10.43	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.15	75	191214	11.28	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.55	97	87184	10.46	ug/L	95
38) TETRACHLOROETHENE	19.31	166	109483	8.62	ug/L	97
39) 1,3-DICHLOROPROPANE	19.07	76	190581	11.33	ug/L	99
40) DIBROMOCHLOROMETHANE	19.74	129	89051	10.19	ug/L	98
41) 1,2-DIBROMOETHANE	20.18	107	76819	10.51	ug/L	98
42) CHLOROBENZENE	21.07	112	412471	9.96	ug/L	94
43) 1,1,1,2-TETRACHLOROETHANE	21.12	131	122876	9.94	ug/L	98
44) 2-HEXANONE	18.44	43	69412	12.49	ug/L	91
45) ETHYLBENZENE	21.12	91	841757	10.63	ug/L	98
46) P & M-XYLENE	21.29	106	582476	20.61	ug/L	97
47) O-XYLENE	22.24	91	695743	11.02	ug/L	98
48) STYRENE	22.31	104	496226	11.02	ug/L	96
49) 1,1,2,2-TETRACHLOROETHANE	23.32	83	106683	11.61	ug/L	99
51) BROMOFORM	23.15	173	36945	8.60	ug/L	99
52) ISOPROPYLBENZENE	22.98	105	786734	9.60	ug/L	100
53) 1,2,3-TRICHLOROPROPANE	23.64	110	26970	10.41	ug/L	80
54) N-PROPYLBENZENE	23.83	91	1095611	9.97	ug/L	97
55) BROMOBENZENE	24.07	156	142151	9.03	ug/L	82
56) 1,3,5-TRIMETHYLBENZENE	24.15	105	695501	9.97	ug/L	98
57) 2-CHLOROTOLUENE	24.30	91	660143	10.00	ug/L	95
58) 4-CHLOROTOLUENE	24.39	91	659739	10.22	ug/L	97
59) TERT-BUTYLBENZENE	24.93	134	142404	9.58	ug/L	89
60) 1,2,4-TRIMETHYLBENZENE	25.04	105	735383	10.22	ug/L	99
61) SEC-BUTYLBENZENE	25.39	105	989245	10.03	ug/L	99
62) P-ISOPROPYLTOLUENE	25.65	119	779465	9.99	ug/L	97
63) 1,3-DICHLOROBENZENE	26.01	146	345014	9.71	ug/L	98
64) 1,4-DICHLOROBENZENE	26.21	146	354436	10.02	ug/L	97
65) N-BUTYLBENZENE	26.54	91	853799	10.52	ug/L	98
66) 1,2-DICHLOROBENZENE	27.05	146	308562	10.42	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.70	157	13588	10.76	ug/L	96
68) NITROBENZENE	28.90	77	128964	216.78	ug/L	93
69) 1,2,4-TRICHLOROBENZENE	30.64	180	164071	10.34	ug/L	99
70) HEXACHLOROBUTADIENE	30.88	225	86104	9.42	ug/L	99
71) NAPHTHALENE	31.31	128	215476	11.78	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.85	180	124786	10.95	ug/L	99

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

1204C10B.D HP121001.M

Wed Dec 19 15:44:56 2001

Page 2

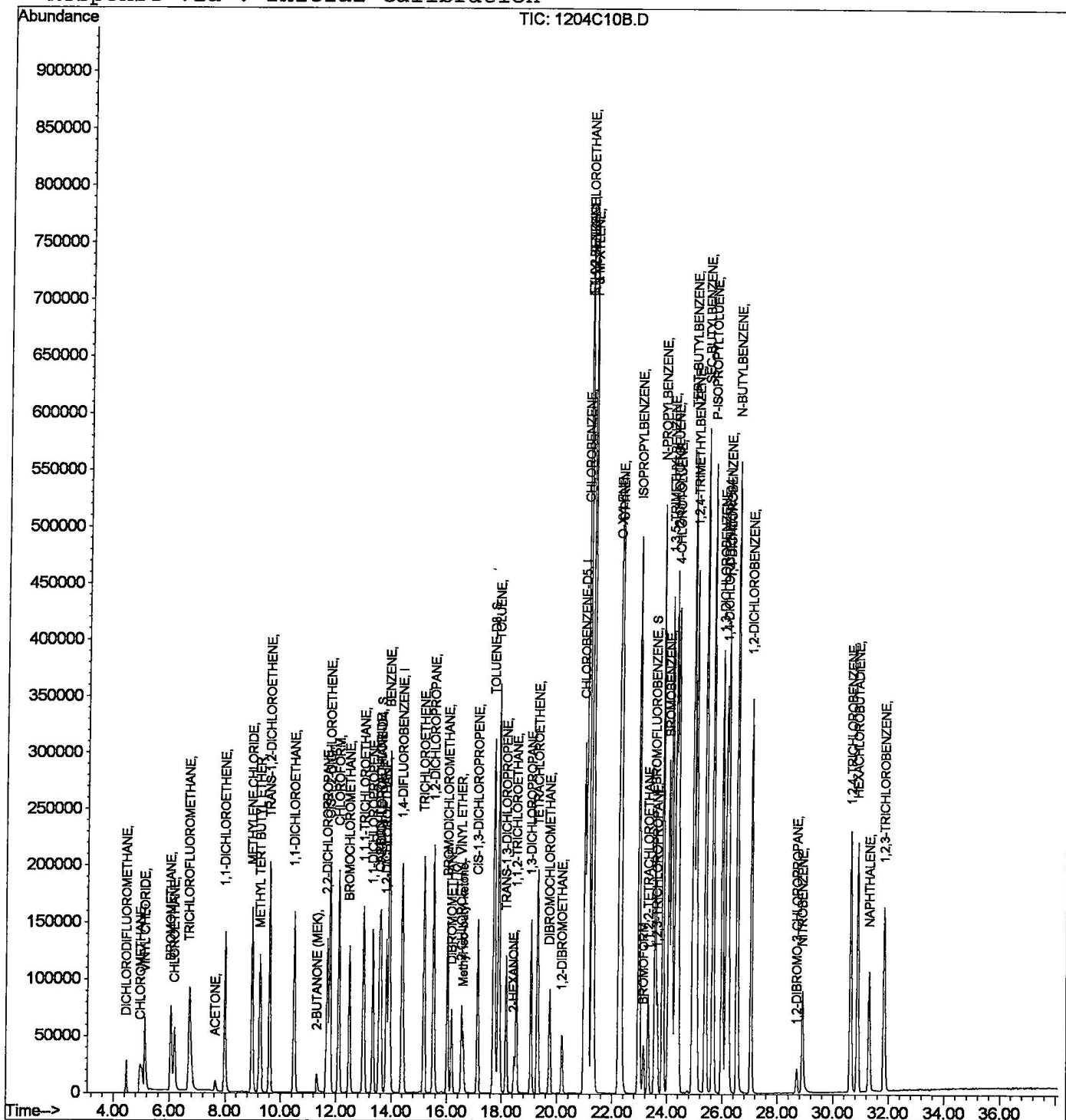
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC4\1204C10B.D
Acq On : 4 Dec 2001 11:58 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 5 0:37 2001

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

Quant Results File: HP120401.RES

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

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC12\1212B1.D
 Acq On : 12 Dec 2001 8:24 am
 Sample : lab blank 1
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 9:02 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.03	114	746036	5.00	ug/L	-0.07
24) CHLOROBENZENE-D5	21.69	117	663144	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.88	152	307762	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.27	65	490122	5.05	ug/L	-0.07
Spiked Amount 5.000			Recovery	=	101.00%	
3) 4-BROMOFLUOROBENZENE	24.29	174	252982	4.72	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	94.40%	
25) TOLUENE-D8	18.40	98	917992	4.93	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	98.60%	
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	5.03	85	1391	0.33	ug/L	78
5) CHLOROMETHANE	5.64	50	1490	-0.08	ug/L	93
8) CHLOROETHANE	6.58	64	2049	0.09	ug/L	97
10) Isopropyl Alcohol	7.86	45	3163	3.68	ug/L	85
12) ACETONE	8.22	43	5500	0.39	ug/L	59
35) MIBK	17.11	58	427	0.06	ug/L	53
46) 2-HEXANONE	19.09	43	887	0.06	ug/L	37

