presence of methylene chloride
is due to lab contamin

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/19/2002 Time: 16:24:55

Sample: AE01636
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 01/28/02 00:08 Ended: 01/28/02 00:08 Analyst: BH
Result source: a:\0128b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		4.9
2	Surr - 4-BROMOFLUOROBENZE		4.3
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		2.4
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.56
12	METHYL TERT BUTYL ETHER		0.15
13	TRANS-1,2-DICHLOROETHENE		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		2.0
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.1
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHANE		< MDL
42	2-HEXANONE		0.096
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHANE		< MDL

Reviewed by, CB 5/10/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/19/2002 Time: 16:24:55

Sample: AE01636
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 01/28/02 00:08 Ended: 01/28/02 00:08 Analyst: BH
Result source: a:\0128b1.rr
Page: 2

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

Data File : C:\HPCHEM\1\DATA\02JAN28\0128B1.D Vial: 1
Acq On : 28 Jan 2002 8:35 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 9:14 2002 Quant Results File: HP010702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	957284	5.00	ug/L	-0.09
24) CHLOROBENZENE-D5	21.74	117	783517	5.00	ug/L	-0.10
52) 1,4-DICHLOROBENZENE-D4	26.94	152	348797	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	611557	4.92	ug/L	-0.10
Spiked Amount 5.000			Recovery = 98.40%			
3) 4-BROMOFLUOROBENZENE	24.34	174	279388	4.31	ug/L	-0.09
Spiked Amount 5.000			Recovery = 86.20%			
25) TOLUENE-D8	18.45	98	1073097	5.14	ug/L	-0.09
Spiked Amount 5.000			Recovery = 102.80%			
Target Compounds						Qvalue
6) VINYL CHLORIDE	5.59	62	4819	0.13	ug/L	90
10) Isopropyl Alcohol	7.96	45	2853	2.76	ug/L	90
12) ACETONE	8.26	43	30172	2.43	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	49234	0.56	ug/L	93
15) METHYL TERT BUTYL ETHER	9.93	73	7477	0.15	ug/L	96
18) 2-BUTANONE (MEK)	12.00	43	37226	2.01	ug/L	83
46) 2-HEXANONE	19.16	43	1686	0.10	ug/L	69

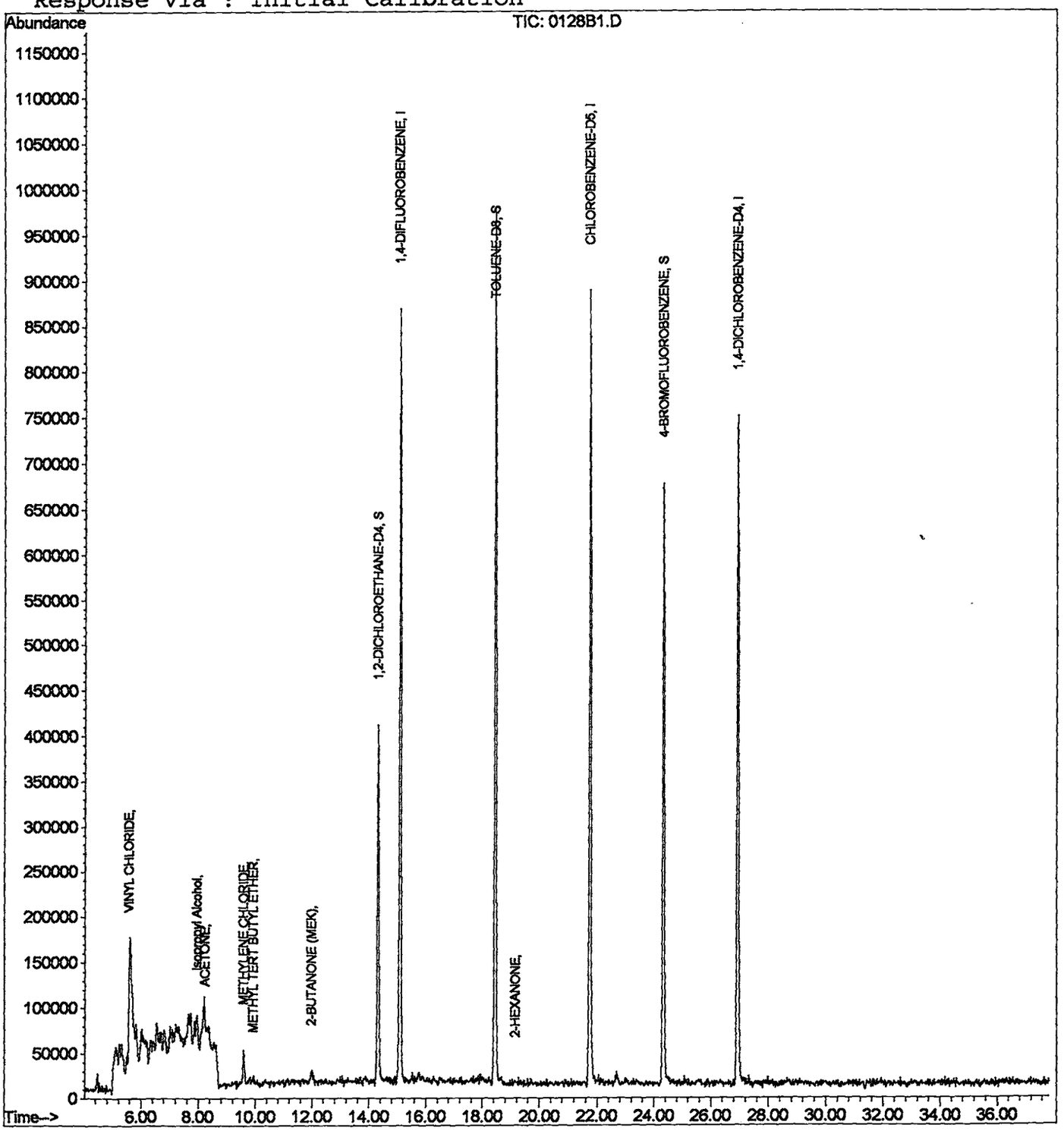
(#) = qualifier out of range (m) = manual integration
0128B1.D HP021302.M Thu Feb 14 09:33:42 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN28\0128B1.D
Acq On : 28 Jan 2002 8:35 am
Sample : lab blank 1
Misc : January 28, 2002
MS Integration Params: LSCINT.P
Quant Time: Jan 28 9:14 2002

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP010702.RES

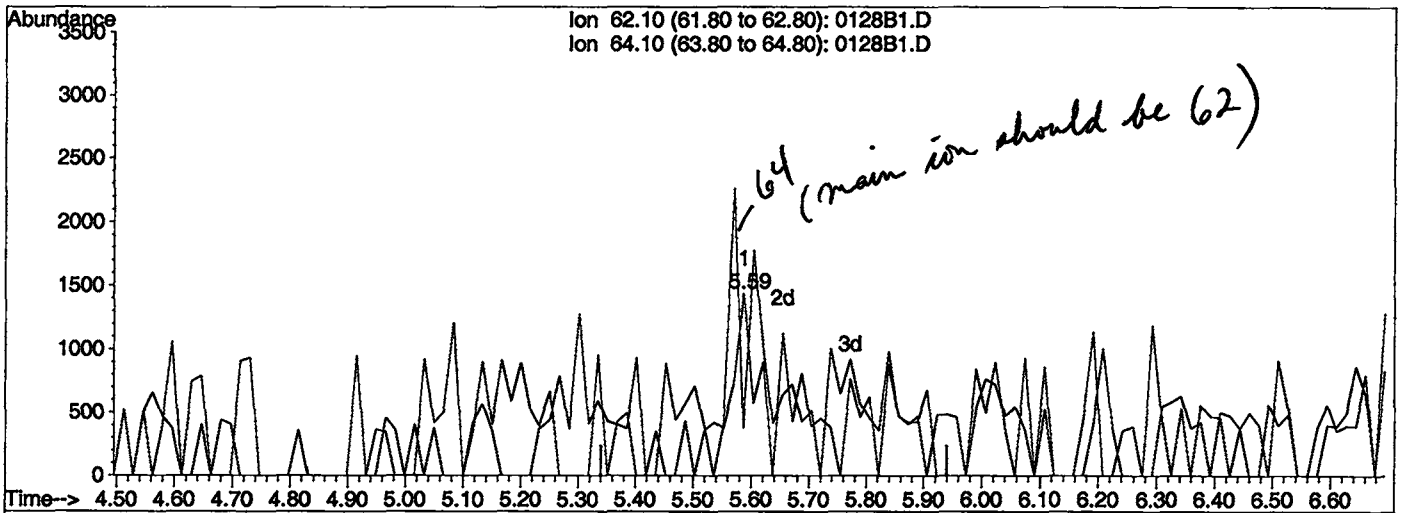
Method : C:\HPCHEM\1\METHODS\HP021302.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 08:56:58 2002
Response via : Initial Calibration

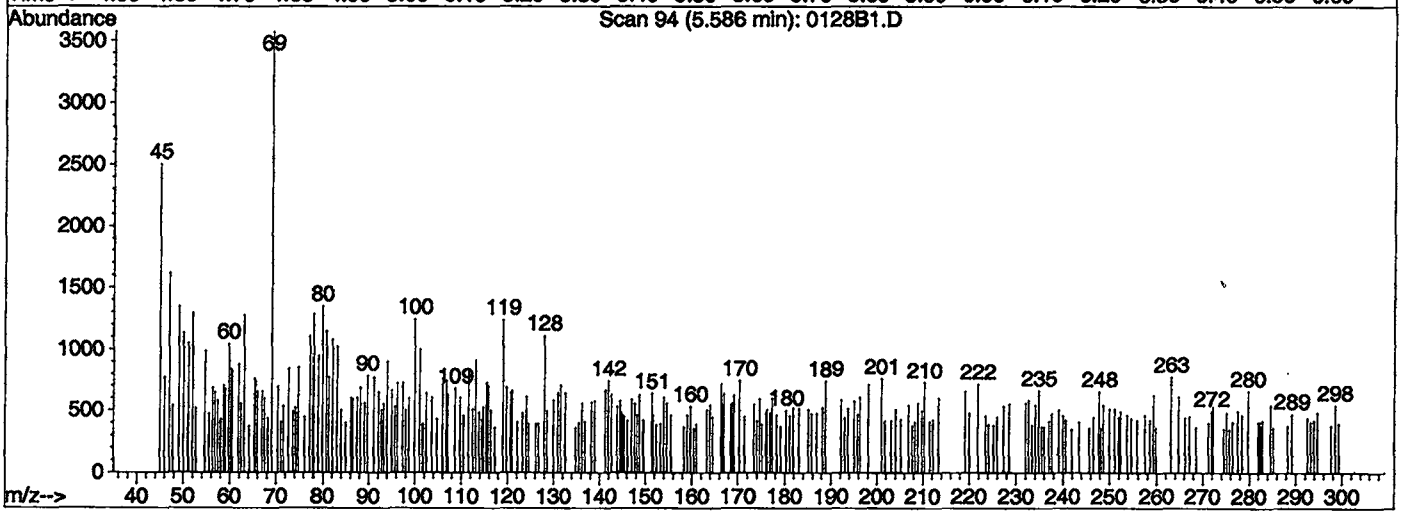


Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN28\0128B1.D Vial: 1
Acq On : 28 Jan 2002 8:35 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
Quant Time: Jan 28 9:14 2002 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Multiple Level Calibration





TIC: 0128B1.D

(6) VINYL CHLORIDE

5.59min 0.13ug/L

response 4819

Ion	Exp%	Act%
62.10	100	100
64.10	32.00	26.17
0.00	0.00	0.00
0.00	0.00	0.00

0128B1.D HP021702.M Tue Feb 19 16:21:59 2002

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 10:33:24

Sample: AE01636
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/28/02 00:02 Ended: 1/28/02 00:02 Analyst: BH
Result source: a:\0128c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.7		.5
2	Surr_4-BROMOFLUOROBENZE		4.9		.5
3	[illegible]	[illegible]	[illegible]		[illegible]
4	Chloromethane		10		.5
5	Vinyl chloride		12		.5
6	Bromomethane		11		.5
7	Chloroethane		9.9		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		12		.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)		10		2.0
15	2,2-dichloropropane		12		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		9.4		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		12		.5
22	1,1-dichloropropene		12		.5
23	Carbon tetrachloride		13		.5
24	Benzene		11		.5
25	Trichloroethene		12		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		8.2		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		9.6		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		9.5		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		22		.5
41	O-xylene		12		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		8.5		.5
44	Bromoform		9.9		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		12		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 10:33:24

Sample: AE01636
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/28/02 00:02 Ended: 1/28/02 00:02 Analyst: BH
Result source: a:\0128c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		12		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		12		.5
52	TERT-butylbenzene		12		.5
53	1,2,4-trimethylbenzene		12		.5
54	SEC-butylbenzene		12		.5
55	P-isopropyltoluene		13		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		12		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		12		.5
62	Naphthalene		8.9		.5
63	1,2,3-trichlorobenzene		10		.5
64	[illegible]	[illegible]	[illegible]		[illegible]

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN28\0128C10.D Vial: 4
Acq On : 28 Jan 2002 12:23 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 16:38 2002 Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 28 16:35:43 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	1020555	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.78	117	873408	5.00	ug/L	-0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	428480	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	618031	4.67	ug/L	-0.07
Spiked Amount 5.000			Recovery = 93.40%			
3) 4-BROMOFLUOROBENZENE	24.36	174	338035	4.89	ug/L	-0.07
Spiked Amount 5.000			Recovery = 97.80%			
25) TOLUENE-D8	18.47	98	1184200	5.09	ug/L	-0.07
Spiked Amount 5.000			Recovery = 101.80%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	614451	13.74	ug/L	100
5) CHLOROMETHANE	5.47	50	495115	9.97	ug/L	95
6) VINYL CHLORIDE	5.61	62	497552	12.13	ug/L	95
7) BROMOMETHANE	6.62	94	362584	11.18	ug/L	96
8) CHLOROETHANE	6.75	64	284763	9.91	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.30	101	978638	12.08	ug/L	100
10) Isopropyl Alcohol	7.89	45	849597	769.97	ug/L	91
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	648286	12.10	ug/L	96
12) ACETONE	8.27	43	116242	8.78	ug/L	96
13) 1,1-DICHLOROETHENE	8.62	61	937130	11.56	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	961719	10.24	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	571687	10.42	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.29	61	917302	11.42	ug/L	97
17) 1,1-DICHLOROETHANE	11.18	63	971259	11.01	ug/L	99
18) 2-BUTANONE (MEK)	12.02	43	180549	10.39	ug/L	99
19) 2,2-DICHLOROPROPANE	12.40	77	730688	11.84	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.49	96	505740	11.29	ug/L	95
21) CHLOROFORM	12.84	83	1116732	11.07	ug/L	97
22) BROMOCHLOROMETHANE	13.20	49	477278	9.38	ug/L	99
23) 1,2-DICHLOROETHANE	14.55	62	866806	10.35	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.73	97	991286	12.45	ug/L	99
27) 1,1-DICHLOROPROPENE	14.04	75	761279	12.34	ug/L	98
28) CARBON TETRACHLORIDE	14.30	117	1021396	12.76	ug/L	99
29) BENZENE	14.65	78	1751512	10.94	ug/L	99
30) TRICHLOROETHENE	15.92	95	565641	11.52	ug/L	96
31) 1,2-DICHLOROPROPANE	16.27	63	463479	10.08	ug/L	98
32) DIBROMOMETHANE	16.95	174	206366	10.16	ug/L	96
33) BROMODICHLOROMETHANE	16.79	83	727672	10.70	ug/L	97

