

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/23/2002 Time: 14:38:31

Sample: AE01036
 Analysis: \$B2524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 1/17/02 00:01 Ended: 1/17/02 00:01 Analyst: BH
 Result source: a:\0117b2.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.8
2	Surr - 4-BROMOFLUOROBENZ		4.8
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		0.076
5	VINYL CHLORIDE		0.088
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.64
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		0.18
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETH		< MDL
18	CHLOROFORM		
19	BROMOCHLOROMETH,		
20	1,2-DICHLOROETHANE		
21	Surr - TOLUENE-D8		
22	1,1,1-TRICHLOROETH,		
23	1,1-DICHLOROPROPEN		
24	CARBON TETRACHLO		
25	BENZENE		
26	TRICHLOROETHENE		
27	1,2-DICHLOROPROPA		
28	DIBROMOMETHANE		
29	BROMODICHLOROME		
30	2-CHLOROETHYL VIN		
31	MIBK		
32	CIS-1,3-DICHLOROPR		
33	TOLUENE		
34	TRANS-1,3-DICHLOR		
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		0.17
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

*Areas of internal standards
 not consistent.
 run on 1/17 0V*

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2	Surr - 4-BROMOFLUOROBENZ		4.8
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		0.076
5	VINYL CHLORIDE		0.088
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.64
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		0.18
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.3
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		0.17
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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Started: 1/17/02 00:01 Ended: 1/17/02 00:01 Analyst: BH
Result source: a:\0117b2.rr
Page: 2

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

Data File : C:\HPCHEM\1\DATA\02jan17\0117B2.D
 Acq On : 17 Jan 2002 11:54 am
 Sample :
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 17 12:32 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	15.14	114	447069	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	372908	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	178376	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	279929	4.82	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	96.40%	
3) 4-BROMOFLUOROBENZENE	24.39	174	146266	4.83	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	96.60%	
25) TOLUENE-D8	18.50	98	523425	5.27	ug/L	-0.04
Spiked Amount 5.000			Recovery	=	105.40%	
Target Compounds						
5) CHLOROMETHANE	5.71	50	1654	0.08	ug/L	87
6) VINYL CHLORIDE	5.74	62	1578	0.09	ug/L	73
10) Isopropyl Alcohol	7.82	45	934	1.93	ug/L	93
12) ACETONE	8.33	43	3719	0.64	ug/L	52
18) 2-BUTANONE (MEK)	12.05	43	3913	0.18	ug/L	65
46) 2-HEXANONE	19.20	43	1389	0.17	ug/L	36

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

0117B2.D HP010702.M Thu Jan 17 12:32:59 2002

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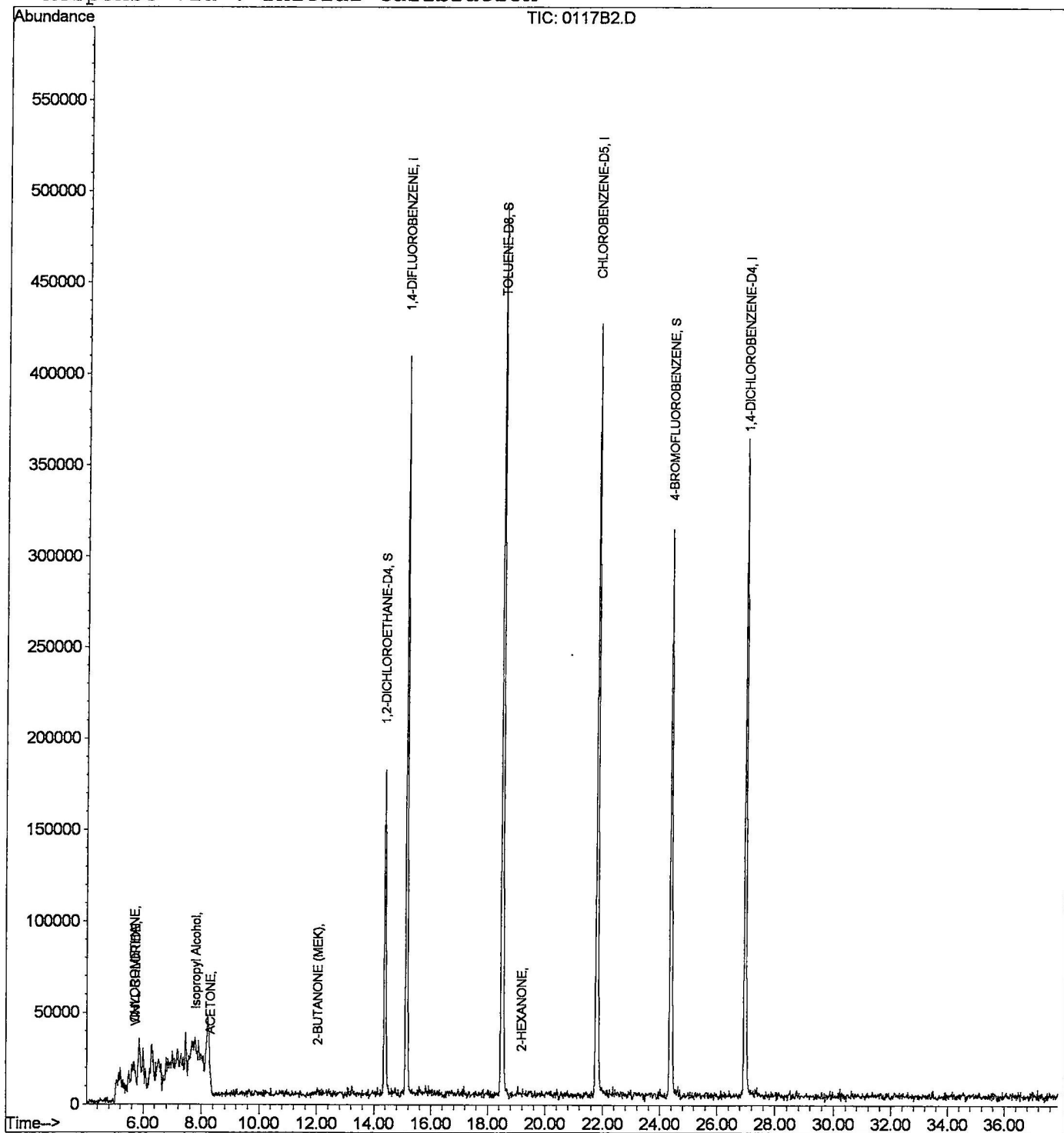
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan17\0117B2.D
Acq On : 17 Jan 2002 11:54 am
Sample :
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 12:32 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: 01/23/2002 Time: 14:44:06

Sample: AE01036
 Analysis: §C3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 1/17/02 00:02 Ended: 1/17/02 00:02 Analyst: BH
 Result source: a:\0117c10b.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.8		.5
3	Dichlorodifluoromethane		12		.5
4	Chloromethane		11		.5
5	Vinyl chloride		12		.5
6	Bromomethane		11		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		8.4		.5
10	Methylene Chloride		9.0		.5
11	Methyl tert-butyl ether		8.1		1.0
12	trans-1,2-dichloroethene		9.1		.5
13	1,1-dichloroethane		9.4		.5
14	2-butanone (MEK)		8.1		2.0
15	2,2-dichloropropane		9.4		.5
16	cis-1,2-dichloroethene		9.8		.5
17	Chloroform		9.6		.5
18	Bromochloromethane		9.2		.5
19	1,2-dichloroethane		9.1		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		9.7		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		10		.5
24	Benzene		10		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		9.7		.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		9.9		.5
34	Tetrachloroethene		10		.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		21		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		9.7		.5
44	Bromoform		10		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		9.8		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		11		.5

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Date: 01/23/2002 Time: 14:44:06