 (#) = qualifier out of range (m) = manual integration
 1212B1.D HP120301.M Fri Dec 14 09:18:44 2001

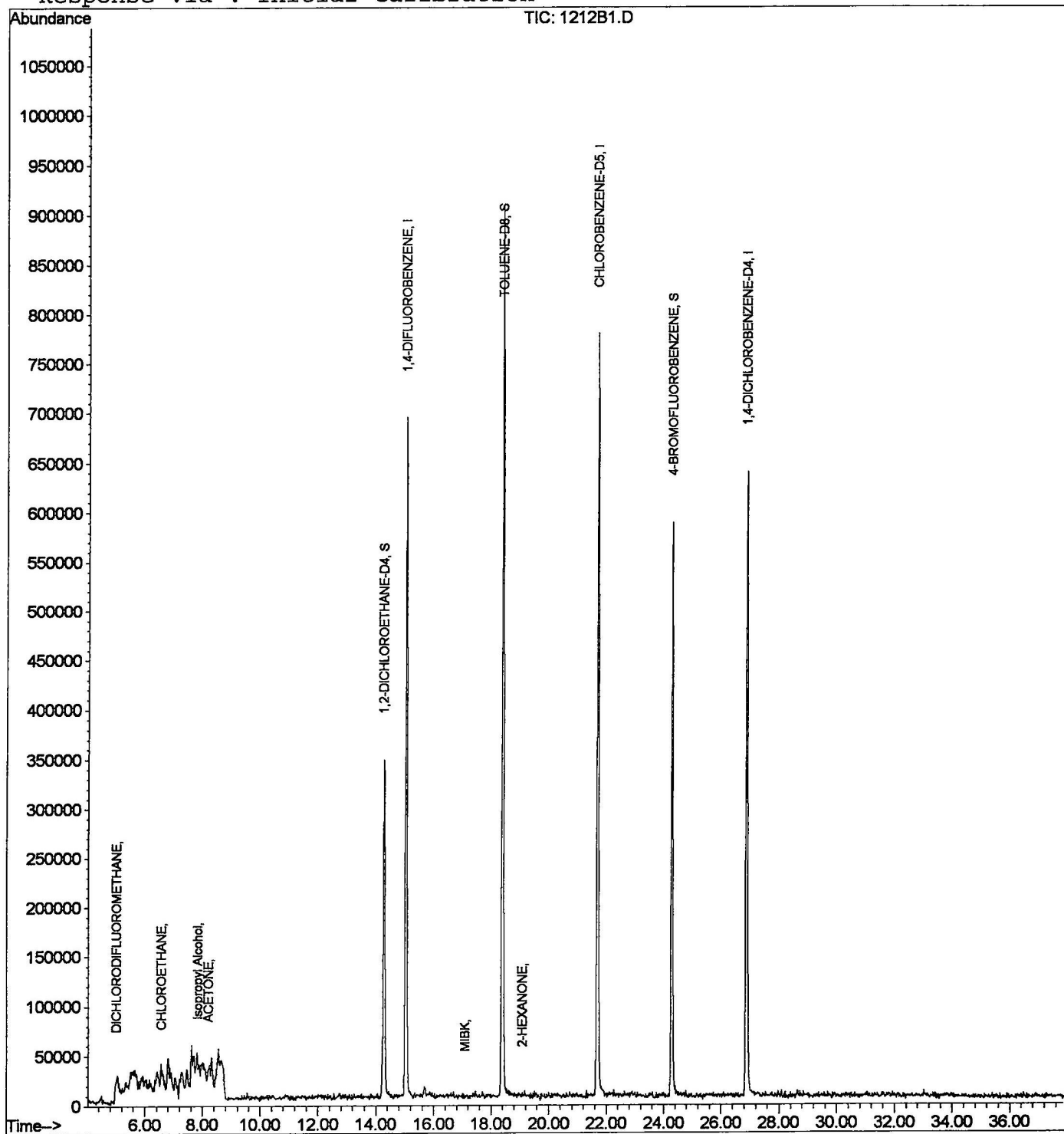
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC12\1212B1.D
Acq On : 12 Dec 2001 8:24 am
Sample : lab blank 1
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 9:02 2001

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

Quant Results File: HP120301.RES

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Method       : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Tue Dec 04 11:24:20 2001
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 10:01:04

Sample: AD29455
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/12/01 00:09 Ended: 12/12/01 00:09 Analyst: BH
 Result source: a:\1212c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.2		.5
2	Surr_4-BROMOFLUOROBENZE		5.3		.5
3	Dichlorodifluoromethane	USPEC	16		.5
4	Chloromethane		12		.5
5	Vinyl chloride		11		.5
6	Bromomethane		8.8		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		10		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		10		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		9.4		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.1		.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		11		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		11		1.0
30	cis-1,3-dichloropropene		12		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		12		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		12		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		23		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:01:04

Sample: AD29455
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/12/01 00:09 Ended: 12/12/01 00:09 Analyst: BH
Result source: a:\1212c10.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC12\1212C10.D
 Acq On : 12 Dec 2001 9:07 am
 Sample : cal 10
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 9:45 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.05	114	780804	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.71	117	679889	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.88	152	358645	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.29	65	531274	5.23	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	104.60%	
3) 4-BROMOFLUOROBENZENE	24.29	174	299463	5.34	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	106.80%	
25) TOLUENE-D8	18.42	98	974895	5.10	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	102.00%	
Target Compounds						
						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	450335	15.17	ug/L	100
5) CHLOROMETHANE	5.47	50	408046	12.17	ug/L	100
6) VINYL CHLORIDE	5.55	62	350009	10.79	ug/L	99
7) BROMOMETHANE	6.55	94	234671	8.82	ug/L	90
8) CHLOROETHANE	6.68	64	237894	10.14	ug/L	94
9) TRICHLOROFLUOROMETHANE	7.23	101	708395	10.32	ug/L	96
10) Isopropyl Alcohol	7.84	45	871942	969.76	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.13	101	430072	9.90	ug/L	98
12) ACETONE	8.22	43	125551	8.59	ug/L	98
13) 1,1-DICHLOROETHENE	8.57	61	709915	10.66	ug/L	99
14) METHYLENE CHLORIDE	9.56	49	785990	10.35	ug/L	96
15) METHYL TERT BUTYL ETHER	9.88	73	443860	10.12	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.23	61	735253	10.70	ug/L	95
17) 1,1-DICHLOROETHANE	11.13	63	823894	10.73	ug/L	96
18) 2-BUTANONE (MEK)	11.95	43	142515	9.42	ug/L	97
19) 2,2-DICHLOROPROPANE	12.33	77	567889	10.70	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.44	96	430943	11.13	ug/L	95
21) CHLOROFORM	12.77	83	954222	10.87	ug/L	98
22) BROMOCHLOROMETHANE	13.15	49	467178	11.20	ug/L	99
23) 1,2-DICHLOROETHANE	14.49	62	791226	11.32	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.66	97	753537	10.46	ug/L	97
27) 1,1-DICHLOROPROPENE	13.99	75	619611	11.13	ug/L	97
28) CARBON TETRACHLORIDE	14.25	117	787827	10.78	ug/L	98
29) BENZENE	14.58	78	1630231	11.36	ug/L	97
30) TRICHLOROETHENE	15.85	95	487188	10.98	ug/L	94
31) 1,2-DICHLOROPROPANE	16.22	63	432956	10.83	ug/L	95
32) DIBROMOMETHANE	16.88	174	209388	10.91	ug/L	88
33) BROMODICHLOROMETHANE	16.73	83	685270	11.22	ug/L	100