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

Data File : C:\HPCHEM\1\DATA\02JAN28\0128C10.D Vial: 4
Acq On : 28 Jan 2002 12:23 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 16:38 2002 Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 28 16:35:43 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

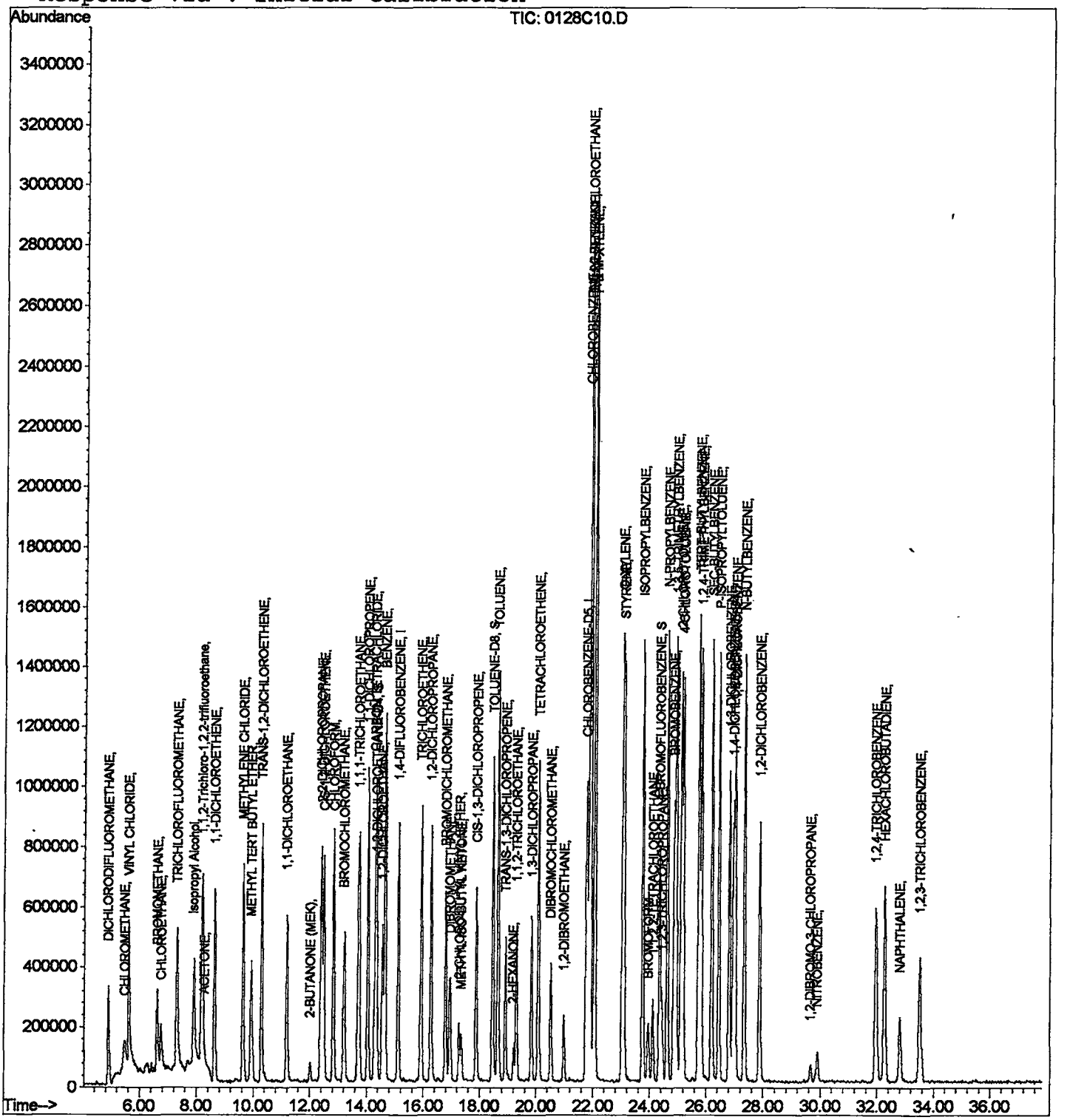
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	2-CHLOROETHYL VINYL ETHER	17.28	63	131972	9.13 ug/L	86
35)	METHYL ISO-BUTYL KETONE	17.35	58	72795	8.24 ug/L	99
36)	CIS-1,3-DICHLOROPROPENE	17.89	75	560446	10.68 ug/L	99
37)	TOLUENE	18.64	91	1670020	10.85 ug/L	97
38)	TRANS-1,3-DICHLOROPROPENE	18.92	75	407396	10.18 ug/L	98
39)	1,1,2-TRICHLOROETHANE	19.30	97	257798	9.64 ug/L	93
40)	TETRACHLOROETHENE	20.09	166	476376	11.49 ug/L	97
41)	1,3-DICHLOROPROPANE	19.84	76	491768	9.50 ug/L	98
42)	DIBROMOCHLOROMETHANE	20.52	129	375268	10.29 ug/L	97
43)	1,2-DIBROMOETHANE	20.97	107	259123	9.67 ug/L	99
44)	CHLOROBENZENE	21.86	112	1120247	10.82 ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.90	131	434332	11.15 ug/L	99
46)	2-HEXANONE	19.20	43	153394	7.82 ug/L	96
47)	ETHYLBENZENE	21.90	91	2151899	11.18 ug/L	100
48)	P & M-XYLENE	22.05	106	1424501	22.28 ug/L	96
49)	O-XYLENE	23.03	91	1724971	11.78 ug/L	98
50)	STYRENE	23.08	104	1031150	11.05 ug/L	92
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	249352	8.54 ug/L	97
53)	BROMOFORM	23.95	173	163866	9.86 ug/L	94
54)	ISOPROPYLBENZENE	23.75	105	1820953	12.36 ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.44	110	92362	9.98 ug/L	91
56)	N-PROPYLBENZENE	24.62	91	2433391	11.83 ug/L	100
57)	BROMOBENZENE	24.86	156	412325	10.55 ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	1718511	12.36 ug/L	99
59)	2-CHLOROTOLUENE	25.10	91	1641424	11.40 ug/L	96
60)	4-CHLOROTOLUENE	25.17	91	1567569	11.85 ug/L	100
61)	TERT-BUTYLBENZENE	25.73	119	1484514	12.47 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.82	105	1723471	12.04 ug/L	98
63)	SEC-BUTYLBENZENE	26.18	105	1904784	12.00 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.45	119	1504520	12.54 ug/L	97
65)	1,3-DICHLOROBENZENE	26.81	146	755345	10.94 ug/L	99
66)	1,4-DICHLOROBENZENE	27.02	146	780555	11.02 ug/L	96
67)	N-BUTYLBENZENE	27.33	91	1669624	12.15 ug/L	98
68)	1,2-DICHLOROBENZENE	27.87	146	643806	10.59 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.65	157	24936	8.33 ug/L	81
70)	1,2,4-TRICHLOROBENZENE	31.95	180	405476	11.00 ug/L	96
71)	HEXACHLOROBUTADIENE	32.27	225	312511	11.99 ug/L	94
72)	NAPHTHALENE	32.81	128	428779	8.88 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.52	180	326539	10.30 ug/L	93
74)	NITROBENZENE	29.88	77	129905	125.66 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN28\0128C10.D Vial: 4
Acq On : 28 Jan 2002 12:23 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 16:38 2002 Quant Results File: HP010702.RES

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



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/17/2002 Time: 15:59:12

Sample: AE01636
Analysis: SRE524 Reference recovery for 524
Units: ug
Started: 01/28/02 00:03 Ended: 01/28/02 00:03 Analyst: SV
Result source: a:\0128r40.rr
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		5.1	0.00
2	4-BROMOFLUOROBENZENE		5.4	0.00
3	DICHLORODIFLUOROMETHANE		56	0.062
4	CHLOROMETHANE		35	0.062
5	VINYL CHLORIDE		52	0.062
6	BROMOMETHANE		45	0.062
7	CHLOROETHANE		39	0.062
8	TRICHLOROFLUOROMETHANE		48	0.062
9	ACETONE		26	0.062
10	1,1-DICHLOROETHENE		37	0.062
11	METHYLENE CHLORIDE		31	0.062
12	METHYL TERT BUTYL ETHER		48	0.12
13	TRANS-1,2-DICHLOROETHENE		37	0.062
14	1,1-DICHLOROETHANE		36	0.062
15	2-BUTANONE (MEK)		39	0.062
16	2,2-DICHLOROPROPANE		46	0.062
17	CIS-1,2-DICHLOROETHENE		40	0.062
18	CHLOROFORM		38	0.062
19	BROMOCHLOROMETHANE		35	0.062
20	1,2-DICHLOROETHANE		40	0.062
21	TOLUENE-D8		4.9	0.00
22	1,1,1-TRICHLOROETHANE		43	0.062
23	1,1-DICHLOROPROPENE		43	0.062
24	CARBON TETRACHLORIDE		42	0.062
25	BENZENE		37	0.062
26	TRICHLOROETHENE		41	0.062
27	1,2-DICHLOROPROPANE		37	0.062
28	DIBROMOMETHANE		42	0.062
29	BROMODICHLOROMETHANE		42	0.062
30	2-CHLOROETHYL VINYL ETHER		43	0.062
31	METHYL ISO-BUTYL KETONE		37	0.12
32	CIS-1,3-DICHLOROPROPENE		46	0.062
33	TOLUENE		39	0.062
34	TRANS-1,3-DICHLOROPROPENE		52	0.062
35	1,1,2-TRICHLOROETHANE		39	0.062
36	TETRACHLOROETHENE		41	0.062
37	1,3-DICHLOROPROPANE		40	0.062
38	DIBROMOCHLOROMETHANE		48	0.25
39	1,2-DIBROMOETHANE		46	0.062
40	CHLOROBENZENE		39	0.062
41	1,1,1,2-TETRACHLOROETHANE		44	0.062
42	2-HEXANONE		39	0.062
43	ETHYLBENZENE		40	0.062
44	P & M-XYLENE		81	0.062
45	O-XYLENE		43	0.062
46	STYRENE		43	0.062
47	1,1,2,2-TETRACHLOROETHANE		40	0.062

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/17/2002 Time: 15:59:12

Sample: AE01636
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 01/28/02 00:03 Ended: 01/28/02 00:03 Analyst: SV
Result source: a:\0128r40.rr
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		47	0.25
49	ISOPROPYLBENZENE		44	0.062
50	1,2,3-TRICHLOROPROPANE		43	0.062
51	N-PROPYLBENZENE		41	0.062
52	BROMOBENZENE		41	0.062
53	1,3,5-TRIMETHYLBENZENE		43	0.062
54	2-CHLOROTOLUENE		41	0.062
55	4-CHLOROTOLUENE		37	0.062
56	TERT-BUTYLBENZENE		45	0.062
57	1,2,4-TRIMETHYLBENZENE		42	0.062
58	SEC-BUTYLBENZENE		42	0.062
59	P-ISOPROPYLTOLUENE		45	0.062
60	1,3-DICHLOROBENZENE		40	0.062
61	1,4-DICHLOROBENZENE		40	0.062
62	N-BUTYLBENZENE		42	0.062
63	1,2-DICHLOROBENZENE		39	0.062
64	1,2-DIBROMO-3-CHLOROPROPA		50	0.062
65	1,2,4-TRICHLOROBENZENE		47	0.062
66	HEXACHLOROBUTADIENE		42	0.062
67	NAPHTHALENE		27	0.062
68	1,2,3-TRICHLOROBENZENE		46	0.062
69	ETHANOL		< MDL	3.8
70	NITROBENZENE		940	0.62

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 10:30:49

Sample: AE01636
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/17/02 15:50 Ended: 2/17/02 15:50 Analyst: SV
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.500
2	Surr - 4-BROMOFLUOROBENZ		5.4		0.500
3	Dichlorodifluoromethane		140 ↑		0.500
4	Chloromethane		88		0.500
5	Vinyl chloride		129		0.500
6	Bromomethane		113		0.500
7	Chloroethane		97		0.500
8	Trichlorofluoromethane		120		0.500
9	1,1-Dichloroethene		93		0.500
10	Methylene Chloride		78		0.500
11	Methyl tert butyl ether		120		1.00
12	trans-1,2-dichloroethene		93		0.500
13	1,1-dichloroethane		91		0.500
14	2-butanone (MEK)		97		2.00
15	2,2-dichloropropane		115		0.500
16	cis-1,2-dichloroethene		100		0.500
17	Chloroform		96		0.500
18	Bromochloromethane		88		0.500
19	1,2-dichloroethane		99		0.500
20	Surr - TOLUENE-D8		4.9		0.500
21	1,1,1-trichloroethane		108		0.500
22	1,1-dichloropropene		109		0.500
23	Carbon tetrachloride		105		0.500
24	Benzene		92		0.500
25	Trichloroethene		103		0.500
26	1,2-dichloropropane		92		0.500
27	Dibromomethane		104		0.500
28	Bromodichloromethane		104		0.500
29	Methyl iso-butyl ketone		94		1.00
30	cis-1,3-dichloropropene		115		0.500
31	Toluene		97		0.500
32	trans-1,3-dichloropropene		130		0.500
33	1,1,2-trichloroethane		98		0.500
34	Tetrachloroethene		100		0.500
35	1,3-dichloropropane		99		0.500
36	Dibromochloromethane		119		2.00
37	Chlorobenzene		97		0.500
38	1,1,1,2-tetrachloroethane		110		0.500
39	Ethylbenzene		100		0.500
40	P & M-xylene		110		0.500
41	O-xylene		110		0.500
42	Styrene		110		0.500
43	1,1,2,2-tetrachloroethane		99		0.500
44	Bromoform		117		2.00
45	Isopropylbenzene		110		0.500
46	1,2,3-trichloropropane		110		0.500
47	N-propylbenzene		102		0.500
48	Bromobenzene		100		0.500

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/18/2002 Time: 10:30:49

Sample: AE01636
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/17/02 15:50 Ended: 2/17/02 15:50 Analyst: SV
Result source: manual entry
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		108		0.500
50	2-chlorotoluene		103		0.500
51	4-chlorotoluene		93		0.500
52	TERT-butylbenzene		112		0.500
53	1,2,4-trimethylbenzene		105		0.500
54	SEC-butylbenzene		106		0.500
55	P-isopropyltoluene		114		0.500
56	1,3-dichlorobenzene		100		0.500
57	1,4-dichlorobenzene		100		0.500
58	N-butylbenzene		106		0.500
59	1,2-dichlorobenzene		98		0.500
60	1,2,4-trichlorobenzene		118		0.500
61	Hexachlorobutadiene		105		0.500
62	Naphthalene		68 ↓		0.500
63	1,2,3-trichlorobenzene		116		0.500
64	Ethanol		< MDL		0.000
66	Nitrobenzene		94		5.00