Sample: AEO1036
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/17/02 00:02 Ended: 1/17/02 00:02 Analyst: BH
Result source: a:\0117c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		12		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		12		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		9.2		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		170		5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan17\0117C10B.D
 Acq On : 17 Jan 2002 2:21 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 17 15:00 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 : 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	15.14	114	882310	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	757088	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	361238	5.00	ug/L	-0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.37	65	558839	4.88	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	97.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	284973	4.77	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	95.40%	
25) TOLUENE-D8	18.48	98	1072667	5.32	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	106.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	452189	11.69	ug/L	100
5) CHLOROMETHANE	5.50	50	458435	10.67	ug/L	92
6) VINYL CHLORIDE	5.62	62	437201	12.33	ug/L	97
7) BROMOMETHANE	6.61	94	309741	11.04	ug/L	94
8) CHLOROETHANE	6.75	64	281648	11.34	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.32	101	794466	11.35	ug/L	98
10) Isopropyl Alcohol	7.99	45	1558	1.63	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	376432	8.13	ug/L	98
12) ACETONE	8.29	43	90592	7.92	ug/L	99
13) 1,1-DICHLOROETHENE	8.64	61	591701	8.44	ug/L	96
14) METHYLENE CHLORIDE	9.63	49	730506	8.99	ug/L	98
15) METHYL TERT BUTYL ETHER	9.95	73	385192	8.12	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.29	61	634729	9.14	ug/L	98
17) 1,1-DICHLOROETHANE	11.20	63	714648	9.37	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	123326	8.14	ug/L	94
19) 2,2-DICHLOROPROPANE	12.42	77	502399	9.41	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.51	96	379380	9.80	ug/L	98
21) CHLOROFORM	12.84	83	837850	9.61	ug/L	100
22) BROMOCHLOROMETHANE	13.22	49	406355	9.23	ug/L	97
23) 1,2-DICHLOROETHANE	14.56	62	659923	9.11	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.74	97	671979	9.74	ug/L	98
27) 1,1-DICHLOROPROPENE	14.06	75	565669	10.57	ug/L	98
28) CARBON TETRACHLORIDE	14.32	117	692485	9.98	ug/L	99
29) BENZENE	14.67	78	1412532	10.18	ug/L	100
30) TRICHLOROETHENE	15.94	95	434125	10.20	ug/L	97
31) 1,2-DICHLOROPROPANE	16.29	63	396624	9.95	ug/L	96
32) DIBROMOMETHANE	16.97	174	171299	9.73	ug/L	98
33) BROMODICHLOROMETHANE	16.81	83	592016	10.05	ug/L	96

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

0117C10B.D HP010702.M

Thu Jan 17 15:00:09 2002

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Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan17\0117C10B.D

Vial: 6

Acq On : 17 Jan 2002 2:21 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 17 15:00 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	17.30	63	119501	9.54	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.37	58	73019	9.53	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.91	75	474829	10.44	ug/L	99
37) TOLUENE	18.66	91	1415280	10.61	ug/L	100
38) TRANS-1,3-DICHLOROPROPENE	18.94	75	345033	9.95	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.32	97	229489	9.90	ug/L	95
40) TETRACHLOROETHENE	20.10	166	375044	10.44	ug/L	93
41) 1,3-DICHLOROPROPANE	19.86	76	437169	9.74	ug/L	99
42) DIBROMOCHLOROMETHANE	20.56	129	308278	9.75	ug/L	98
43) 1,2-DIBROMOETHANE	20.99	107	217905	9.38	ug/L	97
44) CHLOROBENZENE	21.88	112	906861	10.10	ug/L	100
45) 1,1,1,2-TETRACHLOROETHANE	21.92	131	339196	10.04	ug/L	96
46) 2-HEXANONE	19.22	43	153778	9.04	ug/L	100
47) ETHYLBENZENE	21.92	91	1779937	10.66	ug/L	98
48) P & M-XYLENE	22.07	106	1179369	21.28	ug/L	99
49) O-XYLENE	23.05	91	1382116	10.89	ug/L	98
50) STYRENE	23.10	104	868588	10.74	ug/L	94
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	246490	9.74	ug/L	94
53) BROMOFORM	23.97	173	144160	10.29	ug/L	93
54) ISOPROPYLBENZENE	23.78	105	1464552	11.79	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.46	110	76452	9.80	ug/L	92
56) N-PROPYLBENZENE	24.65	91	1949826	11.24	ug/L	99
57) BROMOBENZENE	24.90	156	346091	10.51	ug/L	94
58) 1,3,5-TRIMETHYLBENZENE	24.97	105	1333391	11.38	ug/L	99
59) 2-CHLOROTOLUENE	25.12	91	1245859	10.27	ug/L	96
60) 4-CHLOROTOLUENE	25.21	91	1308827	11.74	ug/L	98
61) TERT-BUTYLBENZENE	25.75	119	1132899	11.29	ug/L	97
62) 1,2,4-TRIMETHYLBENZENE	25.85	105	1384953	11.47	ug/L	100
63) SEC-BUTYLBENZENE	26.22	105	1527623	11.41	ug/L	97
64) P-ISOPROPYLTOLUENE	26.48	119	1172621	11.59	ug/L	93
65) 1,3-DICHLOROBENZENE	26.83	146	614595	10.56	ug/L	99
66) 1,4-DICHLOROBENZENE	27.04	146	640640	10.72	ug/L	96
67) N-BUTYLBENZENE	27.35	91	1324441	11.43	ug/L	97
68) 1,2-DICHLOROBENZENE	27.91	146	522448	10.19	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.69	157	23996	9.50	ug/L	86
70) 1,2,4-TRICHLOROBENZENE	31.99	180	329128	10.59	ug/L	94
71) HEXACHLOROBUTADIENE	32.30	225	241372	10.99	ug/L	96
72) NAPHTHALENE	32.84	128	376544	9.20	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.56	180	270806	10.14	ug/L	99
74) NITROBENZENE	29.91	77	150257	172.41	ug/L	97