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

1212C10.D HP120301.M Fri Dec 14 09:16:06 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC12\1212C10.D
 Acq On : 12 Dec 2001 9:07 am
 Sample : cal 10
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 9:45 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) 2-CHLOROETHYL VINYL ETHER	17.21	63	128998	11.03	ug/L	91
35) MIBK	17.30	58	75286	10.76	ug/L	85
36) CIS-1,3-DICHLOROPROPENE	17.82	75	542120	11.58	ug/L	99
37) TOLUENE	18.59	91	1540085	11.10	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.85	75	415638	11.67	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.25	97	278256	11.48	ug/L	98
40) TETRACHLOROETHENE	20.02	166	428277	10.84	ug/L	97
41) 1,3-DICHLOROPROPANE	19.77	76	520936	11.70	ug/L	96
42) DIBROMOCHLOROMETHANE	20.47	129	371437	11.07	ug/L	97
43) 1,2-DIBROMOETHANE	20.91	107	258580	10.93	ug/L	99
44) CHLOROBENZENE	21.80	112	995500	10.61	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.83	131	383524	10.70	ug/L	94
46) 2-HEXANONE	19.15	43	168702	11.73	ug/L	98
47) ETHYLBENZENE	21.83	91	1877493	11.22	ug/L	98
48) P & M-XYLENE	21.99	106	1309522	23.04	ug/L	98
49) O-XYLENE	22.96	91	1497556	11.72	ug/L	98
50) STYRENE	23.02	104	979146	11.62	ug/L	99
51) 1,1,2,2-TETRACHLOROETHANE	24.04	83	304282	12.34	ug/L	99
53) BROMOFORM	23.89	173	182780	11.08	ug/L	98
54) ISOPROPYLBENZENE	23.69	105	1569253	11.43	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.37	110	96757	11.19	ug/L	100
56) N-PROPYLBENZENE	24.55	91	2141441	11.39	ug/L	99
57) BROMOBENZENE	24.79	156	399589	10.74	ug/L	83
58) 1,3,5-TRIMETHYLBENZENE	24.86	105	1484119	11.43	ug/L	99
59) 2-CHLOROTOLUENE	25.04	91	1454751	11.44	ug/L	98
60) 4-CHLOROTOLUENE	25.11	91	1397311	11.41	ug/L	96
61) TERT-BUTYLBENZENE	25.66	119	1282909	11.68	ug/L	96
62) 1,2,4-TRIMETHYLBENZENE	25.75	105	1546559	11.65	ug/L	97
63) SEC-BUTYLBENZENE	26.12	105	1683946	11.32	ug/L	98
64) P-ISOPROPYLTOLUENE	26.38	119	1305525	11.44	ug/L	99
65) 1,3-DICHLOROBENZENE	26.74	146	737920	10.99	ug/L	98
66) 1,4-DICHLOROBENZENE	26.95	146	768803	10.75	ug/L	97
67) N-BUTYLBENZENE	27.27	91	1444094	11.38	ug/L	99
68) 1,2-DICHLOROBENZENE	27.81	146	643513	11.25	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.58	157	30216	11.83	ug/L	84
70) 1,2,4-TRICHLOROBENZENE	31.88	180	395168	11.18	ug/L	96
71) HEXACHLOROBUTADIENE	32.18	225	277714	10.57	ug/L	96
72) NAPHTHALENE	32.72	128	493147	12.06	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.44	180	332424	11.32	ug/L	98
74) NITROBENZENE	29.79	77	182147	210.91	ug/L	95

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

1212C10.D HP120301.M Fri Dec 14 09:16:09 2001

Page 2

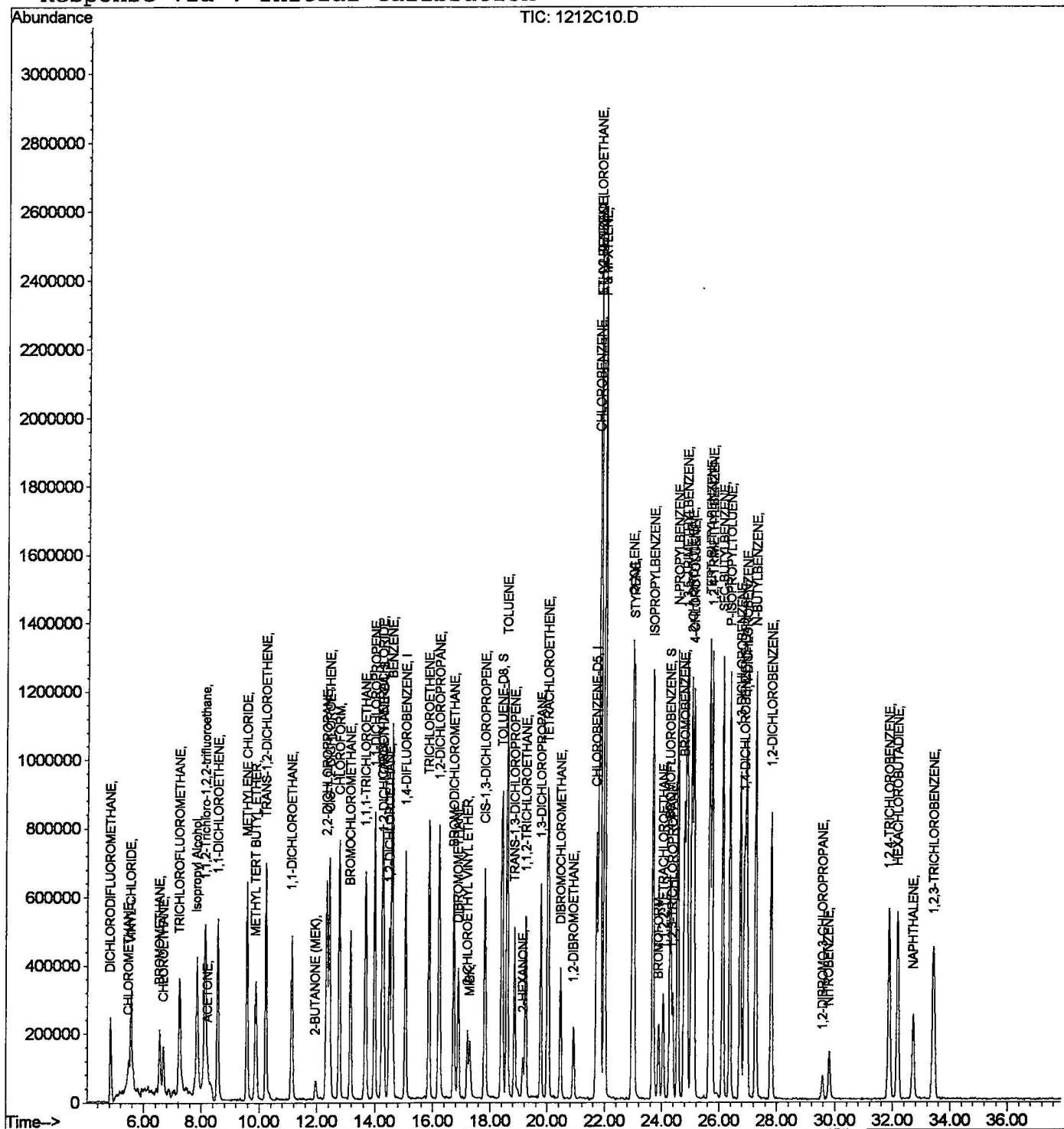
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC12\1212C10.D
Acq On : 12 Dec 2001 9:07 am
Sample : cal 10
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 9:45 2001