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN28\0128R40.D Vial: 8
Acq On : 28 Jan 2002 3:52 pm Operator: 201-wb
Sample : ref 40 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 16:36 2002 Quant Results File: HP010702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 28 16:35:43 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	1109960	5.00	ug/L	-0.05
24) CHLOROBENZENE-D5	21.79	117	996145	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	496624	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	727784	5.05	ug/L	-0.07
Spiked Amount 5.000			Recovery =	101.00%		
3) 4-BROMOFLUOROBENZENE	24.37	174	409568	5.45	ug/L	-0.05
Spiked Amount 5.000			Recovery =	109.00%		
25) TOLUENE-D8	18.48	98	1300297	4.90	ug/L	-0.05
Spiked Amount 5.000			Recovery =	98.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	2712928	140 55.77	ug/L	-139% 99
5) CHLOROMETHANE	5.51	50	1908871	88 35.33	ug/L	97
6) VINYL CHLORIDE	5.58	62	2301217	51.57	ug/L	100
7) BROMOMETHANE	6.62	94	1602198	45.41	ug/L	99
8) CHLOROETHANE	6.72	64	1214556	38.86	ug/L	<0k-4 97
9) TRICHLOROFLUOROMETHANE	7.29	101	4243410	48.17	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	13779	0.24	ug/L	76
12) ACETONE	8.27	43	375477	26.09	ug/L	93
13) 1,1-DICHLOROETHENE	8.60	61	3263297	37.00	ug/L	99
14) METHYLENE CHLORIDE	9.63	49	3187285	31.20	ug/L	96
15) METHYL TERT BUTYL ETHER	9.93	73	2859044	47.92	ug/L	93
16) TRANS-1,2-DICHLOROETHENE	10.29	61	3257566	37.29	ug/L	94
17) 1,1-DICHLOROETHANE	11.18	63	3493635	36.42	ug/L	97
18) 2-BUTANONE (MEK)	12.02	43	712879	38.66	ug/L	96
19) 2,2-DICHLOROPROPANE	12.40	77	3080082	45.87	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.51	96	1942976	39.89	ug/L	90
21) CHLOROFORM	12.84	83	4207448	38.36	ug/L	98
22) BROMOCHLOROMETHANE	13.22	49	1951894	35.26	ug/L	92
23) 1,2-DICHLOROETHANE	14.56	62	3616518	39.70	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.73	97	3907365	43.02	ug/L	95
27) 1,1-DICHLOROPROPENE	14.06	75	3059578	43.47	ug/L	98
28) CARBON TETRACHLORIDE	14.32	117	3843613	42.10	ug/L	98
29) BENZENE	14.65	78	6735692	36.89	ug/L	97
30) TRICHLOROETHENE	15.94	95	2300318	41.08	ug/L	96
31) 1,2-DICHLOROPROPANE	16.29	63	1930238	36.81	ug/L	97
32) DIBROMOMETHANE	16.97	174	964801	41.63	ug/L	88
33) BROMODICHLOROMETHANE	16.81	83	3219102	41.52	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	714882	43.36	ug/L	94

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

Data File : C:\HPCHEM\1\DATA\02JAN28\0128R40.D Vial: 8
Acq On : 28 Jan 2002 3:52 pm Operator: 201-wb
Sample : ref 40 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 16:36 2002 Quant Results File: HP010702.RES

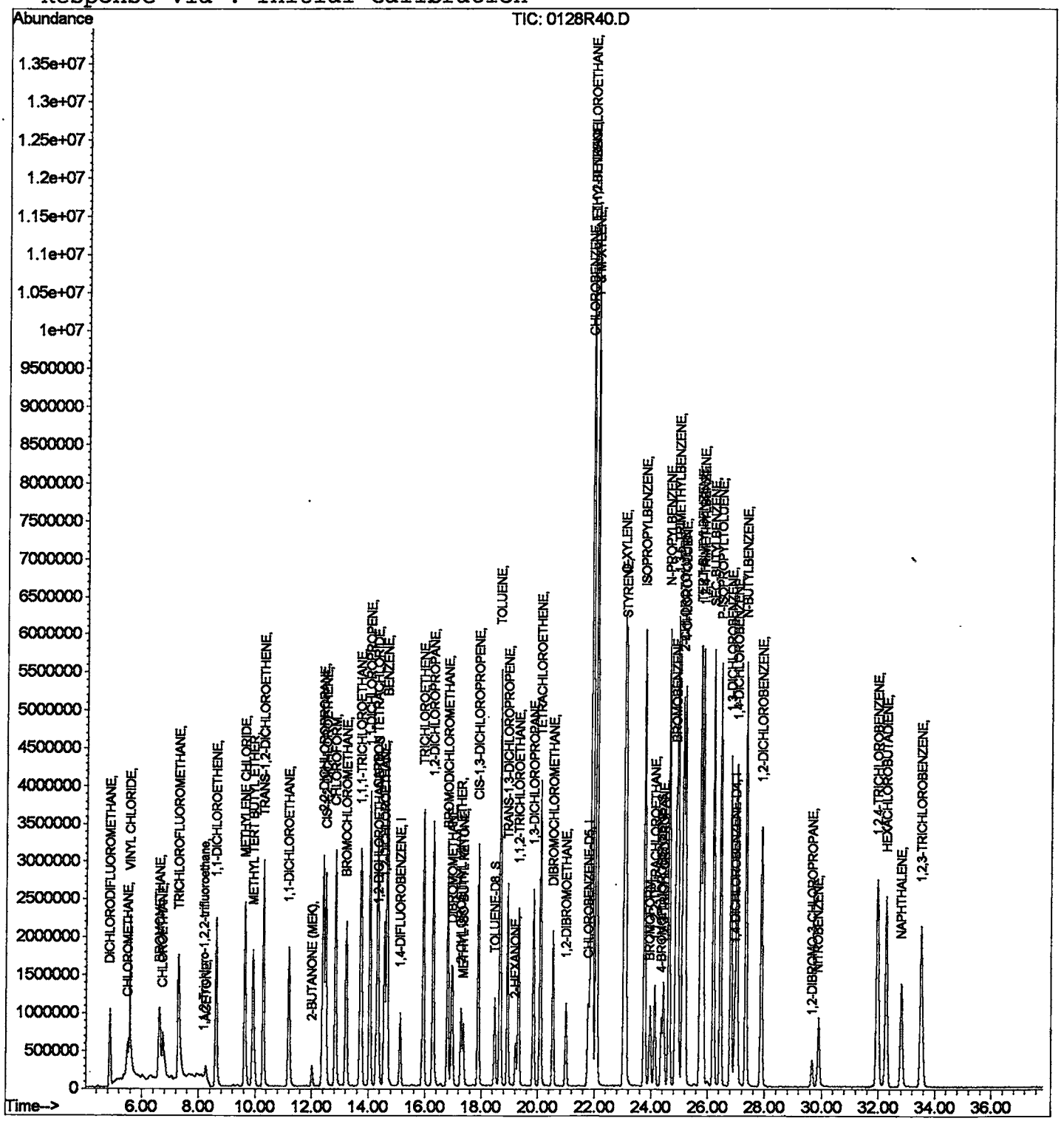
Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jan 28 16:35:43 2002
Response via : Initial Calibration
DataAcq Meth : HP010702

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.37	58	377417	37.45 ug/L	97
36)	CIS-1,3-DICHLOROPROPENE	17.89	75	2762499	46.18 ug/L	97
37)	TOLUENE	18.66	91	6795935	38.71 ug/L	95
38)	TRANS-1,3-DICHLOROPROPENE	18.94	75	2389712	52.38 ug/L	97
39)	1,1,2-TRICHLOROETHANE	19.32	97	1199831	39.35 ug/L	91
40)	TETRACHLOROETHENE	20.10	166	1958068	41.41 ug/L	98
41)	1,3-DICHLOROPROPANE	19.84	76	2336363	39.58 ug/L	100
42)	DIBROMOCHLOROMETHANE	20.54	129	1975564	47.50 ug/L	96
43)	1,2-DIBROMOETHANE	20.99	107	1397608	45.74 ug/L	99
44)	CHLOROBENZENE	21.88	112	4595634	38.91 ug/L	97
45)	1,1,1,2-TETRACHLOROETHANE	21.92	131	1954105	43.97 ug/L	99
46)	2-HEXANONE	19.21	43	865764	38.69 ug/L	98
47)	ETHYLBENZENE	21.92	91	8851728	40.31 ug/L	99
48)	P & M-XYLENE	22.07	106	5899459	80.90 ug/L	95
49)	O-XYLENE	23.05	91	7191762	43.06 ug/L	96
50)	STYRENE	23.10	104	4554387	42.79 ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	1323325	39.73 ug/L	97
53)	BROMOFORM	23.95	173	905867	47.01 ug/L	95
54)	ISOPROPYLBENZENE	23.76	105	7522442	44.05 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.46	110	460279	42.90 ug/L	86
56)	N-PROPYLBENZENE	24.63	91	9720426	40.77 ug/L	99
57)	BROMOBENZENE	24.88	156	1842076	40.68 ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.95	105	7000660	43.46 ug/L	100
59)	2-CHLOROTOLUENE	25.12	91	6893350	41.31 ug/L	100
60)	4-CHLOROTOLUENE	25.19	91	5724633	37.34 ug/L	99
61)	TERT-BUTYLBENZENE	25.75	119	6160353	44.66 ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.84	105	6983973	42.09 ug/L	99
63)	SEC-BUTYLBENZENE	26.20	105	7774892	42.24 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.46	119	6325410	45.48 ug/L	95
65)	1,3-DICHLOROBENZENE	26.81	146	3233017	40.42 ug/L	99
66)	1,4-DICHLOROBENZENE	27.04	146	3274810	39.88 ug/L	97
67)	N-BUTYLBENZENE	27.33	91	6743814	42.33 ug/L	98
68)	1,2-DICHLOROBENZENE	27.89	146	2759961	39.17 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.67	157	173766	50.06 ug/L	92
70)	1,2,4-TRICHLOROBENZENE	31.97	180	2018756	47.26 ug/L	99
71)	HEXACHLOROBUTADIENE	32.28	225	1267451	41.96 ug/L	100
72)	NAPHTHALENE	32.81	128	2945611	27.33 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.52	180	1702759	46.35 ug/L	98
74)	NITROBENZENE	29.88	77	1130541	943.57 ug/L	95

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

Data File : C:\HPCHEM\1\DATA\02JAN28\0128R40.D Vial: 8
Acq On : 28 Jan 2002 3:52 pm Operator: 201-wb
Sample : ref 40 Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 28 16:36 2002 Quant Results File: HP010702.RES

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 10:38:51

Sample: AE01636
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/28/02 00:08 Ended: 1/28/02 00:08 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 2/20/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 10:38:51

Sample: AE01636
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 1/28/02 00:08 Ended: 1/28/02 00:08 Analyst: BH
Result source: manual entry
Page: 2

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

Comments for Sample AE01636 - Analysis $524

Westchester Dept. of Labs & Research
User: Huhn, William
Date: 02-14-2002 Time: 10:48:03

Napthalene recovery in reference standard: 68%.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN28\1636.D Vial: 3
Acq On : 28 Jan 2002 6:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 20 12:26 2002 Quant Results File: HP010702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	887543	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.81	117	731356	5.00	ug/L	-0.04
52) 1,4-DICHLOROBENZENE-D4	26.99	152	335171	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	538090	4.67	ug/L	-0.04
Spiked Amount 5.000			Recovery = 93.40%			
3) 4-BROMOFLUOROBENZENE	24.39	174	266350	4.43	ug/L	-0.04
Spiked Amount 5.000			Recovery = 88.60%			
25) TOLUENE-D8	18.50	98	998267	5.12	ug/L	-0.04
Spiked Amount 5.000			Recovery = 102.40%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	54407	4.73	ug/L	90
14) METHYLENE CHLORIDE	9.65	49	47017	0.58	ug/L	89
15) METHYL TERT BUTYL ETHER	10.01	73	8588	0.18	ug/L	95
18) 2-BUTANONE (MEK)	12.05	43	47734	2.91	ug/L	90
46) 2-HEXANONE	19.15	43	2716	0.17	ug/L	36

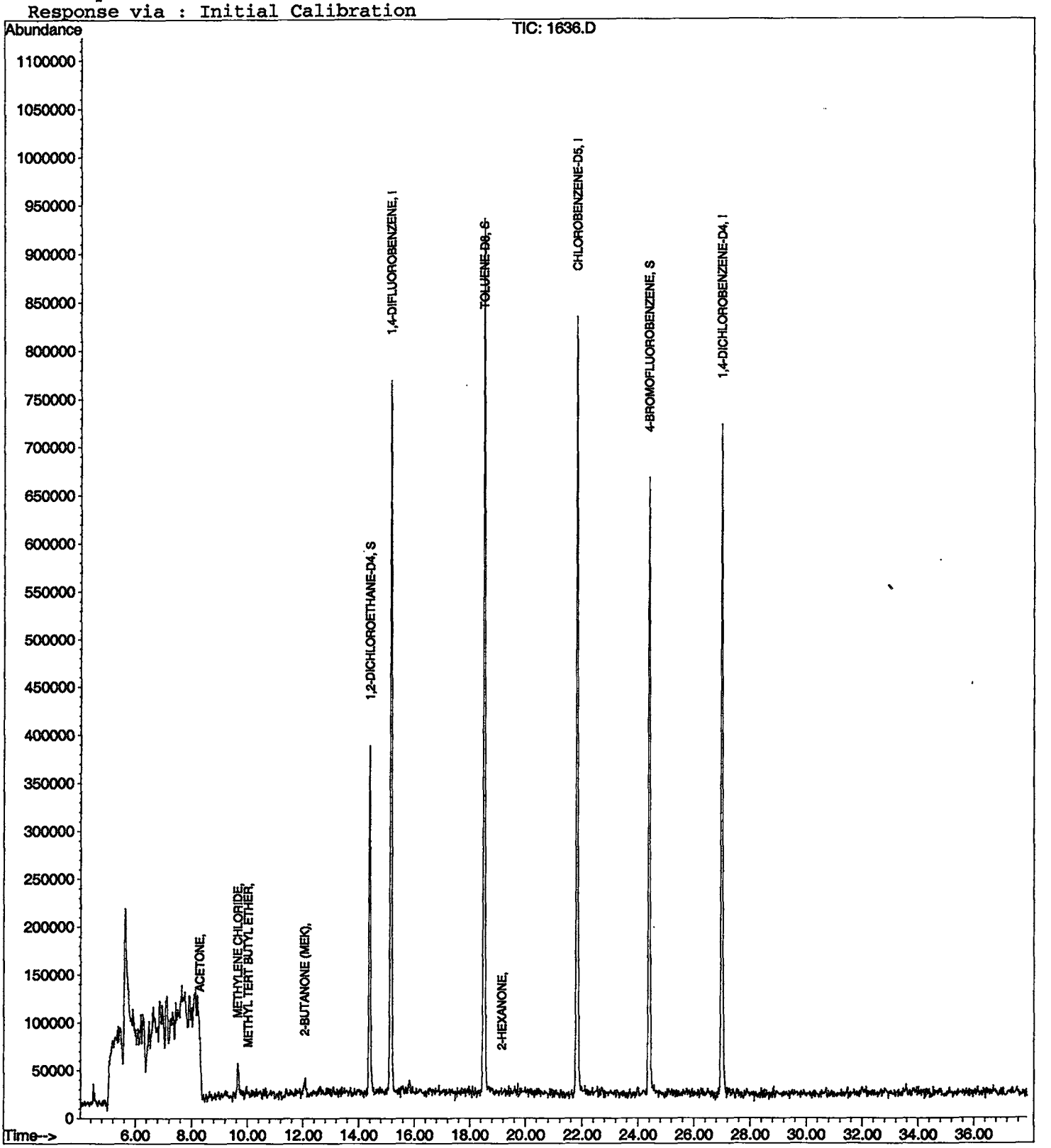
(#) = qualifier out of range (m) = manual integration
1636.D HP013102.M Wed Feb 20 12:27:30 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN28\1636.D
Acq On : 28 Jan 2002 6:12 pm
Sample : nyc
Misc : January 28, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 20 12:26 2002