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

0117C10B.D HP010702.M

Thu Jan 17 15:00:11 2002

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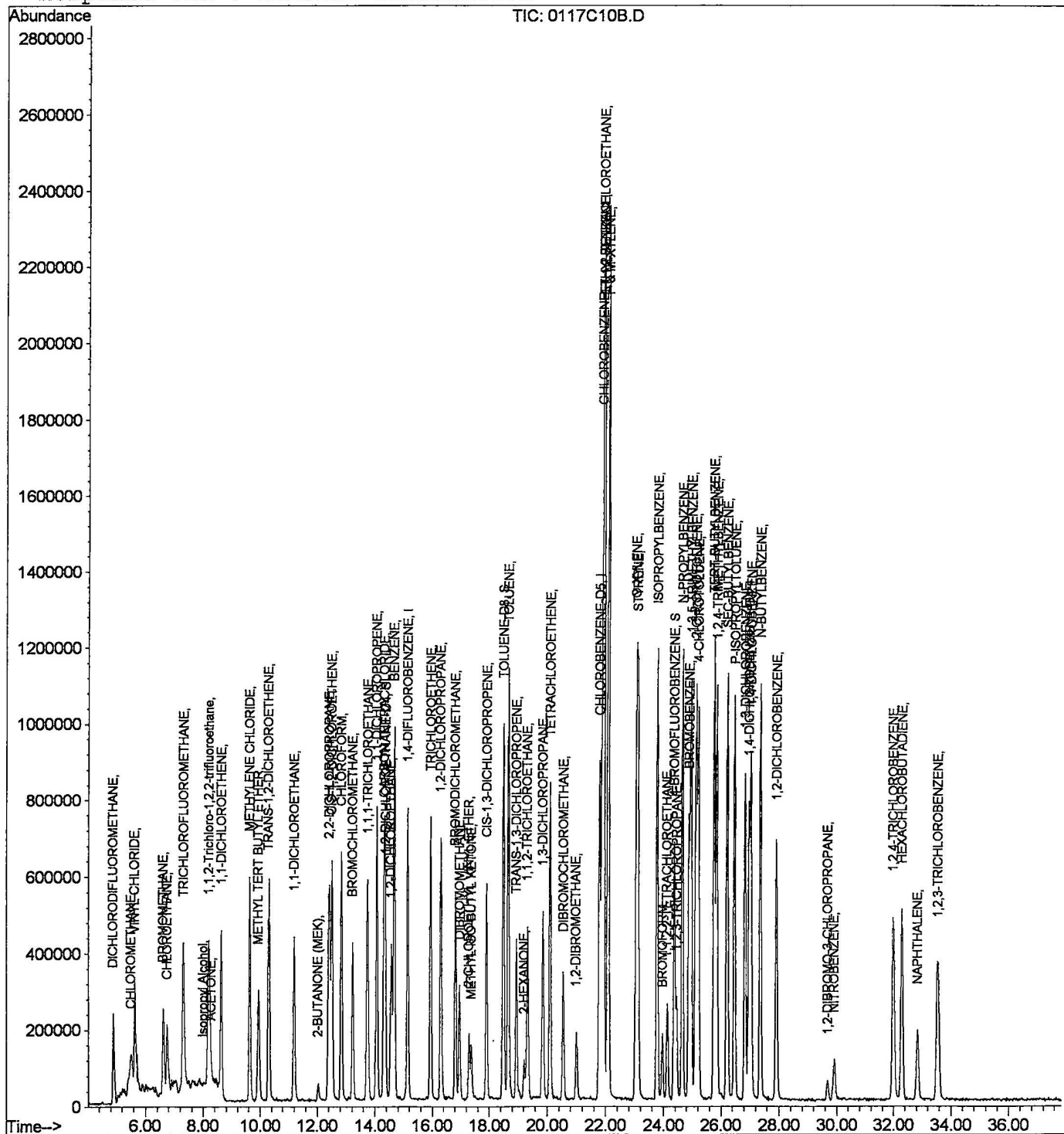
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan17\0117C10B.D
Acq On : 17 Jan 2002 2:21 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 15:00 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



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\0117R40.D

Vial: 7

Acq On : 17 Jan 2002 3:30 pm

Operator: 201-wb

Sample : ref40

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 17 16:08 2002

Quant Results File: HP010702.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : 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	15.12	114	955977	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.80	117	832501	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	422854	5.00	ug/L	-0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.36	65	611264	4.93	ug/L	-0.07
Spiked Amount	5.000		Recovery	=	98.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	330387	5.10	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	102.00%	
25) TOLUENE-D8	18.48	98	1157191	5.22	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	104.40%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	1314759	31.38	ug/L	99
5) CHLOROMETHANE	5.50	50	1459243	31.36	ug/L	96
6) VINYL CHLORIDE	5.60	62	1283055	33.38	ug/L	97
7) BROMOMETHANE	6.61	94	1189690	39.15	ug/L	95
8) CHLOROETHANE	6.75	64	960394	35.68	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.30	101	2797986	36.88	ug/L	100
10) Isopropyl Alcohol	7.82	45	1965	1.90	ug/L	92
12) ACETONE	8.27	43	393296	31.73	ug/L	99
13) 1,1-DICHLOROETHENE	8.62	61	2460081	32.38	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	2644354	30.05	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	1669959	32.50	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.30	61	2677171	35.58	ug/L	97
17) 1,1-DICHLOROETHANE	11.20	63	3010200	36.43	ug/L	99
18) 2-BUTANONE (MEK)	12.02	43	549527	34.56	ug/L	100
19) 2,2-DICHLOROPROPANE	12.40	77	2305454	39.86	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.51	96	1619052	38.60	ug/L	93
21) CHLOROFORM	12.84	83	3442522	36.45	ug/L	100
22) BROMOCHLOROMETHANE	13.22	49	1672837	35.09	ug/L	99
23) 1,2-DICHLOROETHANE	14.56	62	2789334	35.55	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.73	97	2927738	38.57	ug/L	99
27) 1,1-DICHLOROPROPENE	14.06	75	2529044	42.99	ug/L	99
28) CARBON TETRACHLORIDE	14.32	117	2901090	38.02	ug/L	97
29) BENZENE	14.67	78	5931919	38.87	ug/L	98
30) TRICHLOROETHENE	15.94	95	1898776	40.57	ug/L	96
31) 1,2-DICHLOROPROPANE	16.29	63	1687213	38.50	ug/L	98
32) DIBROMOMETHANE	16.97	174	725452	37.45	ug/L	95
33) BROMODICHLOROMETHANE	16.81	83	2592755	40.02	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	568445	41.25	ug/L	96

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

0117R40.D HP013102.M

Tue Feb 05 12:13:46 2002

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\0117R40.D

Vial: 7

Acq On : 17 Jan 2002 3:30 pm

Operator: 201-wb

Sample : ref40

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 17 16:08 2002

Quant Results File: HP010702.RES

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

Title : VOCs BY EPA METHOD 524

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

Response via : Initial Calibration

DataAcq Meth : HP010702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) METHYL ISO-BUTYL KETONE	17.37	58	286026	33.96	ug/L	100
36) CIS-1,3-DICHLOROPROPENE	17.89	75	2298513	45.97	ug/L	98
37) TOLUENE	18.66	91	5858123	39.92	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.94	75	1865661	48.93	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.32	97	944401	37.06	ug/L	97
40) TETRACHLOROETHENE	20.11	166	1574498	39.84	ug/L	98
41) 1,3-DICHLOROPROPANE	19.86	76	1899430	38.50	ug/L	96
42) DIBROMOCHLOROMETHANE	20.54	129	1446401	41.62	ug/L	97
43) 1,2-DIBROMOETHANE	20.99	107	1022549	40.05	ug/L	96
44) CHLOROBENZENE	21.88	112	3724691	37.74	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.92	131	1494275	40.23	ug/L	97
46) 2-HEXANONE	19.22	43	668819	35.77	ug/L	97
47) ETHYLBENZENE	21.92	91	7356951	40.09	ug/L	100
48) P & M-XYLENE	22.07	106	4946795	81.17	ug/L	98
49) O-XYLENE	23.05	91	6046838	43.32	ug/L	100
50) STYRENE	23.10	104	3851460	43.30	ug/L	96
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	1017141	36.54	ug/L	98
53) BROMOFORM	23.97	173	657796	40.10	ug/L	99
54) ISOPROPYLBENZENE	23.76	105	6292938	43.28	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.46	110	313378	34.30	ug/L	96
56) N-PROPYLBENZENE	24.64	91	8266096	40.71	ug/L	99
57) BROMOBENZENE	24.90	156	1475463	38.27	ug/L	93
58) 1,3,5-TRIMETHYLBENZENE	24.95	105	5822019	42.44	ug/L	99
59) 2-CHLOROTOLUENE	25.12	91	5428362	38.21	ug/L	97
60) 4-CHLOROTOLUENE	25.19	91	5354366	41.01	ug/L	100
61) TERT-BUTYLBENZENE	25.75	119	4970969	42.33	ug/L	98
62) 1,2,4-TRIMETHYLBENZENE	25.84	105	5841977	41.35	ug/L	100
63) SEC-BUTYLBENZENE	26.20	105	6660301	42.50	ug/L	98
64) P-ISOPROPYLTOLUENE	26.47	119	5317399	44.90	ug/L	96
65) 1,3-DICHLOROBENZENE	26.83	146	2658105	39.03	ug/L	98
66) 1,4-DICHLOROBENZENE	27.04	146	2638554	37.73	ug/L	96
67) N-BUTYLBENZENE	27.35	91	5822493	42.93	ug/L	99
68) 1,2-DICHLOROBENZENE	27.89	146	2264036	37.74	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.69	157	115988	39.24	ug/L	87
70) 1,2,4-TRICHLOROBENZENE	31.99	180	1552623	42.69	ug/L	99
71) HEXACHLOROBUTADIENE	32.30	225	1067857	41.52	ug/L	100
72) NAPHTHALENE	32.83	128	2036422	42.48	ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.54	180	1261234	40.32	ug/L	97
74) NITROBENZENE	29.90	77	869116	851.93	ug/L	98