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

Quant Results File: HP120301.RES

```
Method       : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update  : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 09:54:32

Sample: AD29455
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 12/12/01 00:09 Ended: 12/12/01 00:09 Analyst: BH
 Result source: a:\1212r40.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.3		
2	4-BROMOFLUOROBENZENE		5.6		
3	DICHLORODIFLUOROMETHAN		52		.5
4	CHLOROMETHANE		43		.5
5	VINYL CHLORIDE		43		.5
6	BROMOMETHANE		37		.5
7	CHLOROETHANE		36		.5
8	TRICHLOROFLUOROMETHAN		37		.5
9	ACETONE		21		.5
10	1,1-DICHLOROETHENE		31		.5
11	METHYLENE CHLORIDE		29		.5
12	METHYL TERT BUTYL ETHER		39		1
13	TRANS-1,2-DICHLOROETHEN		32		.5
14	1,1-DICHLOROETHANE		32		.5
15	2-BUTANONE (MEK)		32		.5
16	2,2-DICHLOROPROPANE		34		.5
17	CIS-1,2-DICHLOROETHENE		35		.5
18	CHLOROFORM		33		.5
19	BROMOCHLOROMETHANE		34		.5
20	1,2-DICHLOROETHANE		34		.5
21	TOLUENE-D8		4.8		
22	1,1,1-TRICHLOROETHANE		31		.5
23	1,1-DICHLOROPROPENE		35		.5
24	CARBON TETRACHLORIDE		31		.5
25	BENZENE		32		.5
26	TRICHLOROETHENE		33		.5
27	1,2-DICHLOROPROPANE		33		.5
28	DIBROMOMETHANE		32		.5
29	BROMODICHLOROMETHANE		34		.5
30	2-CHLOROETHYL VINYL ETHE		43		.5
31	METHYL ISO-BUTYL KETONE		40		1
32	CIS-1,3-DICHLOROPROPENE		38		.5
33	TOLUENE		33		.5
34	TRANS-1,3-DICHLOROPROPE		43		.5
35	1,1,2-TRICHLOROETHANE		34		.5
36	TETRACHLOROETHENE		32		.5
37	1,3-DICHLOROPROPANE		35		.5
38	DIBROMOCHLOROMETHANE		36		2
39	1,2-DIBROMOETHANE		36		.5
40	CHLOROBENZENE		32		.5
41	1,1,1,2-TETRACHLOROETHA		34		.5
42	2-HEXANONE		43		.5
43	ETHYLBENZENE		34		.5
44	P & M-XYLENE		69		.5
45	O-XYLENE		37		.5
46	STYRENE		37		.5
47	1,1,2,2-TETRACHLOROETHA		37		.5
48	BROMOFORM		37		2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 09:54:32

Sample: AD29455
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 12/12/01 00:09 Ended: 12/12/01 00:09 Analyst: BH
 Result source: a:\1212r40.rr
 Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		38		.5
50	1,2,3-TRICHLOROPROPANE		33		.5
51	N-PROPYLBENZENE		35		.5
52	BROMOBENZENE		34		.5
53	1,3,5-TRIMETHYLBENZENE		35		.5
54	2-CHLOROTOLUENE		33		.5
55	4-CHLOROTOLUENE		35		.5
56	TERT-BUTYLBENZENE		36		.5
57	1,2,4-TRIMETHYLBENZENE		34		.5
58	SEC-BUTYLBENZENE		35		.5
59	P-ISOPROPYLTOLUENE		36		.5
60	1,3-DICHLOROBENZENE		34		.5
61	1,4-DICHLOROBENZENE		31		.5
62	N-BUTYLBENZENE		35		.5
63	1,2-DICHLOROBENZENE		34		.5
64	1,2-DIBROMO-3-CHLOROPRO		43		.5
65	1,2,4-TRICHLOROBENZENE		38		.5
66	HEXACHLOROBUTADIENE		33		.5
67	NAPHTHALENE		42		.5
68	1,2,3-TRICHLOROBENZENE		38		.5
69	ETHANOL		< MDL		30

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 09:57:51

Sample: AD29455
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 12/12/01 09:55 Ended: 12/12/01 09:55 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		5.6 ✓		.5
3	Dichlorodifluoromethane		130		.5
4	Chloromethane		107.5		.5
5	Vinyl chloride		107.5		.5
6	Bromomethane		92.5		.5
7	Chloroethane		90		.5
8	Trichlorofluoromethane		92.5		.5
9	1,1-Dichloroethene		77.5		.5
10	Methylene Chloride		72.5		.5
11	Methyl tert butyl ether		97.5		1.0
12	trans-1,2-dichloroethene		80		.5
13	1,1-dichloroethane		80		.5
14	2-butanone (MEK)		80		2.0
15	2,2-dichloropropane		85		.5
16	cis-1,2-dichloroethene		87.5		.5
17	Chloroform		82.5		.5
18	Bromochloromethane		85		.5
19	1,2-dichloroethane		85 ✓		.5
20	Surr - TOLUENE-D8		4.8 ✓		.5
21	1,1,1-trichloroethane		77.5		.5
22	1,1-dichloropropene		87.5		.5
23	Carbon tetrachloride		77.5		.5
24	Benzene		80		.5
25	Trichloroethene		82.5		.5
26	1,2-dichloropropane		82.5		.5
27	Dibromomethane		80		.5
28	Bromodichloromethane		85		.5
29	Methyl iso-butyl ketone		100		1.0
30	cis-1,3-dichloropropene		95		.5
31	Toluene		82.5		.5
32	trans-1,3-dichloropropene		107.5		.5
33	1,1,2-trichloroethane		85		.5
34	Tetrachloroethene		80		.5
35	1,3-dichloropropane		87.5		.5
36	Dibromochloromethane		90		2.0
37	Chlorobenzene		80		.5
38	1,1,1,2-tetrachloroethane		85		.5
39	Ethylbenzene		85		.5
40	P & M-xylene		86.25		.5
41	O-xylene		92.5		.5
42	Styrene		92.5		.5
43	1,1,2,2-tetrachloroethane		92.5		.5
44	Bromoform		92.5		2.0
45	Isopropylbenzene		95		.5
46	1,2,3-trichloropropane		82.5		.5
47	N-propylbenzene		87.5		.5
48	Bromobenzene		85		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 09:57:51

Sample: AD29455
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 12/12/01 09:55 Ended: 12/12/01 09:55 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		87.5		.5
50	2-chlorotoluene		82.5		.5
51	4-chlorotoluene		87.5		.5
52	TERT-butylbenzene		90		.5
53	1,2,4-trimethylbenzene		85		.5
54	SEC-butylbenzene		87.5		.5
55	P-isopropyltoluene		90		.5
56	1,3-dichlorobenzene		85		.5
57	1,4-dichlorobenzene		77.5		.5
58	N-butylbenzene		87.5		.5
59	1,2-dichlorobenzene		85		.5
60	1,2,4-trichlorobenzene		95		.5
61	Hexachlorobutadiene		82.5		.5
62	Naphthalene		105		.5
63	1,2,3-trichlorobenzene		95		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC12\1212R40.D
 Acq On : 12 Dec 2001 9:50 am
 Sample : ref 40
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 10:28 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	796880	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.71	117	733144	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.88	152	370175	5.00	ug/L	-0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.30	65	550486	5.31	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	106.20%	
3) 4-BROMOFLUOROBENZENE	24.29	174	317956	5.56	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	111.20%	
25) TOLUENE-D8	18.41	98	994646	4.83	ug/L	-0.03
Spiked Amount	5.000		Recovery	=	96.60%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	1608748	52.39	ug/L	100
5) CHLOROMETHANE	5.47	50	1445890	42.57	ug/L	97
6) VINYL CHLORIDE	5.54	62	1145644	43.46	ug/L	97
7) BROMOMETHANE	6.56	94	1014276	37.37	ug/L	99
8) CHLOROETHANE	6.68	64	870184	36.36	ug/L	94
9) TRICHLOROFLUOROMETHANE	7.24	101	2589753	36.96	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.15	101	9069	0.20	ug/L	88
12) ACETONE	8.22	43	309562	20.76	ug/L	95
13) 1,1-DICHLOROETHENE	8.57	61	2082416	30.63	ug/L	98
14) METHYLENE CHLORIDE	9.58	49	2266581	29.24	ug/L	99
15) METHYL TERT BUTYL ETHER	9.88	73	1765032	39.44	ug/L	100
16) TRANS-1,2-DICHLOROETHENE	10.24	61	2264598	32.28	ug/L	98
17) 1,1-DICHLOROETHANE	11.13	63	2502412	31.93	ug/L	98
18) 2-BUTANONE (MEK)	11.97	43	499162	32.34	ug/L	97
19) 2,2-DICHLOROPROPANE	12.35	77	1858636	34.33	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.44	96	1382959	35.00	ug/L	98
21) CHLOROFORM	12.77	83	2962883	33.08	ug/L	99
22) BROMOCHLOROMETHANE	13.15	49	1431320	33.61	ug/L	98
23) 1,2-DICHLOROETHANE	14.49	62	2422813	33.98	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.67	97	2438199	31.38	ug/L	99
27) 1,1-DICHLOROPROPENE	13.99	75	2081977	34.69	ug/L	97
28) CARBON TETRACHLORIDE	14.25	117	2436874	30.91	ug/L	99
29) BENZENE	14.60	78	4976871	32.17	ug/L	99
30) TRICHLOROETHENE	15.87	95	1594659	33.32	ug/L	97
31) 1,2-DICHLOROPROPANE	16.22	63	1438947	33.37	ug/L	98
32) DIBROMOMETHANE	16.90	174	657121	31.75	ug/L	100
33) BROMODICHLOROMETHANE	16.74	83	2228272	33.83	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.21	63	546888	43.37	ug/L	99

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

1212R40.D HP120301.M Fri Dec 14 09:17:53 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC12\1212R40.D
 Acq On : 12 Dec 2001 9:50 am
 Sample : ref 40
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 10:28 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) MIBK	17.30	58	300895	39.89	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.82	75	1926323	38.15	ug/L	98
37) TOLUENE	18.59	91	4933663	32.98	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.87	75	1641846	42.77	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.25	97	881614	33.73	ug/L	98
40) TETRACHLOROETHENE	20.03	166	1363946	32.00	ug/L	99
41) 1,3-DICHLOROPROPANE	19.77	76	1688679	35.18	ug/L	97
42) DIBROMOCHLOROMETHANE	20.47	129	1304233	36.06	ug/L	98
43) 1,2-DIBROMOETHANE	20.92	107	927945	36.36	ug/L	100
44) CHLOROBENZENE	21.79	112	3206143	31.69	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.85	131	1296652	33.54	ug/L	100
46) 2-HEXANONE	19.15	43	665489	42.91	ug/L	97
47) ETHYLBENZENE	21.83	91	6119635	33.91	ug/L	100
48) P & M-XYLENE	22.00	106	4226094	68.95	ug/L	99
49) O-XYLENE	22.96	91	5083013	36.88	ug/L	98
50) STYRENE	23.03	104	3340948	36.76	ug/L	99
51) 1,1,2,2-TETRACHLOROETHANE	24.04	83	994586	37.39	ug/L	96
53) BROMOFORM	23.88	173	637161	37.42	ug/L	96
54) ISOPROPYLBENZENE	23.69	105	5327472	37.59	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.37	110	298625	33.47	ug/L	91
56) N-PROPYLBENZENE	24.56	91	6853818	35.32	ug/L	99
57) BROMOBENZENE	24.81	156	1297003	33.76	ug/L	96
58) 1,3,5-TRIMETHYLBENZENE	24.88	105	4622703	34.50	ug/L	99
59) 2-CHLOROTOLUENE	25.03	91	4300839	32.76	ug/L	97
60) 4-CHLOROTOLUENE	25.12	91	4478695	35.43	ug/L	99
61) TERT-BUTYLBENZENE	25.66	119	4041329	35.64	ug/L	95
62) 1,2,4-TRIMETHYLBENZENE	25.77	105	4698944	34.29	ug/L	97
63) SEC-BUTYLBENZENE	26.13	105	5341400	34.79	ug/L	99
64) P-ISOPROPYLTOLUENE	26.39	119	4244857	36.05	ug/L	98
65) 1,3-DICHLOROBENZENE	26.74	146	2325021	33.55	ug/L	99
66) 1,4-DICHLOROBENZENE	26.95	146	2325475	31.49	ug/L	98
67) N-BUTYLBENZENE	27.27	91	4613996	35.24	ug/L	97
68) 1,2-DICHLOROBENZENE	27.81	146	1999352	33.85	ug/L	96
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.58	157	112317	42.61	ug/L	81
70) 1,2,4-TRICHLOROBENZENE	31.88	180	1386887	38.01	ug/L	99
71) HEXACHLOROBUTADIENE	32.18	225	892288	32.91	ug/L	97
72) NAPHTHALENE	32.72	128	1788030	42.38	ug/L	96
73) 1,2,3-TRICHLOROBENZENE	33.43	180	1149689	37.93	ug/L	96
74) NITROBENZENE	29.81	77	877159	984.05	ug/L	97

(#) = qualifier out of range (m) = manual integration
 1212R40.D HP120301.M Fri Dec 14 09:17:56 2001

Page 2

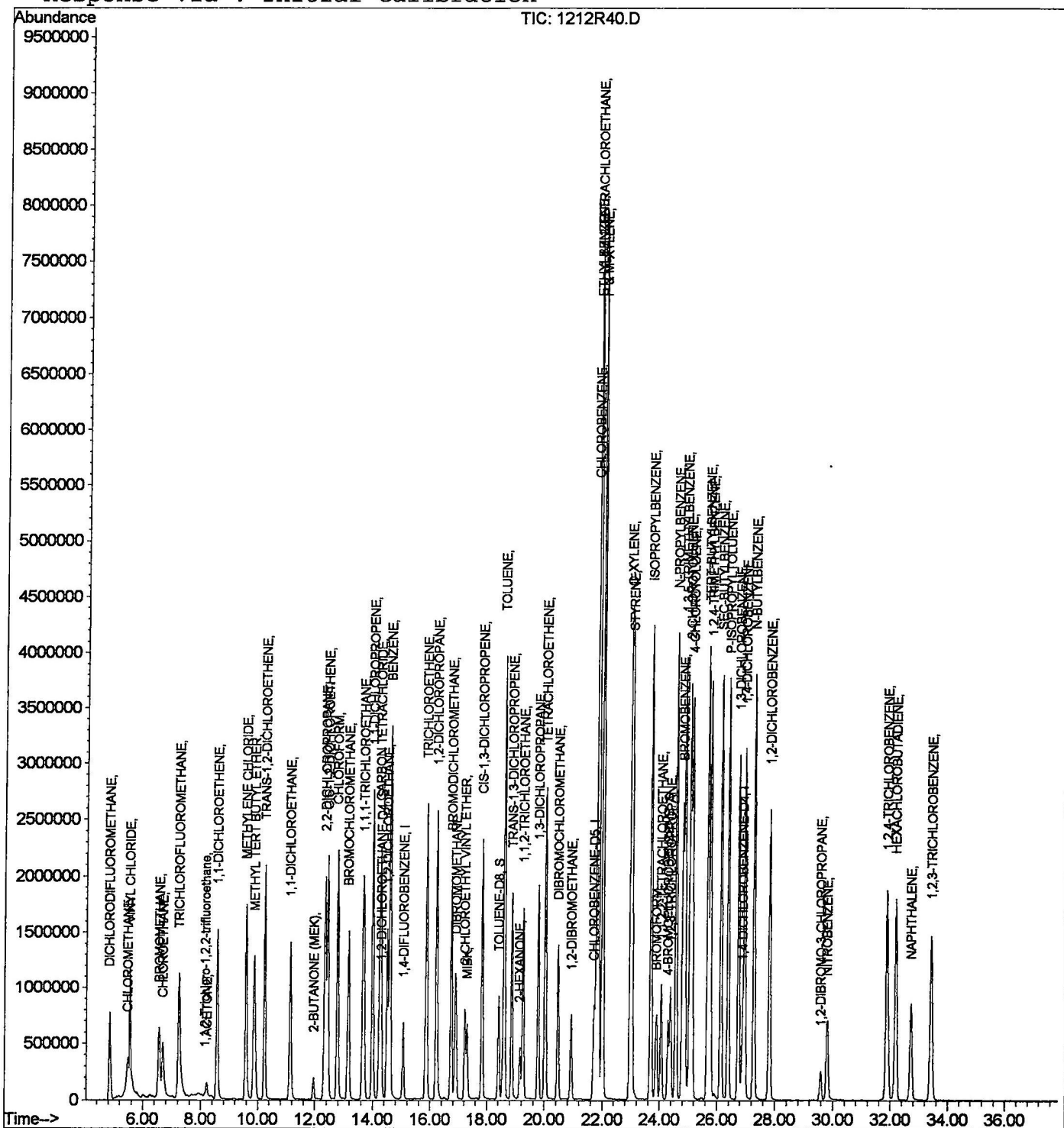
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC12\1212R40.D
Acq On : 12 Dec 2001 9:50 am
Sample : ref 40
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 10:28 2001

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

Quant Results File: HP120301.RES

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Method       : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Tue Dec 04 11:24:20 2001
Response via  : Initial Calibration
```