Vial: 3
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 : Wed Feb 13 11:54:50 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN28\1636.D Vial: 3
Acq On : 28 Jan 2002 6:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

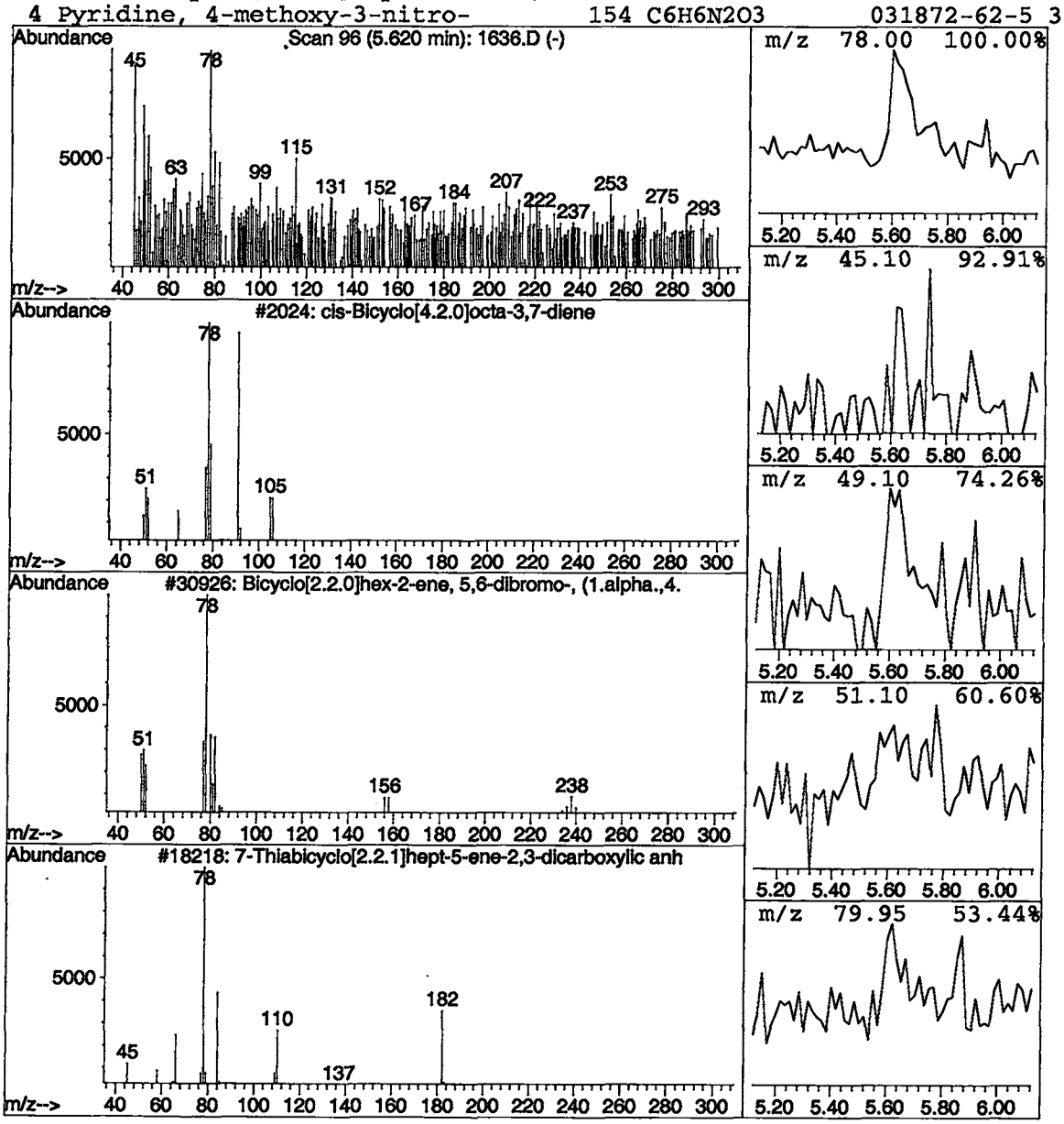
Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 cis-Bicyclo[4.2.0]octa-3,7-die Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	2.31 ug/L	1322730	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Bicyclo[4.2.0]octa-3,7-diene	106	C8H10	103148-59-0	53
2	Bicyclo[2.2.0]hex-2-ene, 5,6-dibrom	236	C6H6Br2	016622-67-6	53
3	7-Thiabicyclo[2.2.1]hept-5-ene-2,3-	182	C8H6O3S	064566-32-1	46
4	Pyridine, 4-methoxy-3-nitro-	154	C6H6N2O3	031872-62-5	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN28\1636.D Vial: 3
Acq On : 28 Jan 2002 6:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

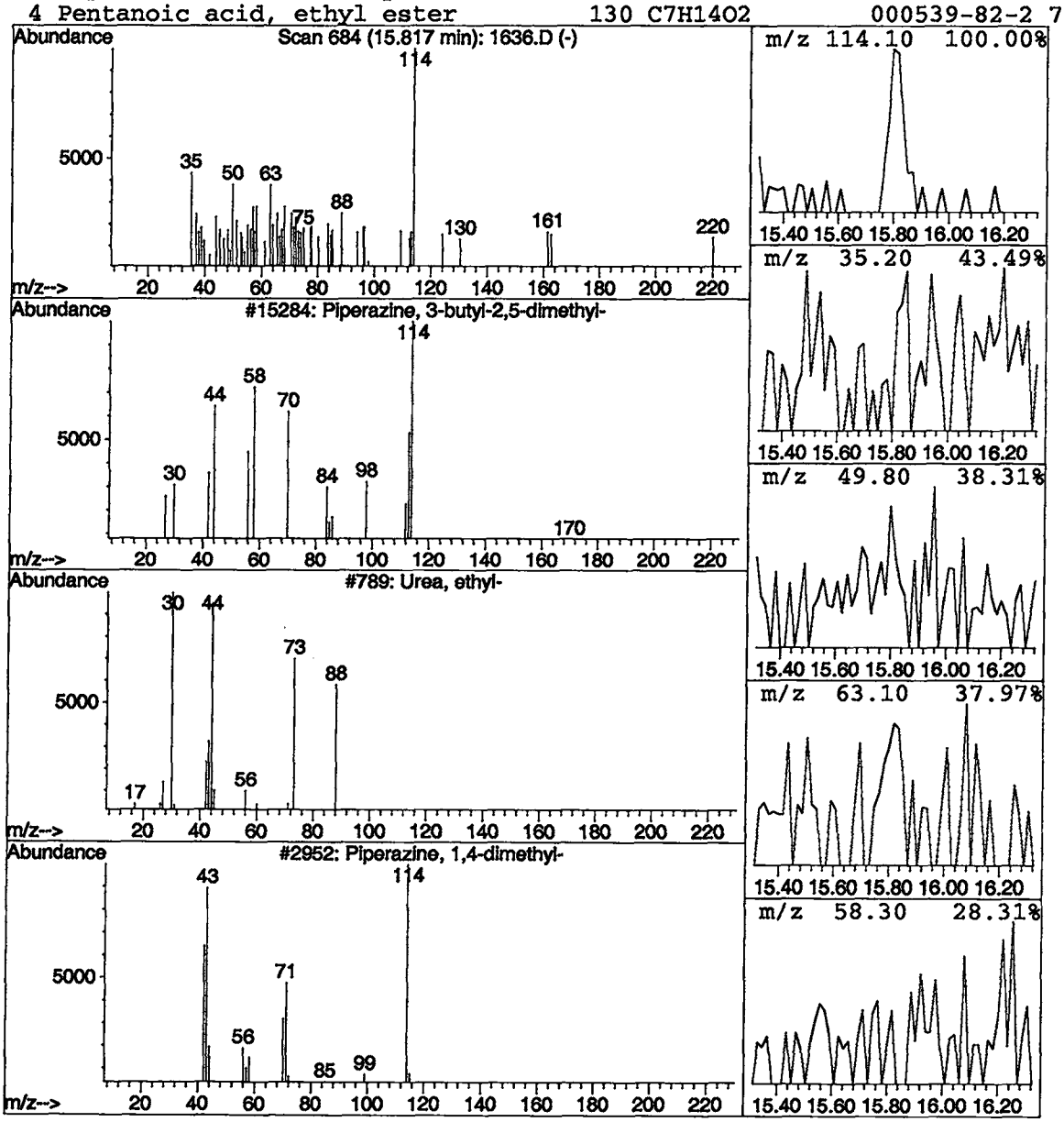
Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine, 3-butyl-2,5-dimeth Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.10 ug/L	57283	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 3-butyl-2,5-dimethyl-	170	C10H22N2	054410-93-4	83
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	83
3	Piperazine, 1,4-dimethyl-	114	C6H14N2	000106-58-1	83
4	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	74



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 10:44:31

Sample: AE01637
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/28/02 10:39 Ended: 1/28/02 10:39 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 2/20/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 10:44:31

Sample: AE01637
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 1/28/02 10:39 Ended: 1/28/02 10:39 Analyst: BH
Result source: manual entry
Page: 2

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

Comments for Sample AE01637 - Analysis $524

Westchester Dept. of Labs & Research
User: Huhn, William
Date: 02-14-2002 Time: 10:49:41

Napthalene recovery in reference standard 68%.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN28\1637.D Vial: 4
Acq On : 28 Jan 2002 6:55 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 19 16:55 2002 Quant Results File: HP010702.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	920027	5.00	ug/L	-0.04
24) CHLOROBENZENE-D5	21.79	117	777101	5.00	ug/L	-0.05
52) 1,4-DICHLOROBENZENE-D4	26.97	152	349853	5.00	ug/L	-0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	584933	4.90	ug/L	-0.05
Spiked Amount 5.000			Recovery =	98.00%		
3) 4-BROMOFLUOROBENZENE	24.39	174	283273	4.54	ug/L	-0.04
Spiked Amount 5.000			Recovery =	90.80%		
25) TOLUENE-D8	18.50	98	1058327	5.11	ug/L	-0.04
Spiked Amount 5.000			Recovery =	102.20%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	60836	5.10	ug/L	88
14) METHYLENE CHLORIDE	9.65	49	47070	0.56	ug/L	92
18) 2-BUTANONE (MEK)	12.04	43	42027	2.42	ug/L	91
46) 2-HEXANONE	19.23	43	3271	0.19	ug/L	36

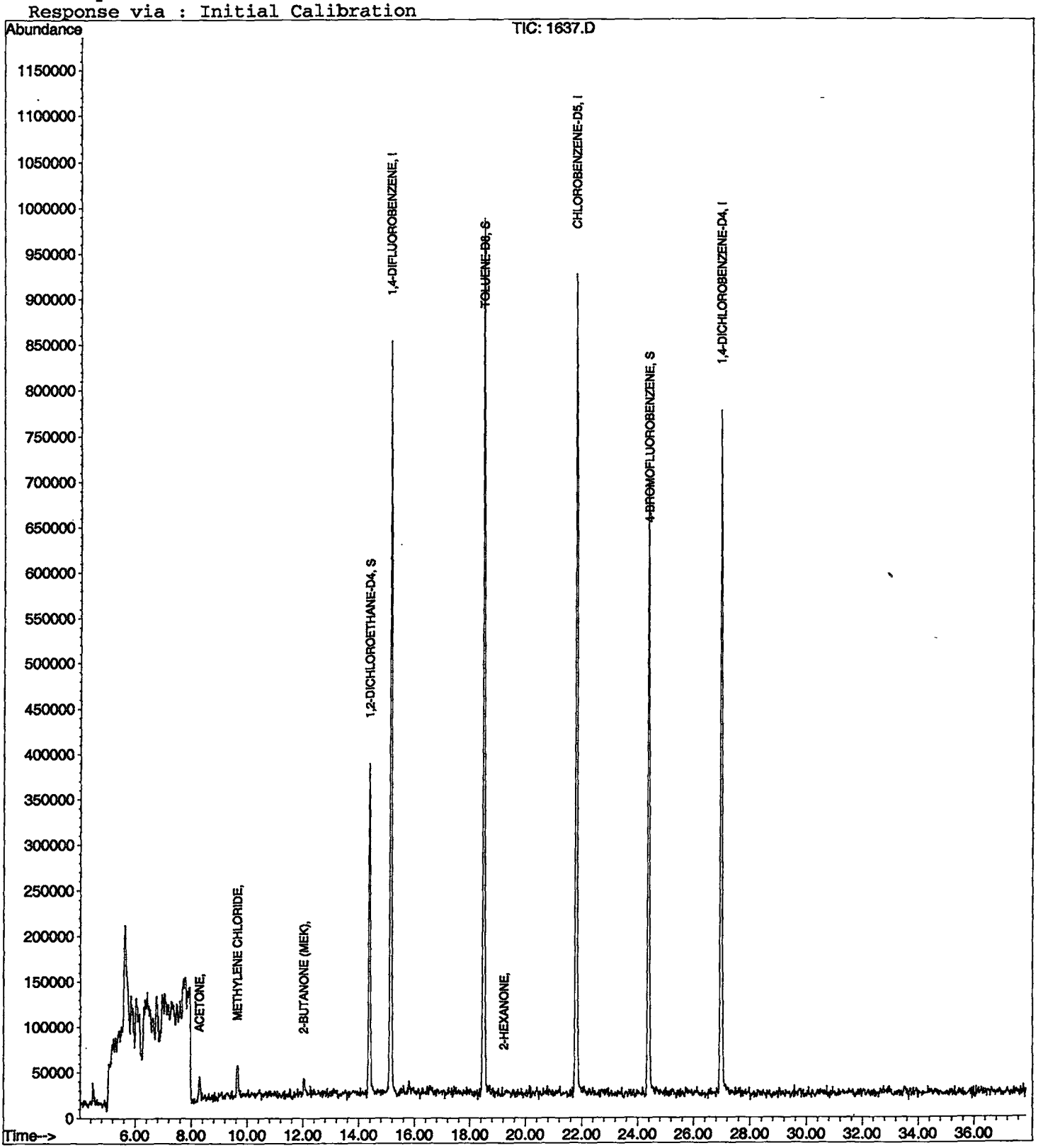
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN28\1637.D
Acq On : 28 Jan 2002 6:55 pm
Sample : nyc
Misc : January 28, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 19 16:55 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP010702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN28\1637.D Vial: 4
Acq On : 28 Jan 2002 6:55 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : January 28, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