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

0117R40.D HP013102.M

Tue Feb 05 12:13:55 2002

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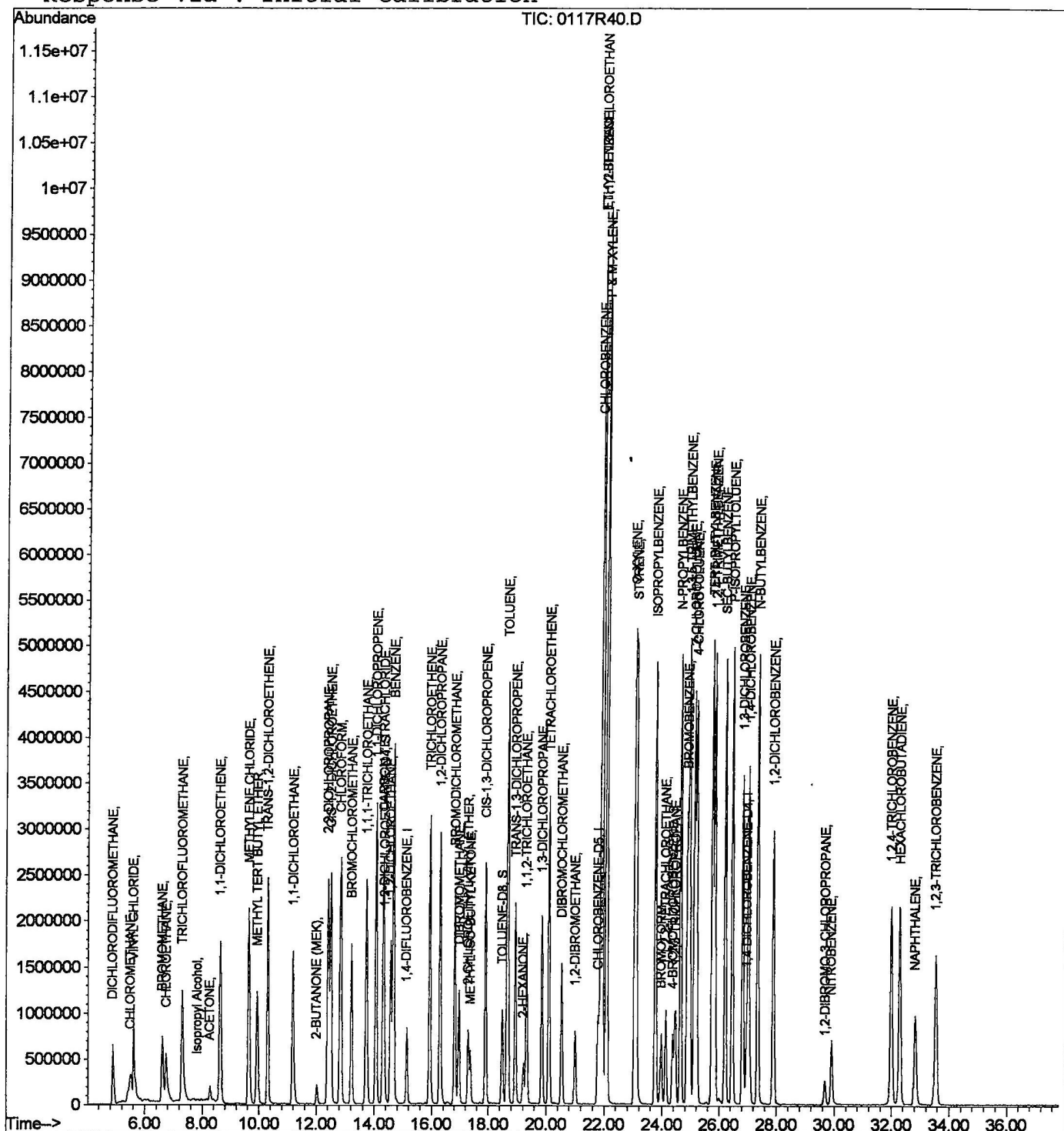
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\0117R40.D
Acq On : 17 Jan 2002 3:30 pm
Sample : ref40
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 16:08 2002 Qua

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

Quant Results File: HP010702.RES

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Method       : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Fri Feb 01 13:18:32 2002
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/23/2002 Time: 14:37:00

Sample: AE01036
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 1/17/02 00:06 Ended: 1/17/02 00:06 Analyst: BH
 Result source: a:\1036.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.5		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/23/2002 Time: 14:37:00

Sample: AE01036
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 1/17/02 00:06 Ended: 1/17/02 00:06 Analyst: BH
Result source: a:\1036.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

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/23/2002 Time: 14:37:55

Sample: AEO1036

Analysis: \$P_524 Duplicate calculation for 524

Units: ug

Started: 1/22/02 00:08 Ended: 1/22/02 00:08 Analyst: BH

Result source: calculation

Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.40
2	Surr - 4-BROMOFLUOROBENZ		1.2
3	DICHLORODIFLUOROMETHAN		< 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		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.70
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/23/2002 Time: 14:37:55

Sample: AE01036
Analysis: \$P_524 Duplicate calculation for 524
Units: ug
Started: 1/22/02 00:08 Ended: 1/22/02 00:08 Analyst: BH
Result source: calculation
Page: 2

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

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\1036.D

Acq On : 17 Jan 2002 6:01 pm

Sample : nyc 524

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 25 11:57 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	15.12	114	799676	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.79	117	633631	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	269162	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	470182	4.53	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	90.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	213699	3.94	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	78.80%	
25) TOLUENE-D8	18.48	98	932360	5.52	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	110.40%	
Target Compounds						
5) CHLOROMETHANE	5.65	50	7652	0.20	ug/L	97
7) BROMOMETHANE	6.53	94	1896	0.07	ug/L	52
10) Isopropyl Alcohol	8.22	45	797m	0.92	ug/L	
12) ACETONE	8.29	43	12775	1.23	ug/L	87
18) 2-BUTANONE (MEK)	12.05	43	8390	0.28	ug/L	65
46) 2-HEXANONE	19.27	43	1586	0.11	ug/L	66
66) 1,4-DICHLOROBENZENE	27.04	146	2480	0.06	ug/L	90