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 12:44:08

Sample: AD29455
 Analysis: SC2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 12/12/01 00:04 Ended: 12/12/01 00:04 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.3 ✓	.5
2	Surr_4-BROMOFLUOROBENZEN		5.0 ✓	.5
3	Dichlorodifluoromethane		13	.5
4	Chloromethane		11	.5
5	Vinyl chloride		9.9	.5
6	Bromomethane		7.0	.5
7	Chloroethane		9.5	.5
8	Trichlorofluoromethane		9.3	.5
9	1,1-Dichloroethene		9.9	.5
10	Methylene Chloride		11	.5
11	Methyl tert-butyl ether (MTB		9.4	1.0
12	trans-1,2-dichloroethene		10	.5
13	1,1-dichloroethane		10	.5
14	2-butanone (MEK)		7.0	2.0
15	2,2-dichloropropane		9.9	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		10	.5
18	Bromochloromethane		10	.5
19	1,2-dichloroethane		10	.5
20	Surr_TOLUENE-D8		5.2 ✓	.5
21	1,1,1- trichloroethane		10	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		10	.5
24	Benzene		11	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		10	.5
27	Dibromomethane		9.8	.5
28	Bromodichloromethane		10	.5
29	Methyl iso-butyl ketone		10	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		10	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		10	.5
36	Dibromochloromethane		9.9	2.0
37	Chlorobenzene		9.9	.5
38	1,1,1,2-tetrachloroethane		9.8	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		21	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		10	.5
44	Bromoform		8.9	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		10	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 12:44:08