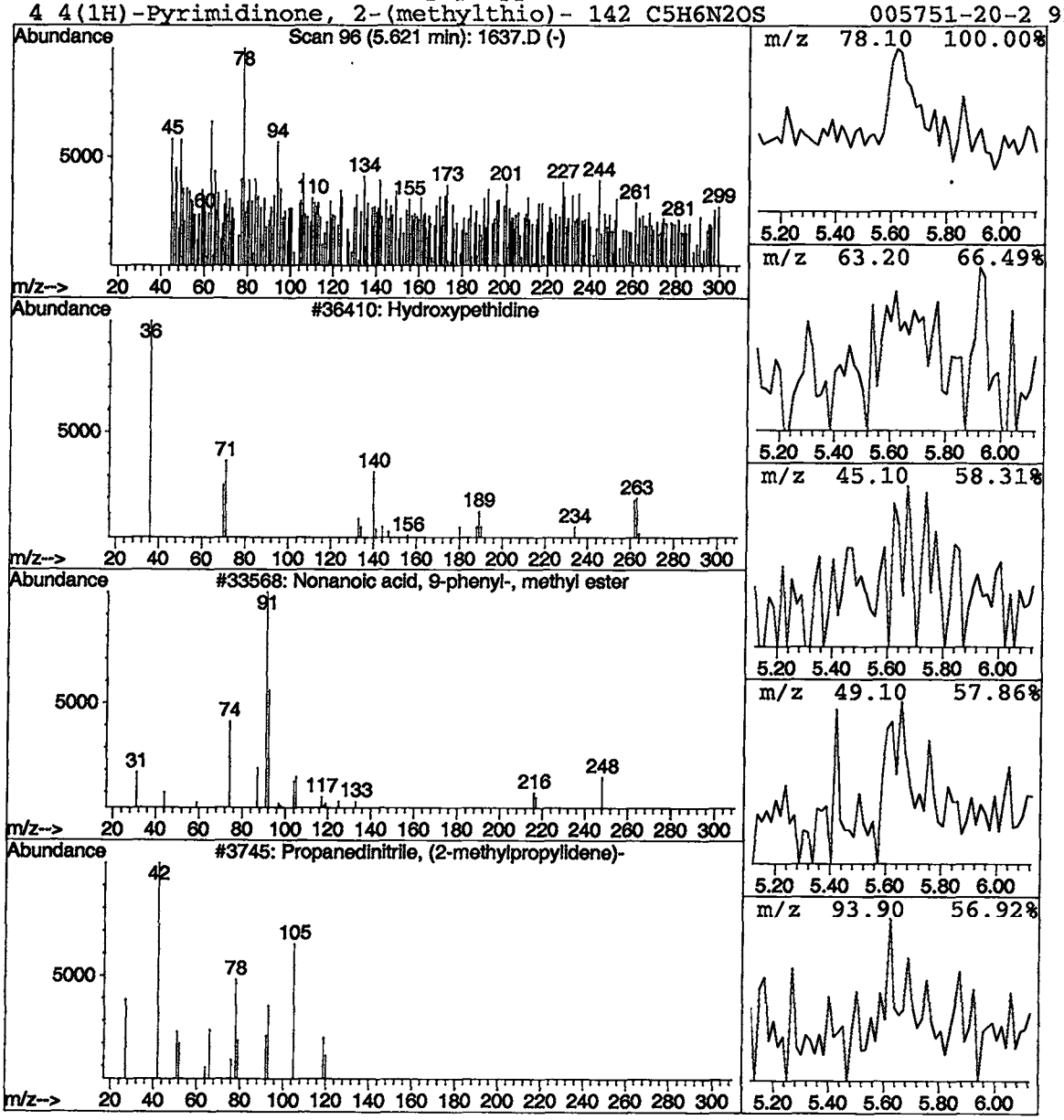
Quant Method : C:\HPCHEM\1\METHODS\HP010702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hydroxypethidine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	1.45 ug/L	884501	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxypethidine	263	C15H21NO3	000468-56-4	94
2	Nonanoic acid, 9-phenyl-, methyl es	248	C16H24O2	024197-55-5	91
3	Propanedinitrile, (2-methylpropylid	120	C7H8N2	013134-03-7	91
4	4(1H)-Pyrimidinone, 2-(methylthio)-	142	C5H6N2OS	005751-20-2	91



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:50:23

Sample: AE01638
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 1/31/02 00:04 Ended: 1/31/02 00:04 Analyst: BH
Result source: c:\hpchem\1\data\02jan31\0131b2.d\0131b2.rr
Page: 1

	Component Name	Vial	Result
1	Surr - 1-CHLORO-3F-BENZENE	[illegible]	6.5
2	Surr - 4-BROMOFLUOROBENZ		6.0
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		0.13
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		1.8
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.59
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		2.1
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		0.46
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:50:23

Sample: AE01638
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 1/31/02 00:04 Ended: 1/31/02 00:04 Analyst: BH
Result source: c:\hpchem\1\data\02jan31\0131b2.d\0131b2.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\0131B2.D Vial: 10
Acq On : 31 Jan 2002 4:21 pm Operator: 206-bh
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 31 17:27 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.37	114	150928	5.00	ug/L		-0.07
21) CHLOROBENZENE-D5	20.97	117	158931	5.00	ug/L		-0.05
49) 1,4-DICHLOROBENZENE-D4	26.14	152	74715	5.00	ug/L		-0.05
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4	13.61	65	94625	6.80	ug/L		-0.04
Spiked Amount 5.000			Recovery = 136.00%				
22) TOLUENE-D8	17.70	98	213470	5.26	ug/L		-0.05
Spiked Amount 5.000			Recovery = 105.20%				
52) 4-BROMOFLUOROBENZENE	23.56	174	50992	6.03	ug/L		-0.04
Spiked Amount 5.000			Recovery = 120.60%				
Target Compounds							Qvalue
4) CHLOROMETHANE	5.11	50	2406	0.13	ug/L		67
9) ACETONE	7.65	43	4359	1.81	ug/L	#	56
11) METHYLENE CHLORIDE	8.95	49	9815	0.59	ug/L		96
15) 2-BUTANONE (MEK)	11.31	43	6711	2.10	ug/L		61
43) 2-HEXANONE	18.48	43	2233	0.46	ug/L		36
68) NITROBENZENE	28.95	77	1811	3.11	ug/L	#	49
71) NAPHTHALENE	31.32	128	4777	0.24	ug/L	#	71
72) 1,2,3-TRICHLOROBENZENE	31.88	180	2409	0.20	ug/L		91
73) ETHANOL	7.31	45	1184	42.77	ug/L	#	100

do

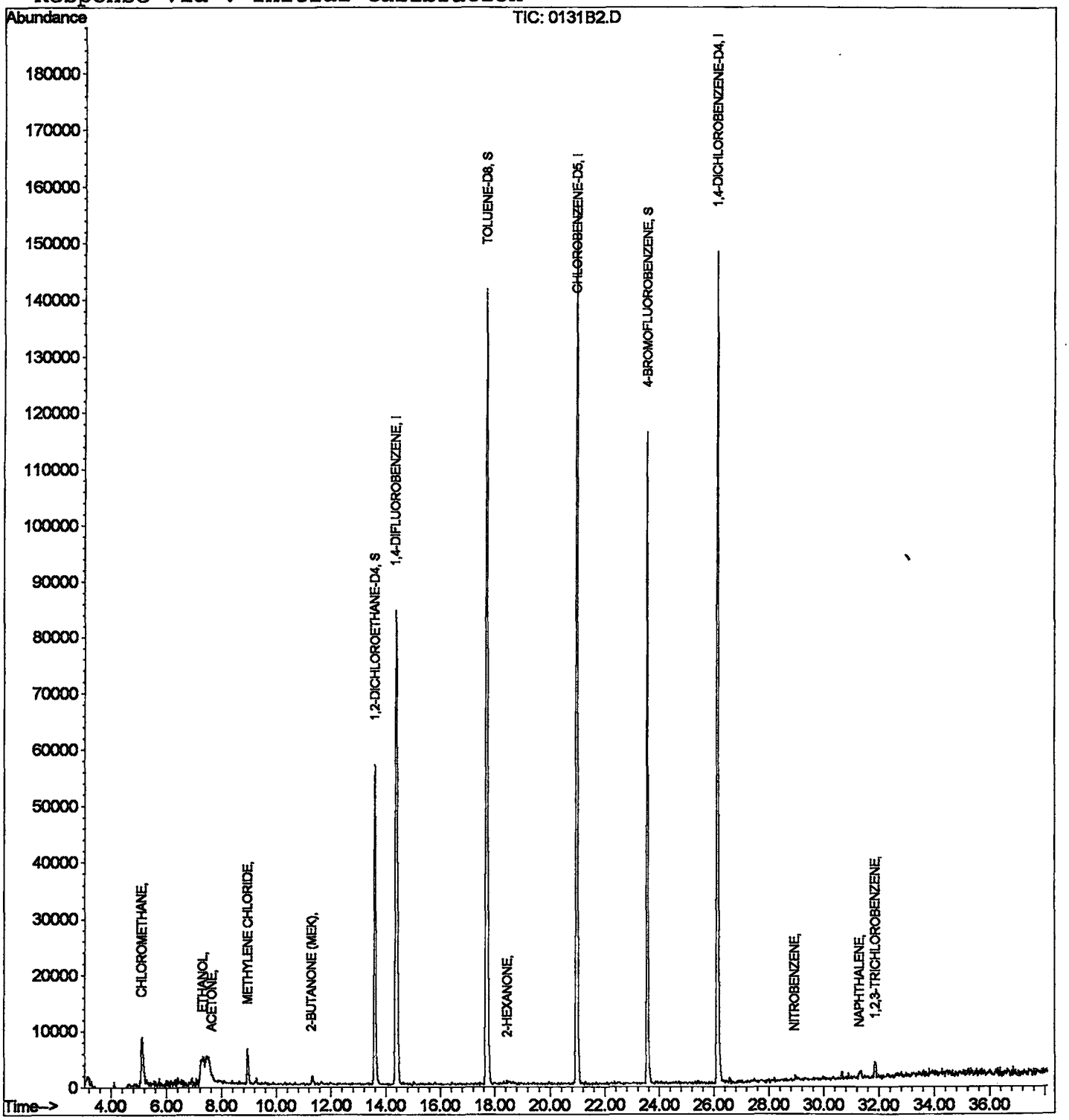
(#) = qualifier out of range (m) = manual integration
0131B2.D MDLVOA.M Thu Feb 14 11:47:03 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN31\0131B2.D
Acq On : 31 Jan 2002 4:21 pm
Sample : lb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 31 17:27 2002

Vial: 10
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\MDLVOA.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 14:19:26 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:51:47

Sample: AE01638
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/31/02 00:05 Ended: 1/31/02 00:05 Analyst: BH
Result source: c:\hpchem\1\data\02jan31\0131c10a.d\0131c10a.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	[illegible]	[illegible]	[illegible]		[illegible]
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	[illegible]	[illegible]	[illegible]		[illegible]
4	[illegible]	[illegible]	[illegible]		[illegible]
5	Vinyl chloride		8.4		.5
6	[illegible]	[illegible]	[illegible]		[illegible]
7	[illegible]	[illegible]	[illegible]		[illegible]
8	Trichlorofluoromethane		8.9		.5
9	1,1-Dichloroethene		8.7		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		9.8		1.0
12	trans-1,2-dichloroethene		8.9		.5
13	1,1-dichloroethane		9.1		.5
14	2-butanone (MEK)		12		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		9.1		.5
17	Chloroform		10		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		12		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		9.1		.5
22	1,1-dichloropropene		8.3		.5
23	Carbon tetrachloride		9.2		.5
24	Benzene		8.1		.5
25	Trichloroethene		8.9		.5
26	1,2-dichloropropane		8.8		.5
27	Dibromomethane		8.8		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		11		1.0
30	cis-1,3-dichloropropene		9.3		.5
31	Toluene		9.0		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		8.8		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.2		.5
38	1,1,1,2-tetrachloroethane		9.8		.5
39	Ethylbenzene		9.5		.5
40	P & M-xylene		19		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		8.6		2.0
45	Isopropylbenzene		7.4		.5
46	1,2,3-trichloropropane		8.5		.5
47	N-propylbenzene		7.6		.5
48	Bromobenzene		8.2		.5

low

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:51:47

Sample: AE01638
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/31/02 00:05 Ended: 1/31/02 00:05 Analyst: BH
Result source: c:\hpchem\1\data\02jan31\0131c10a.d\0131c10a.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		7.9		.5
50	2-chlorotoluene		8.5		.5
51	4-chlorotoluene		7.5		.5
52	TERT-butylbenzene		7.6		.5
53	1,2,4-trimethylbenzene		8.3		.5
54	SEC-butylbenzene		7.8		.5
55	P-isopropyltoluene		8.0		.5
56	1,3-dichlorobenzene		8.6		.5
57	1,4-dichlorobenzene		8.6		.5
58	N-butylbenzene		8.3		.5
59	1,2-dichlorobenzene		9.1		.5
60	1,2,4-trichlorobenzene		9.5		.5
61	Hexachlobutadiene		8.7		.5
62	Naphthalene		10		.5
63	1,2,3-trichlorobenzene		9.6		.5
64	Nitrobenzene		200		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\0131C10A.D Vial: 11
Acq On : 31 Jan 2002 5:04 pm Operator: 206-bh
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 31 17:43 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	158295	5.00	ug/L		-0.05
21) CHLOROBENZENE-D5	20.99	117	178066	5.00	ug/L		-0.03
49) 1,4-DICHLOROBENZENE-D4	26.16	152	195665	5.00	ug/L		-0.03
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4	13.61	65	96034	6.58	ug/L		-0.03
Spiked Amount 5.000			Recovery = 131.60%				
22) TOLUENE-D8	17.72	98	222878	4.91	ug/L		-0.03
Spiked Amount 5.000			Recovery = 98.20%				
52) 4-BROMOFLUOROBENZENE	23.57	174	101765	4.60	ug/L		-0.03
Spiked Amount 5.000			Recovery = 92.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	4.46	85	76391	3.57	ug/L		96
4) CHLOROMETHANE	4.95	50	94238	4.76	ug/L		95
5) VINYL CHLORIDE	5.13	62	174094	8.39	ug/L		99
6) BROMOMETHANE	6.04	94	63836	6.66	ug/L		97
7) CHLOROETHANE	6.17	64	63148	6.50	ug/L		89
8) TRICHLOROFLUOROMETHANE	6.73	101	290475	8.88	ug/L		96
9) ACETONE	7.64	43	22603	8.93	ug/L	#	85
10) 1,1-DICHLOROETHENE	7.99	61	163477	8.74	ug/L		96
11) METHYLENE CHLORIDE	8.95	49	204478	11.69	ug/L		96
12) METHYL TERT BUTYL ETHER	9.24	73	214296	9.81	ug/L		98
13) TRANS-1,2-DICHLOROETHENE	9.60	61	174585	8.91	ug/L		98
14) 1,1-DICHLOROETHANE	10.49	63	215237	9.07	ug/L		98
15) 2-BUTANONE (MEK)	11.31	43	39058	11.63	ug/L		95
16) 2,2-DICHLOROPROPANE	11.68	77	267872	9.98	ug/L		99
17) CIS-1,2-DICHLOROETHENE	11.78	96	108919	9.07	ug/L		91
18) CHLOROFORM	12.11	83	281144	10.09	ug/L		95
19) BROMOCHLOROMETHANE	12.48	49	118708	10.41	ug/L		97
20) 1,2-DICHLOROETHANE	13.81	62	235765	11.77	ug/L		99
23) 1,1,1-TRICHLOROETHANE	12.98	97	279320	9.10	ug/L		98
24) 1,1-DICHLOROPROPENE	13.32	75	187617	8.28	ug/L		95
25) CARBON TETRACHLORIDE	13.56	117	236902	9.16	ug/L		98
26) BENZENE	13.93	78	441293	8.09	ug/L		96
27) TRICHLOROETHENE	15.18	95	143304	8.95	ug/L		94
28) 1,2-DICHLOROPROPANE	15.53	63	123331	8.81	ug/L		97
29) DIBROMOMETHANE	16.18	174	39629	8.76	ug/L		92
30) BROMODICHLOROMETHANE	16.03	83	242186	10.15	ug/L		100
31) 2-CHLOROETHYL VINYL ETHER	16.54	63	42286	10.12	ug/L		98
32) Methyl iso-butyl ketone	16.61	58	21040	10.71	ug/L		84