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

1036.D HP010702.M Fri Jan 25 11:58:11 2002

Page 1

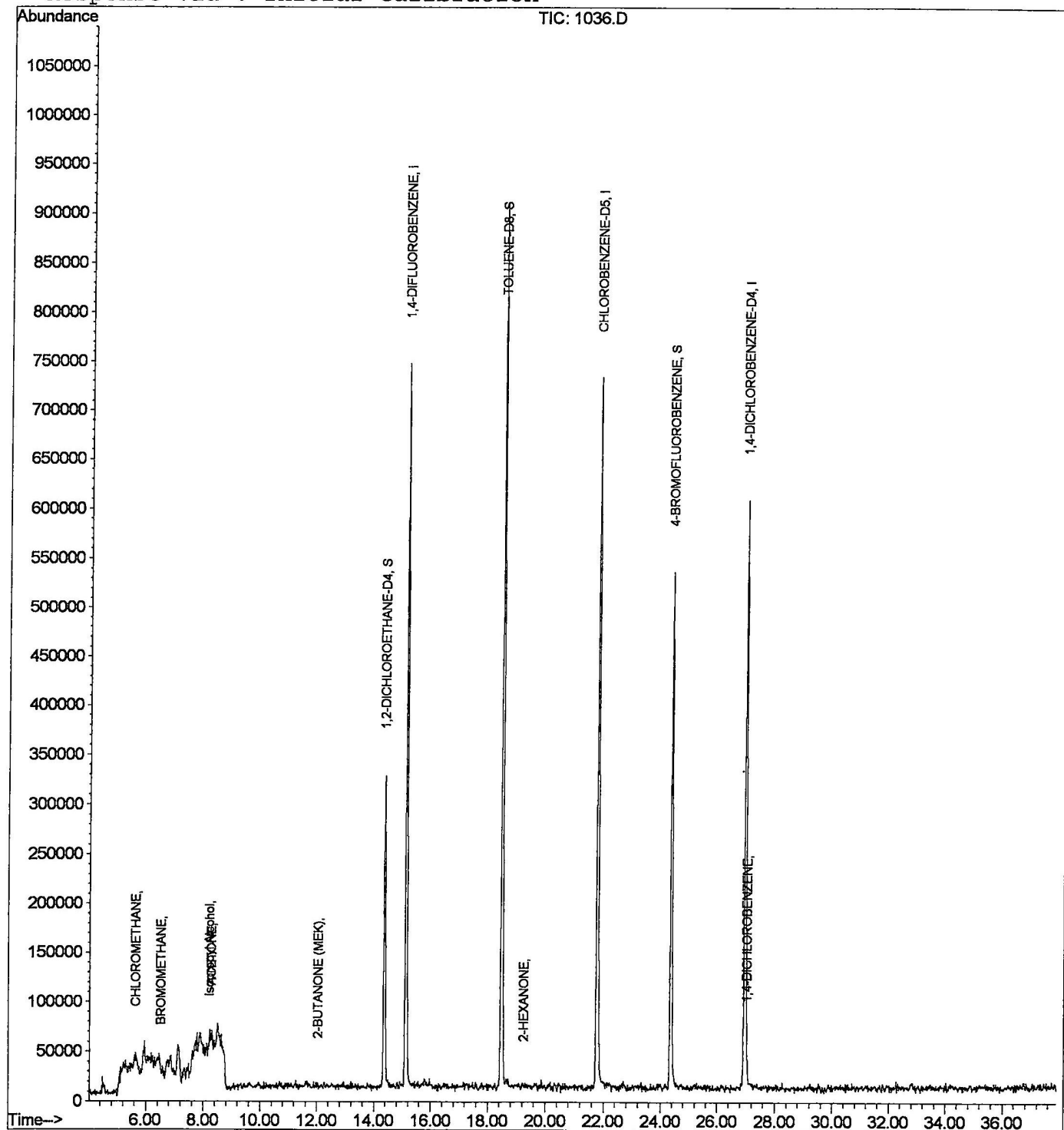
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\1036.D
Acq On : 17 Jan 2002 6:01 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 25 11:57 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



1036.D HP010702.M

Fri Jan 25 11:58:15 2002

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\1036.D

Vial: 5

Acq On : 17 Jan 2002 6:01 pm

Operator: 201-wb

Sample : nyc 524

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 25 11:57 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	15.12	114	799676	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.79	117	633631	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	269162	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	470182	4.53	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	90.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	213699	3.94	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	78.80%	
25) TOLUENE-D8	18.48	98	932360	5.52	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	110.40%	
Target Compounds						
5) CHLOROMETHANE	5.65	50	7652	0.20	ug/L	97
7) BROMOMETHANE	6.53	94	1896	0.07	ug/L	52
10) Isopropyl Alcohol	8.22	45	797m	0.92	ug/L	
12) ACETONE	8.29	43	12775	1.23	ug/L	87
18) 2-BUTANONE (MEK)	12.05	43	8390	0.28	ug/L	65
46) 2-HEXANONE	19.27	43	1586	0.11	ug/L	66
66) 1,4-DICHLOROBENZENE	27.04	146	2480	0.06	ug/L	90

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

1036.D HP013102.M

Tue Feb 05 12:16:49 2002

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\1036.D

Acq On : 17 Jan 2002 6:01 pm

Sample : nyc 524

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 25 11:57 2002

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

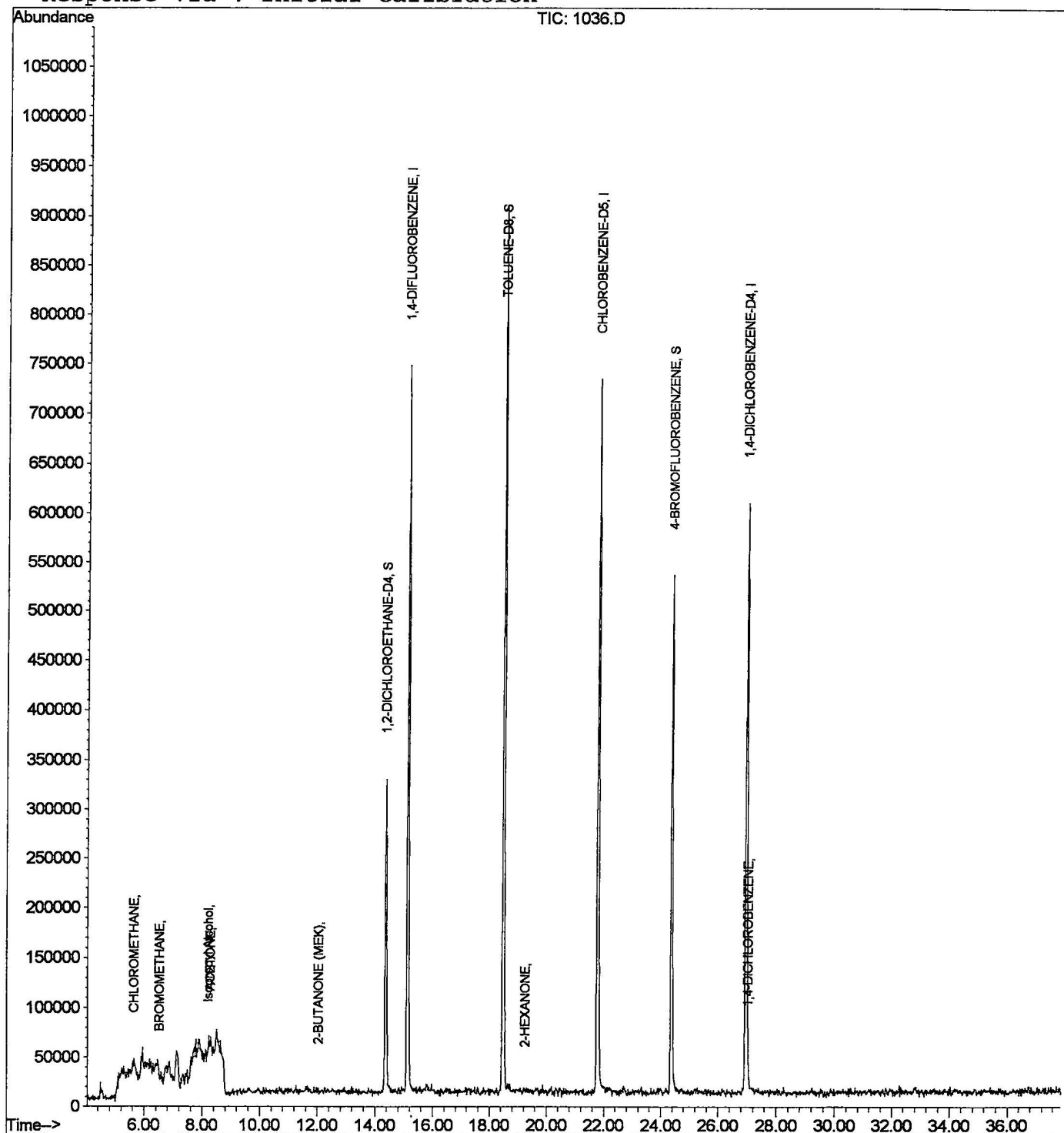
Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri Feb 01 13:18:32 2002

Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\1037.D
 Acq On : 17 Jan 2002 6:44 pm
 Sample : nyc 524
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 17 19:23 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 : 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	15.14	114	365321	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	495783	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	268708	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	344484	7.26	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	145.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	191104	7.72	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	154.40%	
25) TOLUENE-D8	18.48	98	534692	4.05	ug/L	-0.05
Spiked Amount 5.000			Recovery	=	81.00%	
Target Compounds						
4) DICHLORODIFLUOROMETHANE	5.05	85	1501	0.09	ug/L	93
5) CHLOROMETHANE	5.54	50	4265	0.24	ug/L	82
6) VINYL CHLORIDE	5.69	62	2456	0.17	ug/L	83
7) BROMOMETHANE	6.43	94	4203	0.36	ug/L	56
9) TRICHLOROFLUOROMETHANE	7.30	101	2322	0.08	ug/L	99
10) Isopropyl Alcohol	8.08	45	4949	12.53	ug/L	72
12) ACETONE	8.29	43	29727	6.28	ug/L	94
18) 2-BUTANONE (MEK)	12.00	43	8669	1.09	ug/L	65
31) 1,2-DICHLOROPROPANE	16.08	63	1450	0.06	ug/L	85
46) 2-HEXANONE	19.22	43	4414	0.40	ug/L	36

(#) = qualifier out of range (m) = manual integration
 1037.D HP013102.M Tue Feb 05 12:18:14 2002

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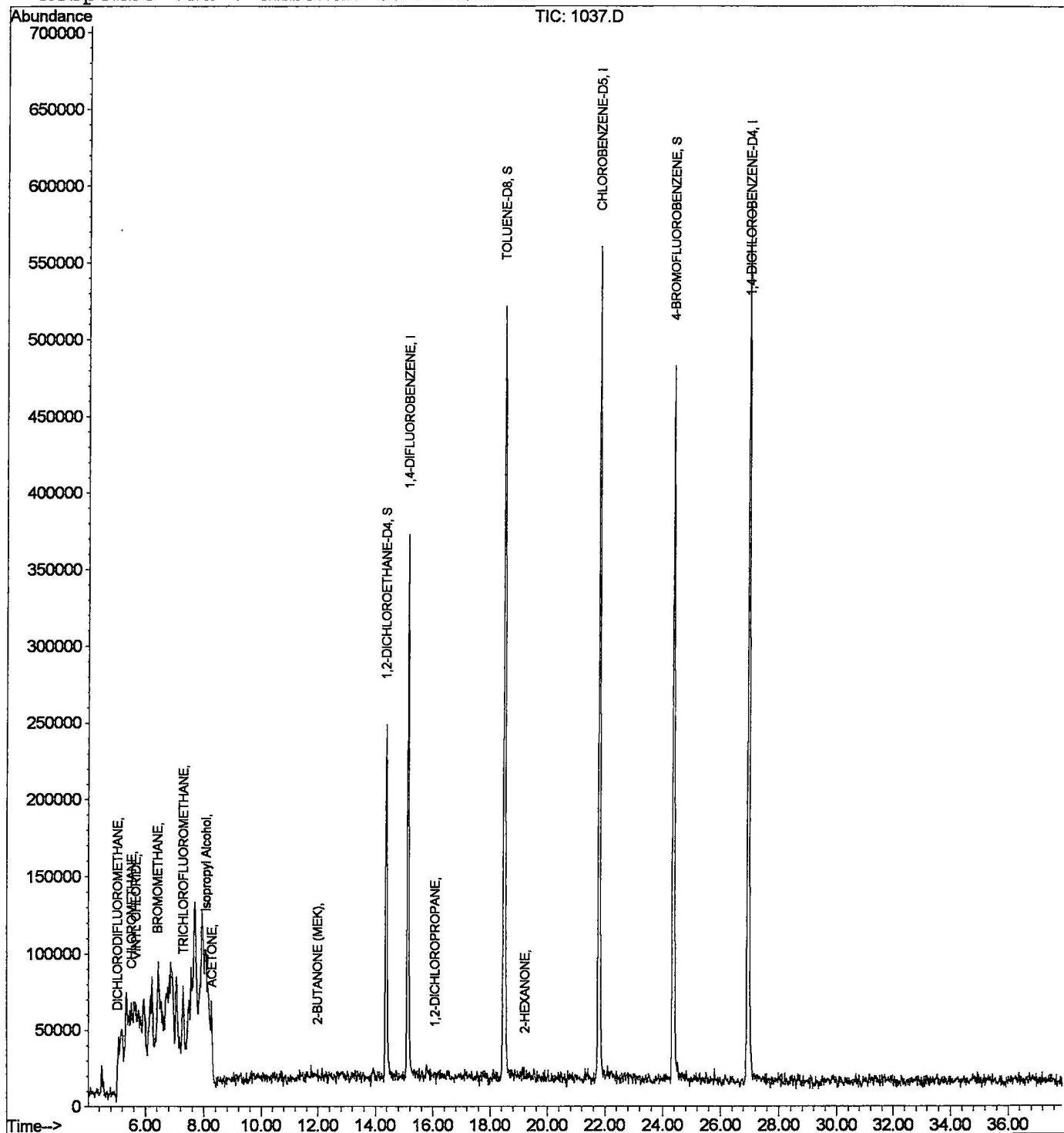
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\1037.D
Acq On : 17 Jan 2002 6:44 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 19:23 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\1038.D

Acq On : 17 Jan 2002 7:28 pm

Sample : nyc 524

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 17 20:06 2002

Vial: 7

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	15.14	114	271270	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	407755	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	268252	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	280970	7.98	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	159.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	175555	9.55	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	191.00%	
25) TOLUENE-D8	18.48	98	411284	3.79	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	75.80%	
Target Compounds						
5) CHLOROMETHANE	5.48	50	1585	0.12	ug/L	99
7) BROMOMETHANE	6.48	94	2073	0.24	ug/L	65
10) Isopropyl Alcohol	8.12	45	4565	15.56	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	1405	0.10	ug/L	73
12) ACETONE	8.29	43	13556	3.85	ug/L	92
18) 2-BUTANONE (MEK)	12.07	43	6366	1.07	ug/L	65
46) 2-HEXANONE	19.27	43	3221	0.35	ug/L	84
55) 1,2,3-TRICHLOROPROPANE	24.60	110	393	0.07	ug/L	81