Sample: AD29455
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 12/12/01 00:04 Ended: 12/12/01 00:04 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		9.7	.5
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		12	.5
51	4-chlorotoluene		8.9	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		10	.5
55	P-Isopropyltoluene		10	.5
56	1,3-dichlorobenzene		9.5	.5
57	1,4-dichlorobenzene		9.5	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		9.9	.5
60	1,2,4-trichlorobenzene		9.4	.5
61	Hexachlobutadiene		9.0	.5
62	Naphthalene		9.2	.5
63	1,2,3-trichlorobenzene		9.8	.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC12\1212C10A.D

Vial: 12

Acq On : 12 Dec 2001 4:50 pm

Operator: 201-wb

Sample : cal 10 w/acrolein 250

Inst : GC/MS Ins

Misc : December 12, 2001

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 13 8:21 2001

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 13 08:21:41 2001

Response via : Initial Calibration

DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	723524	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.72	117	616000	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.90	152	325889	5.00	ug/L	-0.03

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.32	65	499780	5.31	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	106.20%	
3) 4-BROMOFLUOROBENZENE	24.32	174	259446	4.99	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	99.80%	
25) TOLUENE-D8	18.43	98	898899	5.19	ug/L	-0.02
Spiked Amount	5.000		Recovery	=	103.80%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	359180	13.10	ug/L	98
5) CHLOROMETHANE	5.49	50	336217	10.81	ug/L	97
6) VINYL CHLORIDE	5.58	62	298623	9.90	ug/L	99
7) BROMOMETHANE	6.58	94	173057	7.02	ug/L	92
8) CHLOROETHANE	6.70	64	207373	9.54	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	592844	9.32	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.15	101	388911	9.66	ug/L	97
12) ACETONE	8.24	43	89756	6.63	ug/L	96
13) 1,1-DICHLOROETHENE	8.59	61	613685	9.94	ug/L	98
14) METHYLENE CHLORIDE	9.60	49	739709	10.51	ug/L	96
15) METHYL TERT BUTYL ETHER	9.89	73	382172	9.41	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.26	61	635758	9.98	ug/L	95
17) 1,1-DICHLOROETHANE	11.15	63	711690	10.00	ug/L	97
18) 2-BUTANONE (MEK)	11.98	43	98435	7.02	ug/L	97
19) 2,2-DICHLOROPROPANE	12.37	77	486371	9.89	ug/L	91
20) CIS-1,2-DICHLOROETHENE	12.45	96	366565	10.22	ug/L	96
21) CHLOROFORM	12.80	83	818260	10.06	ug/L	96
22) BROMOCHLOROMETHANE	13.17	49	393231	10.17	ug/L	96
23) 1,2-DICHLOROETHANE	14.51	62	671451	10.37	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.69	97	652028	9.99	ug/L	95
27) 1,1-DICHLOROPROPENE	14.01	75	516052	10.23	ug/L	98
28) CARBON TETRACHLORIDE	14.27	117	671252	10.13	ug/L	98
29) BENZENE	14.62	78	1402899	10.79	ug/L	100
30) TRICHLOROETHENE	15.89	95	402777	10.02	ug/L	97
31) 1,2-DICHLOROPROPANE	16.24	63	371187	10.24	ug/L	99
32) DIBROMOMETHANE	16.92	174	170556	9.81	ug/L	94
33) BROMODICHLOROMETHANE	16.76	83	565786	10.22	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	99037	9.35	ug/L	97

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

1212C10A.D HP120301.M

Fri Dec 14 09:17:00 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC12\1212C10A.D
 Acq On : 12 Dec 2001 4:50 pm
 Sample : cal 10 w/acrolein 250
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 13 8:21 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 13 08:21:41 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) MIBK	17.32	58	64617	10.19 ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.86	75	440700	10.39 ug/L	98
37) TOLUENE	18.61	91	1337737	10.64 ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	328279	10.18 ug/L	100
39) 1,1,2-TRICHLOROETHANE	19.27	97	221607	10.09 ug/L	97
40) TETRACHLOROETHENE	20.05	166	359298	10.03 ug/L	97
41) 1,3-DICHLOROPROPANE	19.79	76	422798	10.48 ug/L	97
42) DIBROMOCHLOROMETHANE	20.49	129	301311	9.92 ug/L	96
43) 1,2-DIBROMOETHANE	20.94	107	215752	10.06 ug/L	94
44) CHLOROBENZENE	21.81	112	841707	9.90 ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	317104	9.76 ug/L	99
46) 2-HEXANONE	19.16	43	132729	10.19 ug/L	97
47) ETHYLBENZENE	21.86	91	1568282	10.34 ug/L	99
48) P & M-XYLENE	22.02	106	1082812	21.03 ug/L	93
49) O-XYLENE	22.98	91	1238669	10.70 ug/L	96
50) STYRENE	23.05	104	808817	10.59 ug/L	98
51) 1,1,2,2-TETRACHLOROETHANE	24.06	83	234432	10.49 ug/L	99
53) BROMOFORM	23.90	173	133810	8.93 ug/L	94
54) ISOPROPYLBENZENE	23.71	105	1298849	10.41 ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.39	110	78357	9.98 ug/L	98
56) N-PROPYLBENZENE	24.58	91	1740398	10.19 ug/L	99
57) BROMOBENZENE	24.83	156	327611	9.69 ug/L	97
58) 1,3,5-TRIMETHYLBENZENE	24.90	105	1200662	10.18 ug/L	97
59) 2-CHLOROTOLUENE	25.05	91	1334458	11.54 ug/L	96
60) 4-CHLOROTOLUENE	25.14	91	991104	8.90 ug/L	98
61) TERT-BUTYLBENZENE	25.70	119	1022782	10.25 ug/L	98
62) 1,2,4-TRIMETHYLBENZENE	25.78	105	1243169	10.30 ug/L	97
63) SEC-BUTYLBENZENE	26.15	105	1357597	10.04 ug/L	99
64) P-ISOPROPYLTOLUENE	26.39	119	1056031	10.19 ug/L	98
65) 1,3-DICHLOROBENZENE	26.76	146	580646	9.52 ug/L	95
66) 1,4-DICHLOROBENZENE	26.97	146	618310	9.51 ug/L	97
67) N-BUTYLBENZENE	27.28	91	1170857	10.16 ug/L	96
68) 1,2-DICHLOROBENZENE	27.82	146	512245	9.85 ug/L	94
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.60	157	21681	9.34 ug/L	90
70) 1,2,4-TRICHLOROBENZENE	31.90	180	301864	9.40 ug/L	97
71) HEXACHLOROBUTADIENE	32.21	225	215073	9.01 ug/L	95
72) NAPHTHALENE	32.75	128	343408	9.25 ug/L	96
73) 1,2,3-TRICHLOROBENZENE	33.45	180	262460	9.84 ug/L	98
74) NITROBENZENE	29.83	77	128501	163.75 ug/L	95

(#) = qualifier out of range (m) = manual integration
 1212C10A.D HP120301.M Fri Dec 14 09:17:03 2001