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\0131C10A.D Vial: 11
Acq On : 31 Jan 2002 5:04 pm Operator: 206-bh
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 31 17:43 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

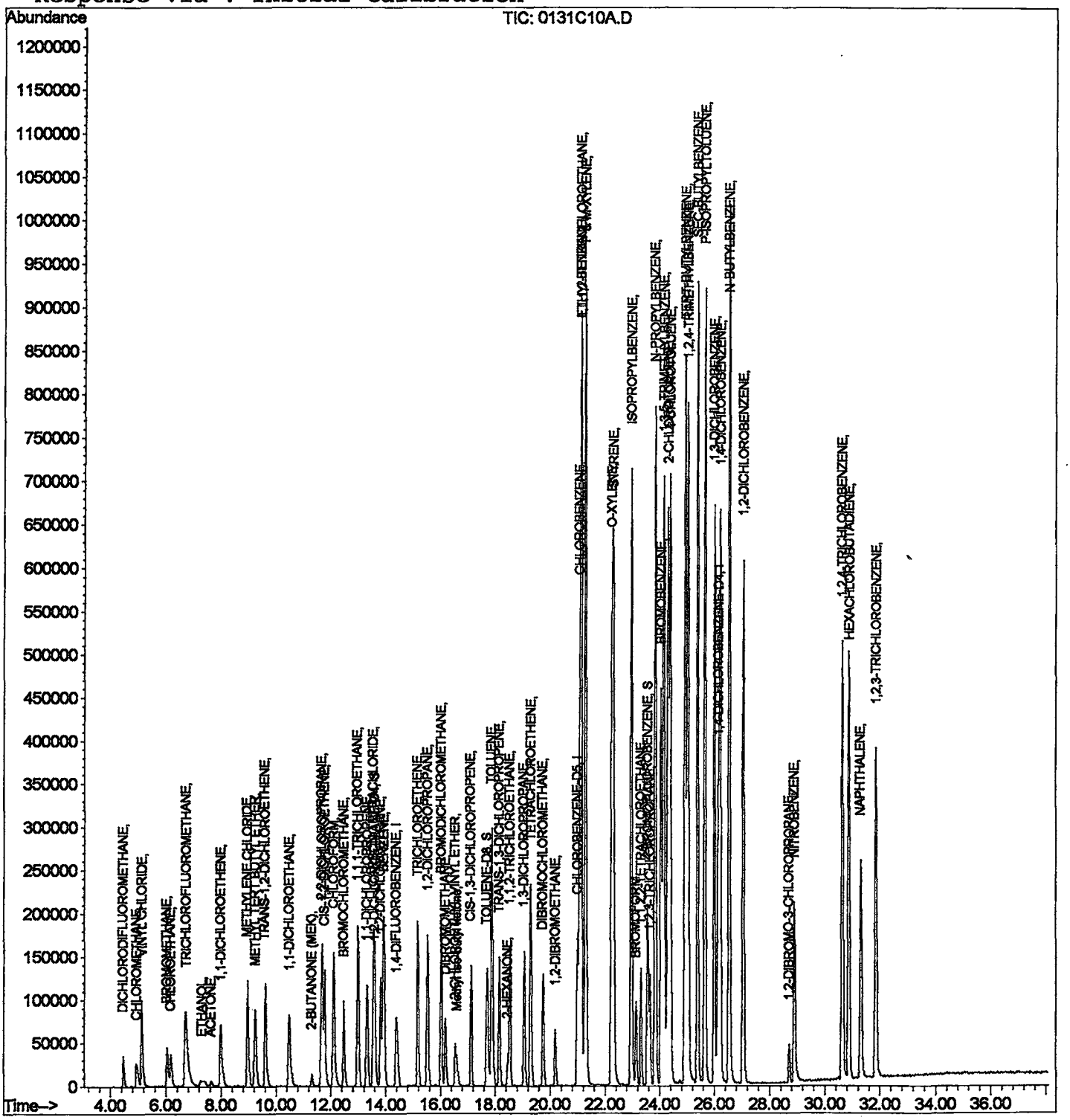
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	CIS-1,3-DICHLOROPROPENE	17.12	75	225318	9.30	ug/L		97
34)	TOLUENE	17.89	91	585820	8.95	ug/L		98
35)	TRANS-1,3-DICHLOROPROPENE	18.16	75	241187	10.71	ug/L		99
36)	1,1,2-TRICHLOROETHANE	18.55	97	90910	10.25	ug/L		99
37)	TETRACHLOROETHENE	19.32	166	127604	8.79	ug/L		98
38)	1,3-DICHLOROPROPANE	19.06	76	194226	9.97	ug/L		99
39)	DIBROMOCHLOROMETHANE	19.75	129	124341	10.09	ug/L		99
40)	1,2-DIBROMOETHANE	20.19	107	84752	10.01	ug/L		100
41)	CHLOROBENZENE	21.08	112	384485	9.23	ug/L		99
42)	1,1,1,2-TETRACHLOROETHANE	21.13	131	163692	9.81	ug/L		99
43)	2-HEXANONE	18.47	43	57952	10.55	ug/L		99
44)	ETHYLBENZENE	21.13	91	906337	9.54	ug/L		99
45)	P & M-XYLENE	21.28	106	644876	18.80	ug/L		94
46)	O-XYLENE	22.25	91	886001	10.59	ug/L		98
47)	STYRENE	22.30	104	620562	10.61	ug/L		95
48)	1,1,2,2-TETRACHLOROETHANE	23.33	83	144285	11.59	ug/L		98
50)	BROMOFORM	23.14	173	80154	8.64	ug/L		95
51)	ISOPROPYLBENZENE	22.97	105	1099156	7.38	ug/L		99
53)	1,2,3-TRICHLOROPROPANE	23.65	110	53612	8.52	ug/L		94
54)	N-PROPYLBENZENE	23.84	91	1538224	7.57	ug/L		99
55)	BROMOBENZENE	24.06	156	229409	8.18	ug/L		95
56)	1,3,5-TRIMETHYLBENZENE	24.16	105	1051818	7.93	ug/L		99
57)	2-CHLOROTOLUENE	24.32	91	1076671	8.46	ug/L		99
58)	4-CHLOROTOLUENE	24.38	91	949731	7.45	ug/L		99
59)	TERT-BUTYLBENZENE	24.95	134	229622	7.65	ug/L		93
60)	1,2,4-TRIMETHYLBENZENE	25.03	105	1186339	8.25	ug/L		97
61)	SEC-BUTYLBENZENE	25.39	105	1527052	7.79	ug/L		99
62)	P-ISOPROPYLTOLUENE	25.66	119	1260448	8.01	ug/L		98
63)	1,3-DICHLOROBENZENE	26.00	146	591065	8.55	ug/L		99
64)	1,4-DICHLOROBENZENE	26.22	146	605105	8.62	ug/L		98
65)	N-BUTYLBENZENE	26.55	91	1413954	8.29	ug/L		100
66)	1,2-DICHLOROBENZENE	27.06	146	546809	9.10	ug/L		100
67)	1,2-DIBROMO-3-CHLOROPROPAN	28.71	157	31977	11.23	ug/L		95
68)	NITROBENZENE	28.90	77	308276	201.97	ug/L		98
69)	1,2,4-TRICHLOROBENZENE	30.64	180	369916	9.48	ug/L		99
70)	HEXACHLOROBUTADIENE	30.90	225	214921	8.66	ug/L		100
71)	NAPHTHALENE	31.31	128	528325	10.13	ug/L		98
72)	1,2,3-TRICHLOROBENZENE	31.87	180	296178	9.58	ug/L		97
73)	ETHANOL	7.30	45	4290	59.17	ug/L	#	100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN31\0131C10A.D Vial: 11
Acq On : 31 Jan 2002 5:04 pm Operator: 206-bh
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 31 17:43 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 14:19:26 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:36:55

Sample: AE01638
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 1/31/02 00:05 Ended: 1/31/02 00:05 Analyst: BH
Result source: c:\hpchem\1\data\02jan31\0131r5.d\0131r5.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		6.0		
2	4-BROMOFLUOROBENZENE		4.8		
3	DICHLORODIFLUOROMETHAN		2.3		.5
4	CHLOROMETHANE		4.3		.5
5	VINYL CHLORIDE		3.6		.5
6	BROMOMETHANE		4.6		.5
7	CHLOROETHANE		3.9		.5
8	TRICHLOROFLUOROMETHAN		3.7		.5
9	ACETONE		5.5		.5
10	1,1-DICHLOROETHENE		5.0		.5
11	METHYLENE CHLORIDE		6.6		.5
12	METHYL TERT BUTYL ETHER		5.5		1
13	TRANS-1,2-DICHLOROETHEN		5.0		.5
14	1,1-DICHLOROETHANE		5.2		.5
15	2-BUTANONE (MEK)		7.9		.5
16	2,2-DICHLOROPROPANE		5.0		.5
17	CIS-1,2-DICHLOROETHENE		5.1		.5
18	CHLOROFORM		5.2		.5
19	BROMOCHLOROMETHANE		5.3		.5
20	1,2-DICHLOROETHANE		5.4		.5
21	TOLUENE-D8		5.1		
22	1,1,1-TRICHLOROETHANE		4.8		.5
23	1,1-DICHLOROPROPENE		4.5		.5
24	CARBON TETRACHLORIDE		4.8		.5
25	BENZENE		4.4		.5
26	TRICHLOROETHENE		4.6		.5
27	1,2-DICHLOROPROPANE		4.7		.5
28	DIBROMOMETHANE		5.0		.5
29	BROMODICHLOROMETHANE		5.2		.5
30	2-CHLOROETHYL VINYL ETHE		5.6		.5
31	METHYL ISO-BUTYL KETONE		6.0		1
32	CIS-1,3-DICHLOROPROPENE		4.7		.5
33	TOLUENE		4.5		.5
34	TRANS-1,3-DICHLOROPROPE		4.7		.5
35	1,1,2-TRICHLOROETHANE		4.9		.5
36	TETRACHLOROETHENE		4.2		.5
37	1,3-DICHLOROPROPANE		4.8		.5
38	DIBROMOCHLOROMETHANE		4.8		2
39	1,2-DIBROMOETHANE		4.8		.5
40	CHLOROBENZENE		4.6		.5
41	1,1,1,2-TETRACHLOROETHA		4.5		.5
42	2-HEXANONE		6.1		.5
43	ETHYLBENZENE		4.4		.5
44	P & M-XYLENE		9.1		.5
45	O-XYLENE		4.7		.5
46	STYRENE		4.8		.5
47	1,1,2,2-TETRACHLOROETHA		5.2		.5
48	BROMOFORM		4.7		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:36:55

Sample: AE01638
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 1/31/02 00:05 Ended: 1/31/02 00:05 Analyst: BH
Result source: c:\hpchem\1\data\02jan31\0131r5.d\0131r5.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.1		.5
50	1,2,3-TRICHLOROPROPANE		4.7		.5
51	N-PROPYLBENZENE		4.2		.5
52	BROMOBENZENE		4.5		.5
53	1,3,5-TRIMETHYLBENZENE		4.3		.5
54	2-CHLOROTOLUENE		4.6		.5
55	4-CHLOROTOLUENE		4.2		.5
56	TERT-BUTYLBENZENE		4.2		.5
57	1,2,4-TRIMETHYLBENZENE		4.4		.5
58	SEC-BUTYLBENZENE		4.2		.5
59	P-ISOPROPYLTOLUENE		4.1		.5
60	1,3-DICHLOROBENZENE		4.6		.5
61	1,4-DICHLOROBENZENE		4.7		.5
62	N-BUTYLBENZENE		4.3		.5
63	1,2-DICHLOROBENZENE		4.8		.5
64	1,2-DIBROMO-3-CHLOROPRO		5.8		.5
65	1,2,4-TRICHLOROBENZENE		4.9		.5
66	HEXACHLOROBUTADIENE		4.1		.5
67	NAPHTHALENE		5.4		.5
68	1,2,3-TRICHLOROBENZENE		5.0		.5
69	ETHANOL		85		30
70	NITROBENZENE		110		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:37:45

Sample: AE01638
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/14/02 11:37 Ended: 2/14/02 11:37 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6		.5
2	Surr - 4-BROMOFLUOROBENZ		4.8		.5
3	[redacted]				
4	Chloromethane		86		.5
5	Vinyl chloride		72		.5
6	Bromomethane		92		.5
7	Chloroethane		78		.5
8	Trichlorofluoromethane		74		.5
9	1,1-Dichloroethene		100		.5
10	Methylene Chloride		132		.5
11	Methyl tert butyl ether		110		1.0
12	trans-1,2-dichloroethene		100		.5
13	1,1-dichloroethane		104		.5
14	[redacted]				
15	2,2-dichloropropane		100		.5
16	cis-1,2-dichloroethene		102		.5
17	Chloroform		104		.5
18	Bromochloromethane		106		.5
19	1,2-dichloroethane		108		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1-trichloroethane		96		.5
22	1,1-dichloropropene		90		.5
23	Carbon tetrachloride		96		.5
24	Benzene		88		.5
25	Trichloroethene		92		.5
26	1,2-dichloropropane		94		.5
27	Dibromomethane		100		.5
28	Bromodichloromethane		104		.5
29	Methyl iso-butyl ketone		120		1.0
30	cis-1,3-dichloropropene		94		.5
31	Toluene		90		.5
32	trans-1,3-dichloropropene		94		.5
33	1,1,2-trichloroethane		98		.5
34	Tetrachloroethene		84		.5
35	1,3-dichloropropane		96		.5
36	Dibromochloromethane		96		2.0
37	Chlorobenzene		92		.5
38	1,1,1,2-tetrachloroethane		90		.5
39	Ethylbenzene		88		.5
40	P & M-xylene		91		.5
41	O-xylene		94		.5
42	Styrene		96		.5
43	1,1,2,2-tetrachloroethane		104		.5
44	Bromoform		94		2.0
45	Isopropylbenzene		82		.5
46	1,2,3-trichloropropane		94		.5
47	N-propylbenzene		84		.5
48	Bromobenzene		90		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 11:37:45