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

1038.D HP013102.M

Tue Feb 05 12:19:57 2002

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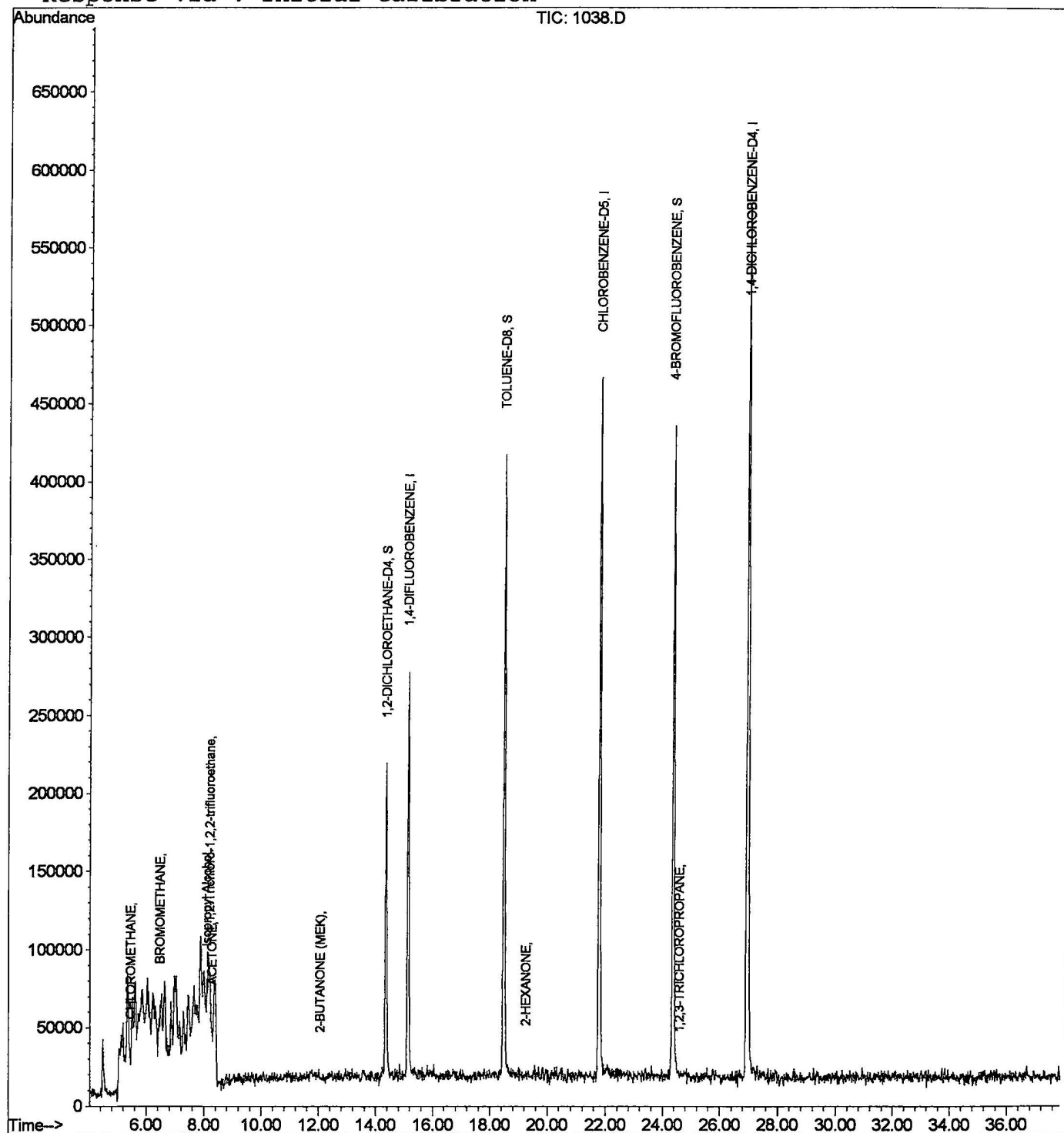
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\1038.D
Acq On : 17 Jan 2002 7:28 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 20:06 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\1040.D

Vial: 8

Acq On : 17 Jan 2002 8:11 pm

Operator: 201-wb

Sample : nyc 524

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 17 20:49 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	15.14	114	409020	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.78	117	493815	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	275108	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	341845	6.44	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	128.80%	
3) 4-BROMOFLUOROBENZENE	24.37	174	193870	7.00	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	140.00%	
25) TOLUENE-D8	18.48	98	565149	4.30	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	86.00%	
Target Compounds						
5) CHLOROMETHANE	5.64	50	7556	0.38	ug/L	77
7) BROMOMETHANE	6.75	94	2778	0.21	ug/L	54
9) TRICHLOROFLUOROMETHANE	7.32	101	1642	0.05	ug/L	66
12) ACETONE	8.29	43	15452	2.91	ug/L	90
14) METHYLENE CHLORIDE	9.68	49	6044	0.16	ug/L	83
18) 2-BUTANONE (MEK)	11.83	43	2818	0.07	ug/L	65
23) 1,2-DICHLOROETHANE	14.65	62	3001	0.09	ug/L	87
46) 2-HEXANONE	19.22	43	4288	0.39	ug/L	84
74) NITROBENZENE	29.81	77	993	1.50	ug/L	78

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

1040.D HP013102.M Tue Feb 05 12:21:57 2002

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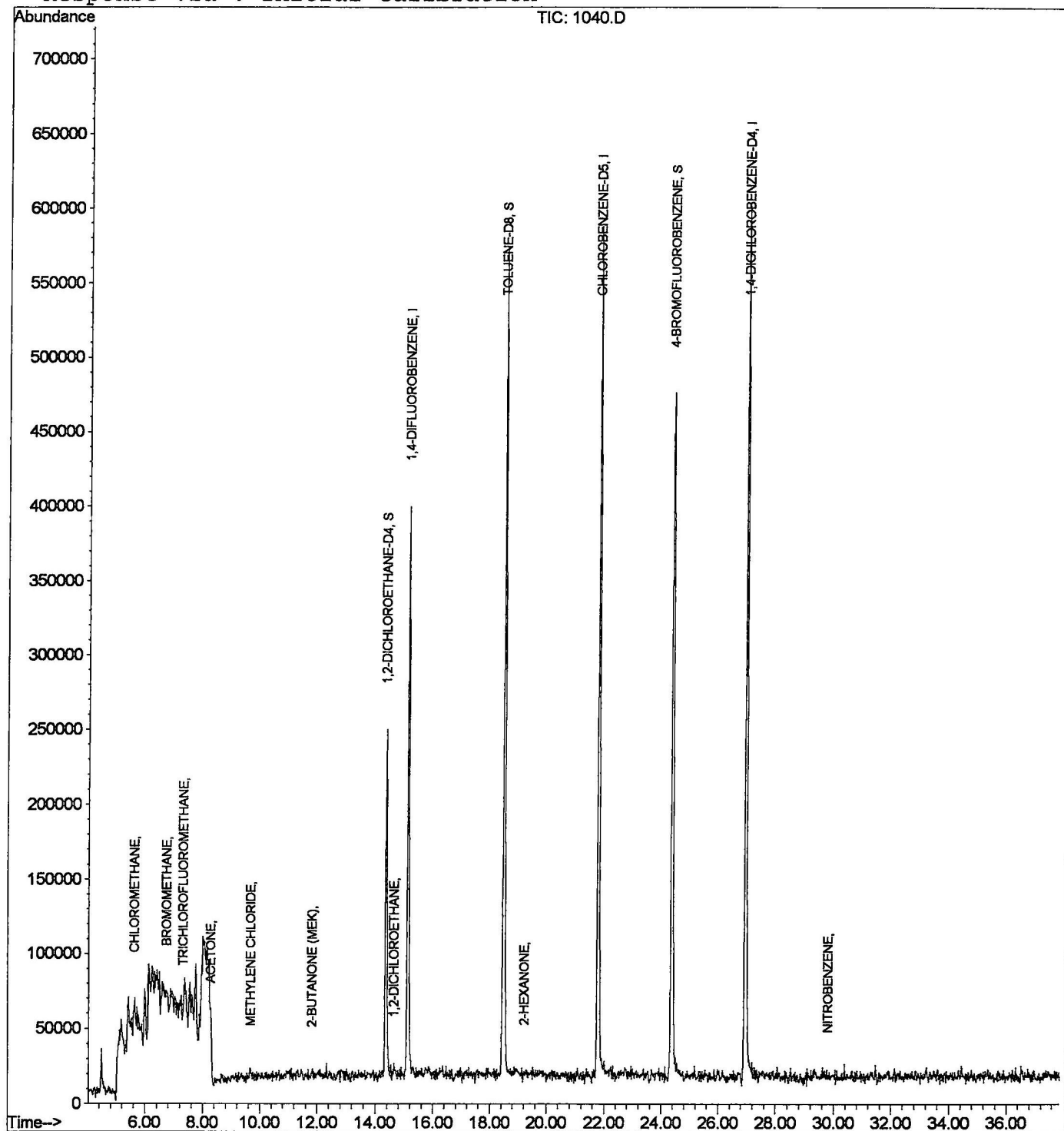
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\1040.D
Acq On : 17 Jan 2002 8:11 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 20:49 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\1041.D