Page 2

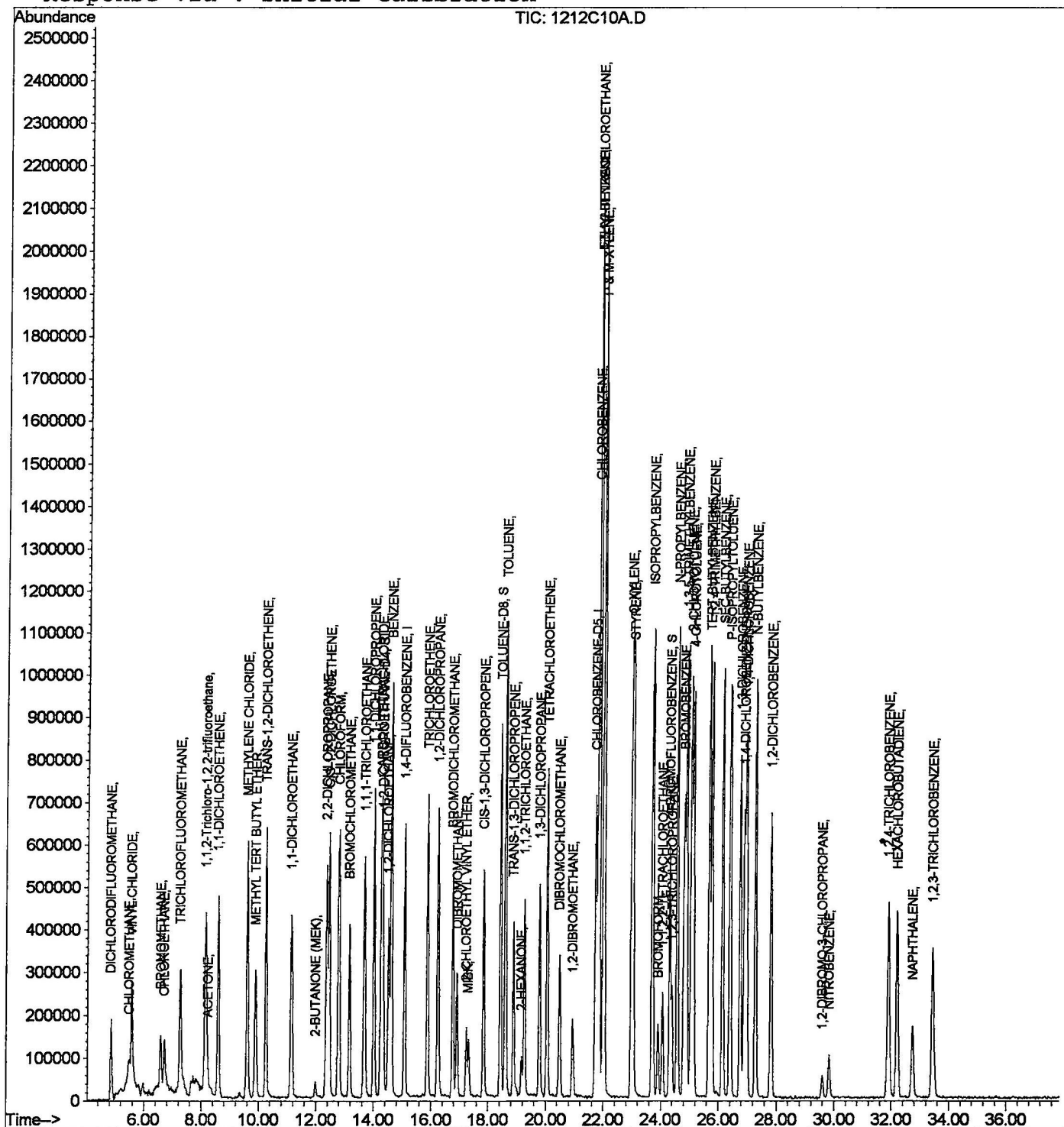
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC12\1212C10A.D
Acq On : 12 Dec 2001 4:50 pm
Sample : cal 10 w/acrolein 250
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 13 8:21 2001

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

Quant Results File: HP120301.RES

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Method       : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Tue Dec 04 11:24:20 2001
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 10:03:01

Sample: AD29455
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/12/01 00:04 Ended: 12/12/01 00:04 Analyst: BH
 Result source: a:\29455.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY	<i>[Signature]</i>
DATE	12/19/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:03:01

Sample: AD29455

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/12/01 00:04 Ended: 12/12/01 00:04 Analyst: BH

Result source: a:\29455.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec12\29455.D
 Acq On : 12 Dec 2001 4:07 pm
 Sample : nyc
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 16:45 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	640535	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.72	117	563559	5.00	ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	254225	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	408566	4.90	ug/L	-0.03
Spiked Amount 5.000			Recovery	=	98.00%	
3) 4-BROMOFLUOROBENZENE	24.32	174	208237	4.53	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	90.60%	
25) TOLUENE-D8	18.43	98	788202	4.98	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	99.60%	
Target Compounds						Qvalue
7) BROMOMETHANE	6.75	94	1093	0.05	ug/L	93
10) Isopropyl Alcohol	7.75	45	4765	6.46	ug/L	76
12) ACETONE	8.24	43	55784	4.65	ug/L	87
18) 2-BUTANONE (MEK)	11.98	43	4029	0.32	ug/L	65
46) 2-HEXANONE	19.13	43	790	0.07	ug/L	37
55) 1,2,3-TRICHLOROPROPANE	24.49	110	416	0.07	ug/L	90

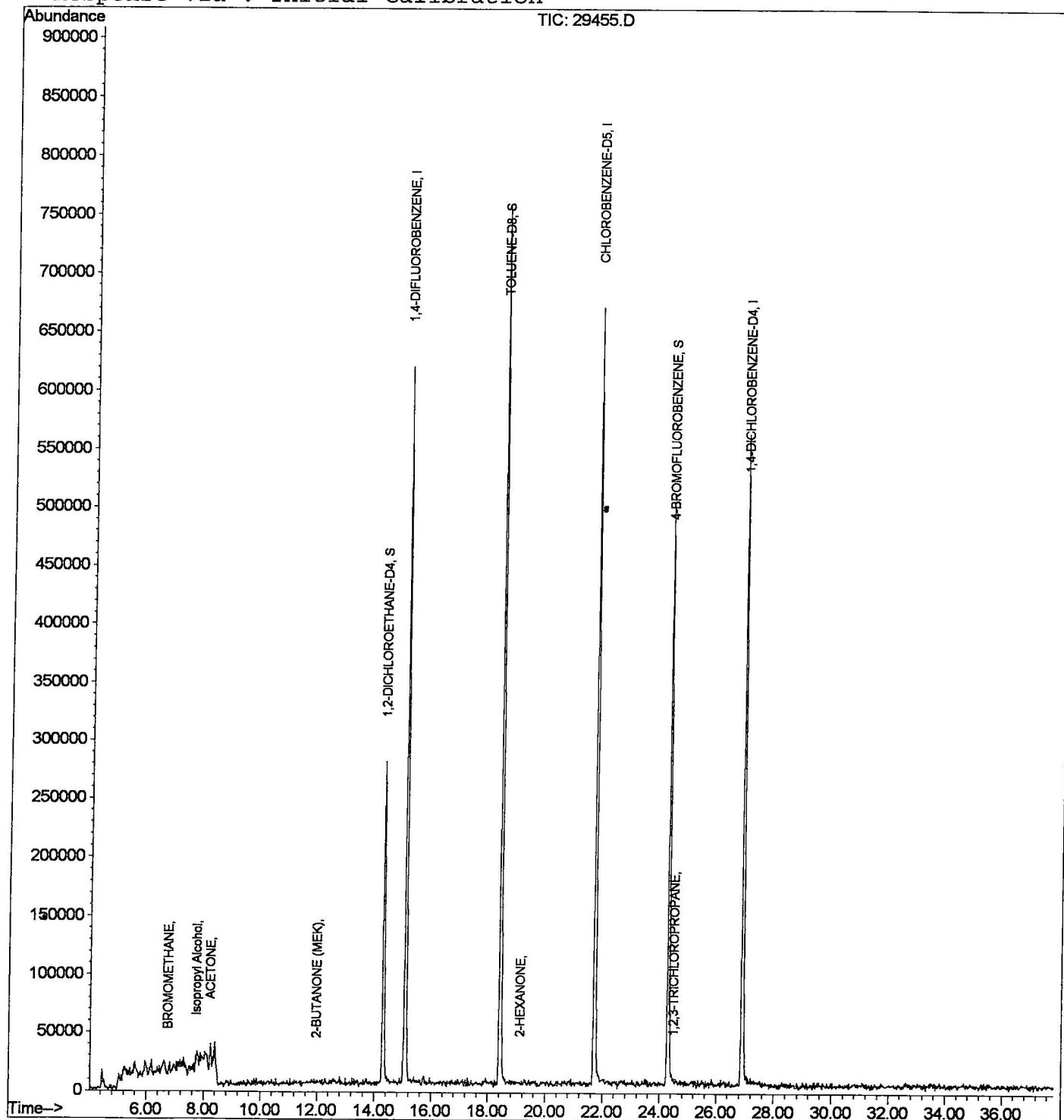
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec12\29455.D
Acq On : 12 Dec 2001 4:07 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 16:45 2001