Sample: AE01638
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/14/02 11:37 Ended: 2/14/02 11:37 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		86		.5
50	2-chlorotoluene		92		.5
51	4-chlorotoluene		84		.5
52	TERT-butylbenzene		84		.5
53	1,2,4-trimethylbenzene		88		.5
54	SEC-butylbenzene		84		.5
55	P-isopropyltoluene		82		.5
56	1,3-dichlorobenzene		92		.5
57	1,4-dichlorobenzene		94		.5
58	N-butylbenzene		86		.5
59	1,2-dichlorobenzene		96		.5
60	1,2,4-trichlorobenzene		98		.5
61	Hexachlorobutadiene		82		.5
62	Naphthalene		108		.5
63	1,2,3-trichlorobenzene		100		.5
64	Ethanol				
65	Nitrobenzene		110		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\0131R5.D Vial: 12
Acq On : 31 Jan 2002 5:48 pm Operator: 206-bh
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 31 18:26 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	221616	5.00 ug/L	-0.05
21) CHLOROBENZENE-D5	20.99	117	232383	5.00 ug/L	-0.03
49) 1,4-DICHLOROBENZENE-D4	26.16	152	200764	5.00 ug/L	-0.03
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	13.61	65	121933	5.97 ug/L	-0.03
Spiked Amount 5.000			Recovery =	119.40%	
22) TOLUENE-D8	17.72	98	299700	5.05 ug/L	-0.03
Spiked Amount 5.000			Recovery =	101.00%	
52) 4-BROMOFLUOROBENZENE	23.57	174	109423	4.82 ug/L	-0.03
Spiked Amount 5.000			Recovery =	96.40%	
Target Compounds					Qvalue
3) DICHLORODIFLUOROMETHANE	4.46	85	68487	2.29 ug/L	98
4) CHLOROMETHANE	4.94	50	118965	4.29 ug/L	96
5) VINYL CHLORIDE	5.13	62	104322	3.59 ug/L	94
6) BROMOMETHANE	6.05	94	62315	4.64 ug/L	97
7) CHLOROETHANE	6.17	64	52894	3.89 ug/L	96
8) TRICHLOROFLUOROMETHANE	6.71	101	169597	3.70 ug/L	98
9) ACETONE	7.65	43	19564	5.52 ug/L	97
10) 1,1-DICHLOROETHENE	7.99	61	132054	5.04 ug/L	94
11) METHYLENE CHLORIDE	8.95	49	162355	6.63 ug/L	97
12) METHYL TERT BUTYL ETHER	9.26	73	168582	5.51 ug/L	99
13) TRANS-1,2-DICHLOROETHENE	9.60	61	138074	5.03 ug/L	97
14) 1,1-DICHLOROETHANE	10.49	63	172809	5.20 ug/L	97
15) 2-BUTANONE (MEK)	11.31	43	37131	7.90 ug/L	92
16) 2,2-DICHLOROPROPANE	11.68	77	186984	4.98 ug/L	97
17) CIS-1,2-DICHLOROETHENE	11.78	96	85618	5.09 ug/L	98
18) CHLOROFORM	12.11	83	201404	5.16 ug/L	97
19) BROMOCHLOROMETHANE	12.48	49	85232	5.34 ug/L	98
20) 1,2-DICHLOROETHANE	13.81	62	151484	5.40 ug/L	99
23) 1,1,1-TRICHLOROETHANE	12.99	97	192607	4.81 ug/L	98
24) 1,1-DICHLOROPROPENE	13.34	75	133584	4.52 ug/L	99
25) CARBON TETRACHLORIDE	13.56	117	161710	4.79 ug/L	99
26) BENZENE	13.93	78	315027	4.42 ug/L	94
27) TRICHLOROETHENE	15.18	95	95943	4.59 ug/L	96
28) 1,2-DICHLOROPROPANE	15.54	63	86198	4.72 ug/L	95
29) DIBROMOMETHANE	16.18	174	29730	5.04 ug/L	89
30) BROMODICHLOROMETHANE	16.03	83	161057	5.17 ug/L	100
31) 2-CHLOROETHYL VINYL ETHER	16.54	63	30717	5.63 ug/L	88
32) Methyl iso-butyl ketone	16.63	58	15495	6.04 ug/L	94

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\0131R5.D Vial: 12
Acq On : 31 Jan 2002 5:48 pm Operator: 206-bh
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 31 18:26 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

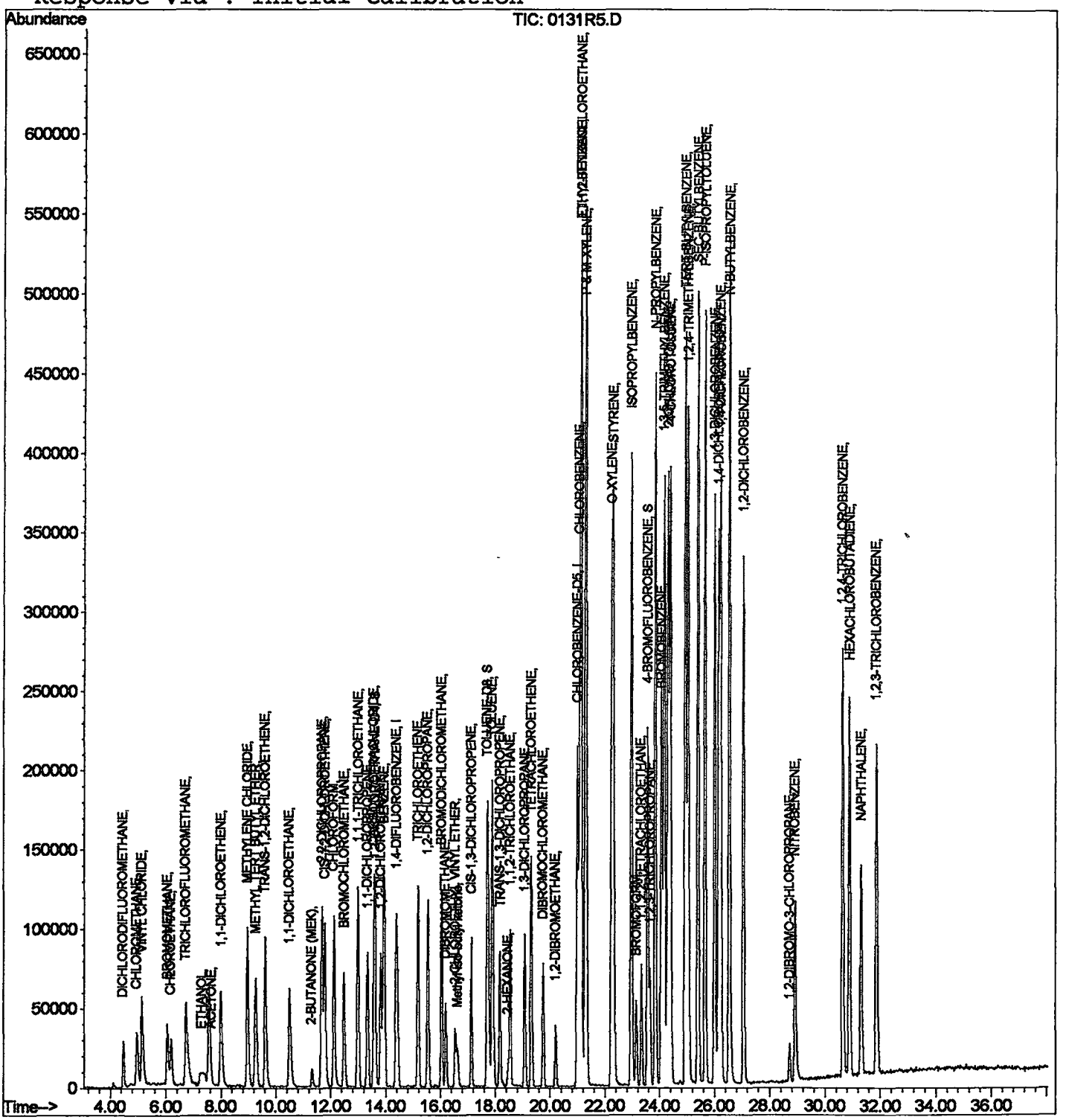
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	CIS-1,3-DICHLOROPROPENE	17.14	75	149572	4.73 ug/L	98
34)	TOLUENE	17.89	91	387701	4.54 ug/L	95
35)	TRANS-1,3-DICHLOROPROPENE	18.18	75	137358	4.67 ug/L	96
36)	1,1,2-TRICHLOROETHANE	18.55	97	56375	4.87 ug/L	97
37)	TETRACHLOROETHENE	19.32	166	80336	4.24 ug/L	99
38)	1,3-DICHLOROPROPANE	19.08	76	121960	4.80 ug/L	99
39)	DIBROMOCHLOROMETHANE	19.75	129	77084	4.79 ug/L	99
40)	1,2-DIBROMOETHANE	20.19	107	53083	4.81 ug/L	99
41)	CHLOROBENZENE	21.08	112	249997	4.60 ug/L	98
42)	1,1,1,2-TETRACHLOROETHANE	21.13	131	99043	4.55 ug/L	97
43)	2-HEXANONE	18.47	43	44047	6.14 ug/L	97
44)	ETHYLBENZENE	21.13	91	548374	4.42 ug/L	96
45)	P & M-XYLENE	21.30	106	406370	9.08 ug/L	96
46)	O-XYLENE	22.25	91	516658	4.73 ug/L	99
47)	STYRENE	22.30	104	363928	4.77 ug/L	97
48)	1,1,2,2-TETRACHLOROETHANE	23.33	83	84757	5.22 ug/L	99
50)	BROMOFORM	23.14	173	44936	4.72 ug/L	99
51)	ISOPROPYLBENZENE	22.97	105	623335	4.08 ug/L	99
53)	1,2,3-TRICHLOROPROPANE	23.65	110	30498	4.73 ug/L	89
54)	N-PROPYLBENZENE	23.84	91	881467	4.23 ug/L	100
55)	BROMOBENZENE	24.08	156	129791	4.51 ug/L	92
56)	1,3,5-TRIMETHYLBENZENE	24.16	105	586545	4.31 ug/L	99
57)	2-CHLOROTOLUENE	24.32	91	599912	4.59 ug/L	99
58)	4-CHLOROTOLUENE	24.38	91	555736	4.25 ug/L	98
59)	TERT-BUTYLBENZENE	24.95	134	129038	4.19 ug/L	97
60)	1,2,4-TRIMETHYLBENZENE	25.03	105	655505	4.45 ug/L	99
61)	SEC-BUTYLBENZENE	25.41	105	849339	4.22 ug/L	99
62)	P-ISOPROPYLTOLUENE	25.66	119	664244	4.11 ug/L	100
63)	1,3-DICHLOROBENZENE	26.00	146	328765	4.64 ug/L	99
64)	1,4-DICHLOROBENZENE	26.23	146	339369	4.71 ug/L	99
65)	N-BUTYLBENZENE	26.55	91	748619	4.28 ug/L	99
66)	1,2-DICHLOROBENZENE	27.06	146	297362	4.82 ug/L	100
67)	1,2-DIBROMO-3-CHLOROPROPAN	28.71	157	17047	5.84 ug/L	83
68)	NITROBENZENE	28.92	77	174684	111.54 ug/L	97
69)	1,2,4-TRICHLOROBENZENE	30.64	180	195733	4.89 ug/L	100
70)	HEXACHLOROBUTADIENE	30.90	225	105059	4.12 ug/L	99
71)	NAPHTHALENE	31.32	128	288905	5.40 ug/L	98
72)	1,2,3-TRICHLOROBENZENE	31.87	180	159986	5.04 ug/L	99
73)	ETHANOL	7.30	45	6327	85.05 ug/L #	100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN31\0131R5.D Vial: 12
Acq On : 31 Jan 2002 5:48 pm Operator: 206-bh
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Jan 31 18:26 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 14:19:26 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\1636.D Vial: 17
Acq On : 31 Jan 2002 9:24 pm Operator: 206-bh
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 19 16:41 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

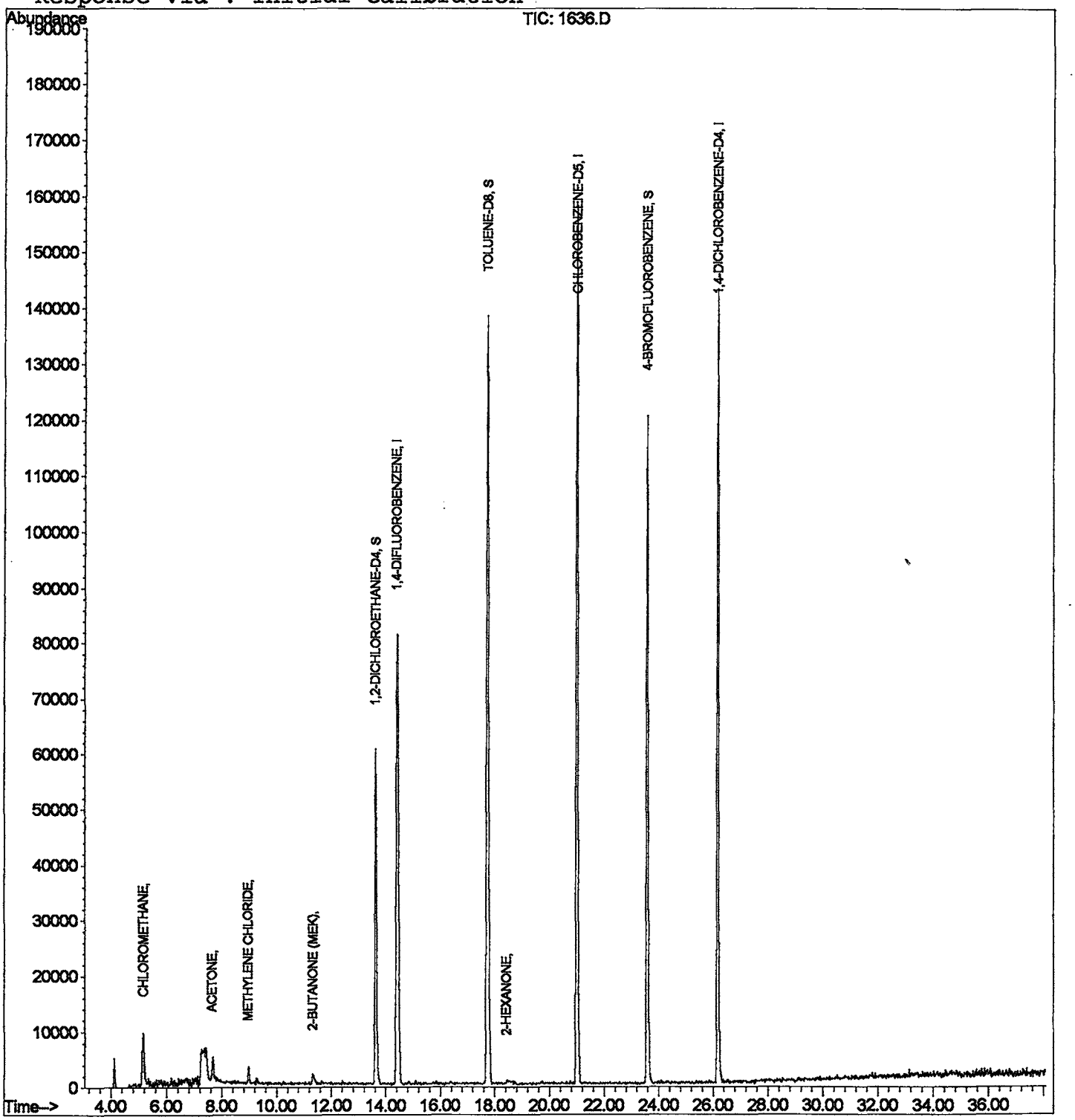
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	155776	5.00	ug/L	-0.03
21) CHLOROBENZENE-D5	21.01	117	161058	5.00	ug/L	-0.02
49) 1,4-DICHLOROBENZENE-D4	26.17	152	73297	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	100251	6.98	ug/L	-0.02
Spiked Amount 5.000			Recovery = 139.60%			
22) TOLUENE-D8	17.73	98	218875	5.33	ug/L	-0.02
Spiked Amount 5.000			Recovery = 106.60%			
52) 4-BROMOFLUOROBENZENE	23.58	174	49826	6.01	ug/L	-0.02
Spiked Amount 5.000			Recovery = 120.20%			
Target Compounds						Qvalue
4) CHLOROMETHANE	5.16	50	2265	0.12	ug/L #	48
9) ACETONE	7.65	43	16261	6.53	ug/L #	83
11) METHYLENE CHLORIDE	8.97	49	4898	0.28	ug/L	95
15) 2-BUTANONE (MEK)	11.34	43	8754	2.65	ug/L	61
43) 2-HEXANONE	18.45	43	1927	0.39	ug/L	36