Acq On : 17 Jan 2002 8:54 pm

Sample : nyc 524

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 17 21:32 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 : 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	15.14	114	294129	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	424801	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	254497	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	296355	7.76	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	155.20%	
3) 4-BROMOFLUOROBENZENE	24.37	174	173628	8.71	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	174.20%	
25) TOLUENE-D8	18.48	98	437708	3.87	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	77.40%	
Target Compounds						
5) CHLOROMETHANE	5.61	50	5076	0.35	ug/L	83
6) VINYL CHLORIDE	5.76	62	4116	0.35	ug/L	89
7) BROMOMETHANE	6.63	94	4734	0.51	ug/L	81
9) TRICHLOROFLUOROMETHANE	7.32	101	3532	0.15	ug/L	61
10) Isopropyl Alcohol	7.89	45	6505	20.46	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	1037	0.07	ug/L	75
12) ACETONE	8.29	43	17308	4.54	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	8980	1.50	ug/L	79
21) CHLOROFORM	12.86	83	2962	0.10	ug/L	78
46) 2-HEXANONE	19.20	43	901	0.09	ug/L	36

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

1041.D HP013102.M Tue Feb 05 12:24:12 2002

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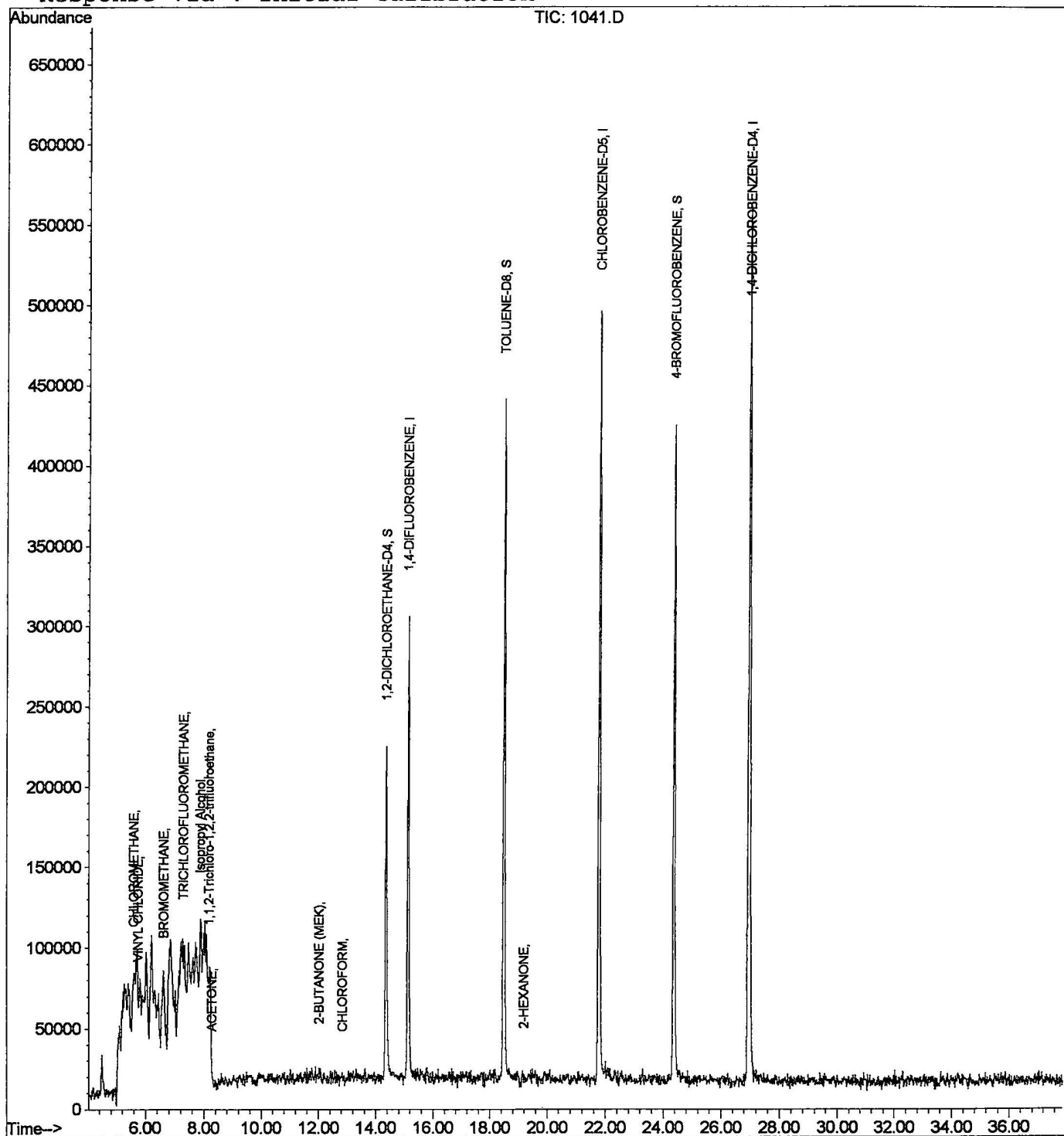
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\1041.D
Acq On : 17 Jan 2002 8:54 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 21:32 2002

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

Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN17\1042.D

Vial: 10

Acq On : 17 Jan 2002 9:37 pm

Operator: 201-wb

Sample : nyc 524

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 17 22:15 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	15.14	114	280173	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	394428	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	256691	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	302973	8.33	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	166.60%	
3) 4-BROMOFLUOROBENZENE	24.37	174	171492	9.03	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	180.60%	
25) TOLUENE-D8	18.48	98	411090	3.91	ug/L	-0.05
Spiked Amount	5.000		Recovery	=	78.20%	
Target Compounds						
						Qvalue
6) VINYL CHLORIDE	5.55	62	4135	0.37	ug/L	80
7) BROMOMETHANE	6.68	94	2695	0.30	ug/L	84
8) CHLOROETHANE	6.98	64	1194	0.15	ug/L	94
9) TRICHLOROFLUOROMETHANE	7.28	101	1984	0.09	ug/L	90
10) Isopropyl Alcohol	7.72	45	1364	4.50	ug/L	87
11) 1,1,2-Trichloro-1,2,2-trif	7.78	101	1511	0.10	ug/L	64
12) ACETONE	8.29	43	19370	5.33	ug/L	98
18) 2-BUTANONE (MEK)	12.04	43	10338	1.89	ug/L	65
23) 1,2-DICHLOROETHANE	14.41	62	1281	0.06	ug/L	71
43) 1,2-DIBROMOETHANE	21.08	107	923	0.08	ug/L	80
46) 2-HEXANONE	19.22	43	3146	0.36	ug/L	36

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

1042.D HP013102.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN17\1042.D
Acq On : 17 Jan 2002 9:37 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 17 22:15 2002

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

Quant Results File: HP010702.RES

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Method       : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update  : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
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