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

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 10:04:37

Sample: AD29456
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/12/01 00:05 Ended: 12/12/01 00:05 Analyst: BH
 Result source: a:\29456.rr
 Page: 1

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

REVIEWED BY	<i>AV</i>
DATE	12/19/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:04:37

Sample: AD29456
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/12/01 00:05 Ended: 12/12/01 00:05 Analyst: BH
Result source: a:\29456.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec12\29456.D
 Acq On : 12 Dec 2001 5:33 pm
 Sample : nyc
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 18:11 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	670321	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	563749	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	240282	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	455404	5.22	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	104.40%	
3) 4-BROMOFLUOROBENZENE	24.32	174	203103	4.22	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	84.40%	
25) TOLUENE-D8	18.43	98	822337	5.19	ug/L	-0.02
Spiked Amount 5.000			Recovery	=	103.80%	
Target Compounds						Qvalue
7) BROMOMETHANE	6.33	94	1153	0.05	ug/L	64
10) Isopropyl Alcohol	7.85	45	6912	8.95	ug/L	98
12) ACETONE	8.26	43	64976	5.18	ug/L	95
46) 2-HEXANONE	19.18	43	1119	0.09	ug/L	54

 (#) = qualifier out of range (m) = manual integration
 29456.D HP120301.M Wed Dec 12 18:11:45 2001

Page 1

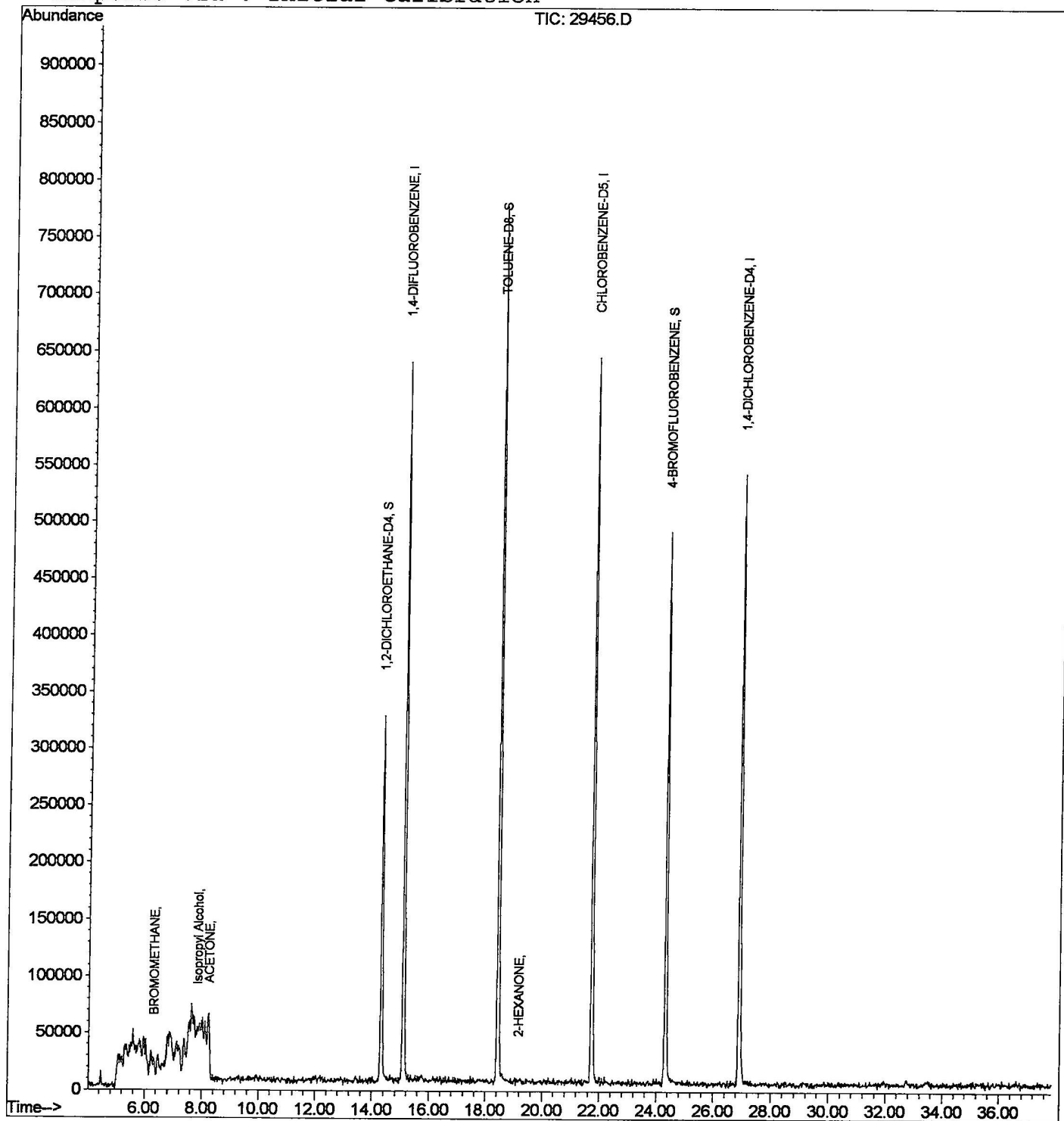
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec12\29456.D
Acq On : 12 Dec 2001 5:33 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 18:11 2001

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

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/14/2001 Time: 10:07:24

Sample: AD29457

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/12/01 00:06 Ended: 12/12/01 00:06 Analyst: BH

Result source: a:\29457.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.4		.5
2	Surr - 4-BROMOFLUOROBENZ		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 (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.3		.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-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

REVIEWED BY *AV*
 DATE *12/19/01*

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/14/2001 Time: 10:07:24

Sample: AD29457

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/12/01 00:06 Ended: 12/12/01 00:06 Analyst: BH

Result source: a:\29457.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec12\29457.D
 Acq On : 12 Dec 2001 6:16 pm
 Sample : nyc
 Misc : December 12, 2001
 MS Integration Params: LSCINT.P
 Quant Time: Dec 12 18:54 2001

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

Quant Results File: HP120301.RES

Quant Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Tue Dec 04 11:24:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP120301

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	651346	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	541285	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	237057	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	458698	5.41	ug/L	0.00
Spiked Amount 5.000			Recovery	=	108.20%	
3) 4-BROMOFLUOROBENZENE	24.34	174	195950	4.19	ug/L	0.00
Spiked Amount 5.000			Recovery	=	83.80%	
25) TOLUENE-D8	18.45	98	803074	5.28	ug/L	0.00
Spiked Amount 5.000			Recovery	=	105.60%	
Target Compounds						Qvalue
6) VINYL CHLORIDE	5.56	62	2231	0.43	ug/L	76
7) BROMOMETHANE	6.57	94	2628	0.12	ug/L	73
10) Isopropyl Alcohol	7.78	45	8194	10.92	ug/L	75
12) ACETONE	8.26	43	28650	2.35	ug/L	84
18) 2-BUTANONE (MEK)	12.02	43	7157	0.57	ug/L	65
46) 2-HEXANONE	19.09	43	1294	0.11	ug/L	37

 (#) = qualifier out of range (m) = manual integration
 29457.D HP120301.M Wed Dec 12 18:54:45 2001

Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec12\29457.D
Acq On : 12 Dec 2001 6:16 pm
Sample : nyc
Misc : December 12, 2001
MS Integration Params: LSCINT.P
Quant Time: Dec 12 18:54 2001

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

Quant Results File: HP120301.RES

Method : C:\HPCHEM\1\METHODS\HP120301.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Dec 04 11:24:20 2001
Response via : Initial Calibration