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN31\1636.D Vial: 17
Acq On : 31 Jan 2002 9:24 pm Operator: 206-bh
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 19 16:41 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\MDLVOA.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 14:31:37 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN31\1636.D
Acq On : 31 Jan 2002 9:24 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

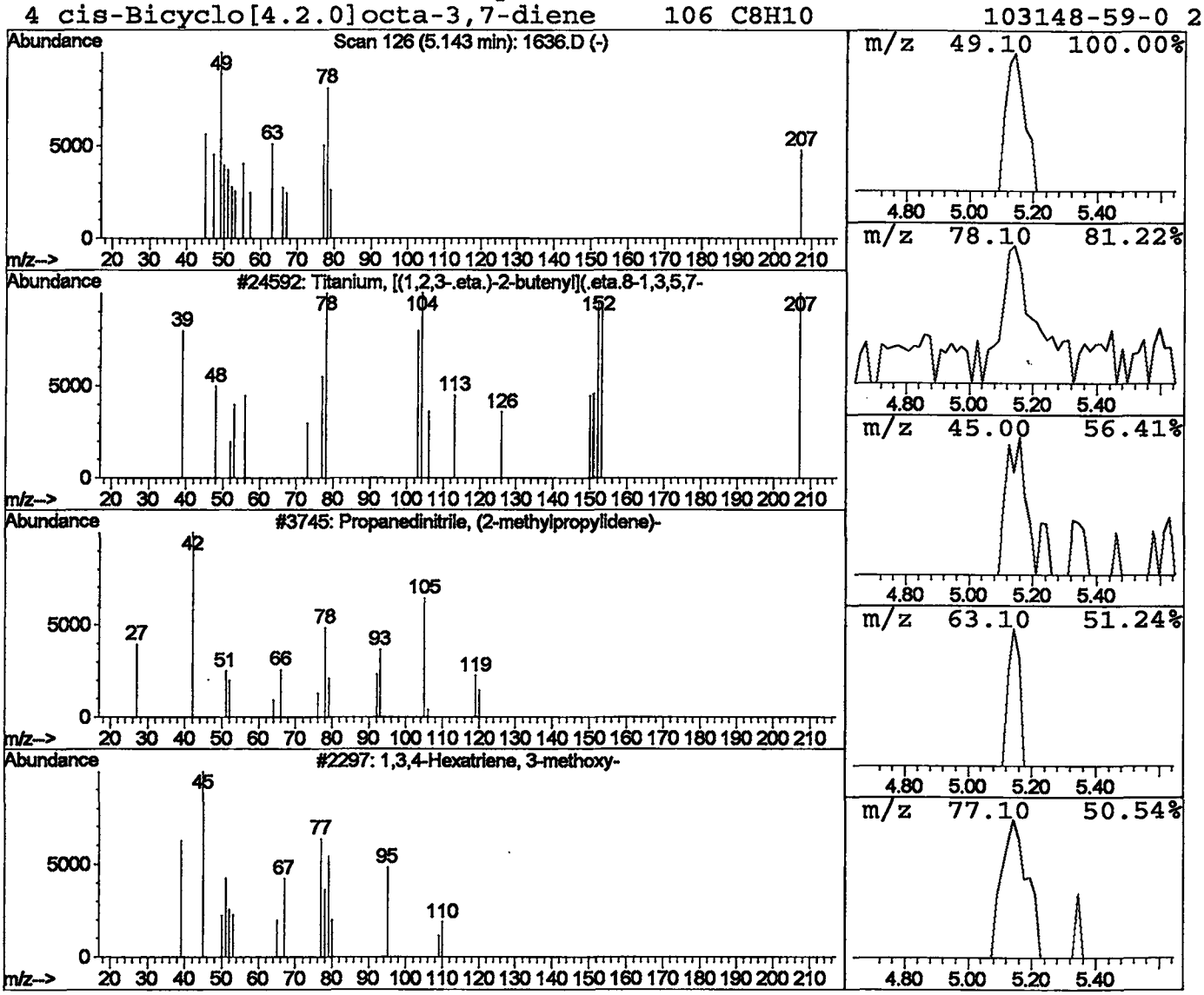
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Titanium, [(1,2,3-.eta.)-2-but Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	0.41 ug/L	38213	1,4-DIFLUOROBENZENE	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Titanium, [(1,2,3-.eta.)-2-butenyl]	207	C12H15Ti	039015-02-6	74
2	Propanedinitrile, (2-methylpropylid	120	C7H8N2	013134-03-7	64
3	1,3,4-Hexatriene, 3-methoxy-	110	C7H10O	053783-88-3	50
4	cis-Bicyclo[4.2.0]octa-3,7-diene	106	C8H10	103148-59-0	28



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\1637.D Vial: 18
Acq On : 31 Jan 2002 10:08 pm Operator: 206-bh
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 19 16:46 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

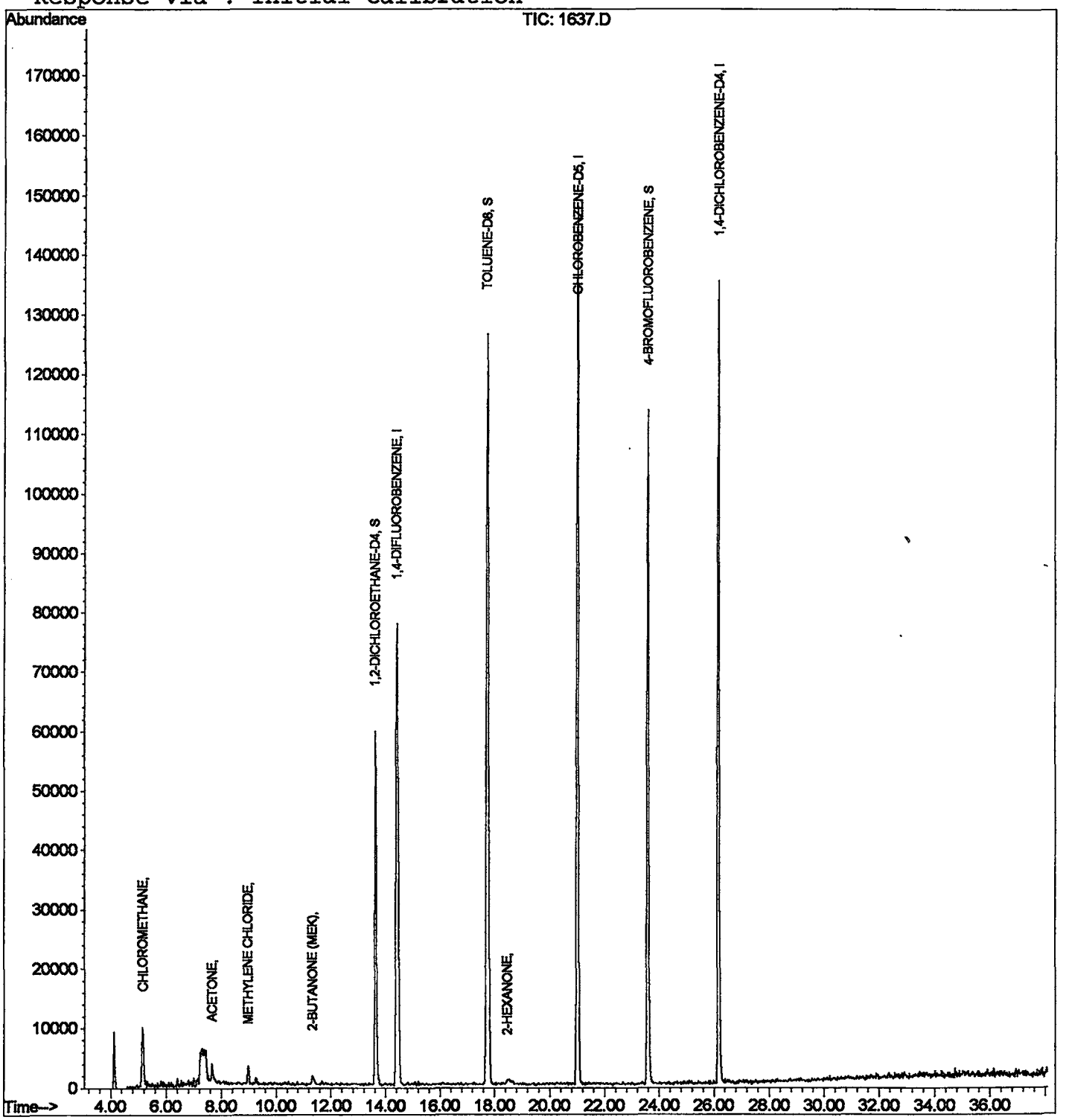
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	148664	5.00	ug/L	-0.04
21) CHLOROBENZENE-D5	21.01	117	152734	5.00	ug/L	-0.02
49) 1,4-DICHLOROBENZENE-D4	26.17	152	69092	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	97970	7.15	ug/L	-0.02
Spiked Amount 5.000			Recovery = 143.00%			
22) TOLUENE-D8	17.73	98	213466	5.48	ug/L	-0.02
Spiked Amount 5.000			Recovery = 109.60%			
52) 4-BROMOFLUOROBENZENE	23.58	174	46284	5.92	ug/L	-0.02
Spiked Amount 5.000			Recovery = 118.40%			
Target Compounds						Qvalue
4) CHLOROMETHANE	5.16	50	2932	0.16	ug/L	85
9) ACETONE	7.67	43	11268	4.74	ug/L	87
11) METHYLENE CHLORIDE	8.99	49	4740	0.29	ug/L #	76
15) 2-BUTANONE (MEK)	11.34	43	7891	2.50	ug/L	61
43) 2-HEXANONE	18.48	43	3430	0.73	ug/L	36

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN31\1637.D Vial: 18
Acq On : 31 Jan 2002 10:08 pm Operator: 206-bh
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 19 16:46 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\MDLVOA.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 14:31:37 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN31\1637.D
Acq On : 31 Jan 2002 10:08 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

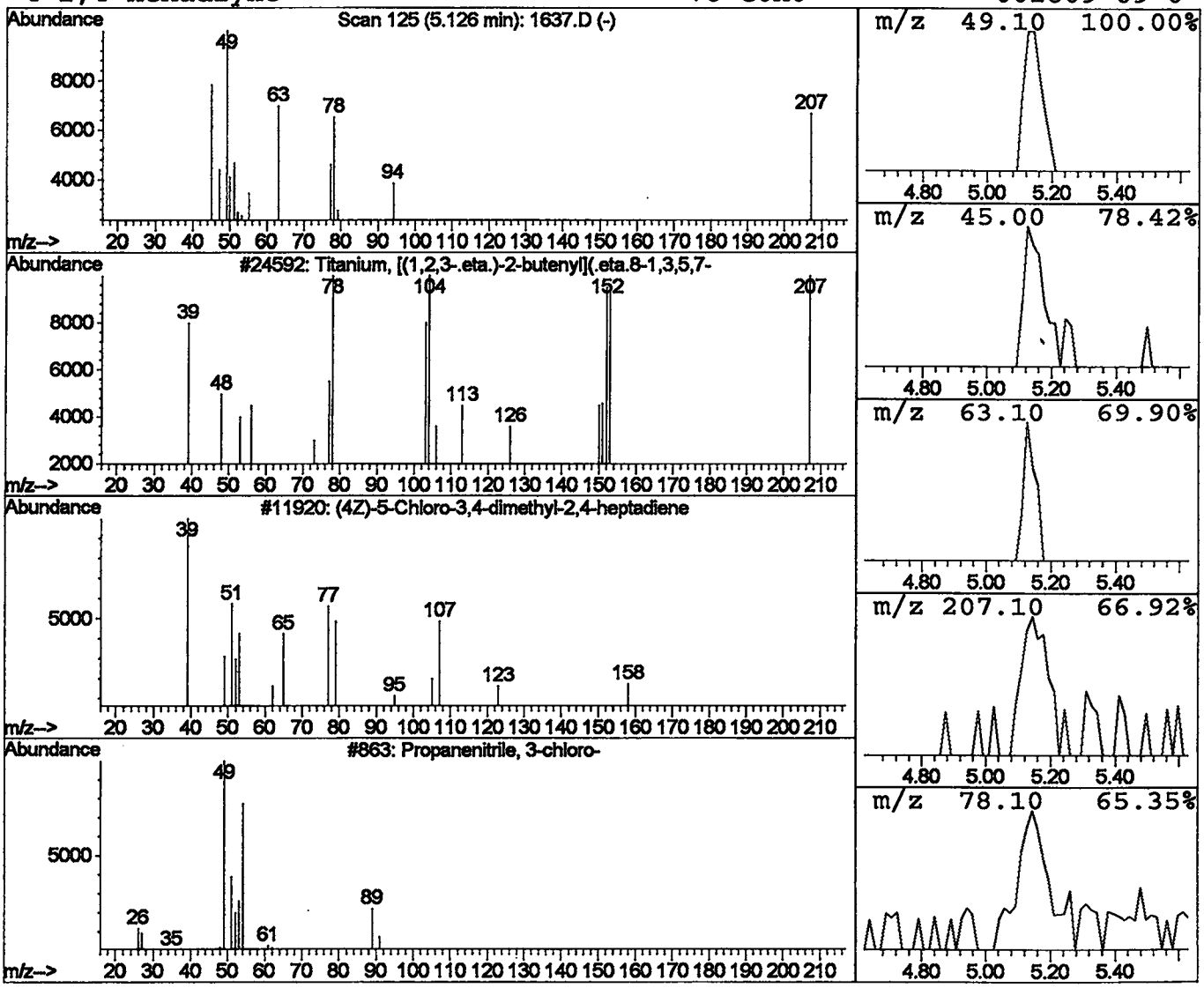
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Titanium, [(1,2,3-.eta.)-2-but Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	0.48 ug/L	43335	1,4-DIFLUOROBENZENE	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Titanium, [(1,2,3-.eta.)-2-butenyl]	207	C12H15Ti	039015-02-6	83
2	(4Z)-5-Chloro-3,4-dimethyl-2,4-hept	158	C9H15Cl	000000-00-0	83
3	Propanenitrile, 3-chloro-	89	C3H4ClN	000542-76-7	74
4	2,4-Hexadiyne	78	C6H6	002809-69-0	74



Comments for Sample AE01638 - Analysis VOCCOMNT

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-20-2002 Time: 12:42:47

The VOC results for this sample could not be reported because of QC failures.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN31\1638.D Vial: 19
Acq On : 31 Jan 2002 10:51 pm Operator: 206-bh
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 20 12:47 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Jan 31 14:25:29 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	138571	5.00	ug/L	-0.03
21) CHLOROBENZENE-D5	21.01	117	143227	5.00	ug/L	-0.02
49) 1,4-DICHLOROBENZENE-D4	26.17	152	64366	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.63	65	94201	7.37	ug/L	-0.02
Spiked Amount 5.000			Recovery = 147.40%			
22) TOLUENE-D8	17.73	98	193494	5.29	ug/L	-0.02
Spiked Amount 5.000			Recovery = 105.80%			
52) 4-BROMOFLUOROBENZENE	23.58	174	42638	5.86	ug/L	-0.02
Spiked Amount 5.000			Recovery = 117.20%			
Target Compounds						Qvalue
9) ACETONE	7.65	43	32619	14.71	ug/L	94
11) METHYLENE CHLORIDE	8.97	49	3976	0.26	ug/L	88
15) 2-BUTANONE (MEK)	11.34	43	7322	2.49	ug/L	61
43) 2-HEXANONE	18.48	43	3597	0.81	ug/L	36

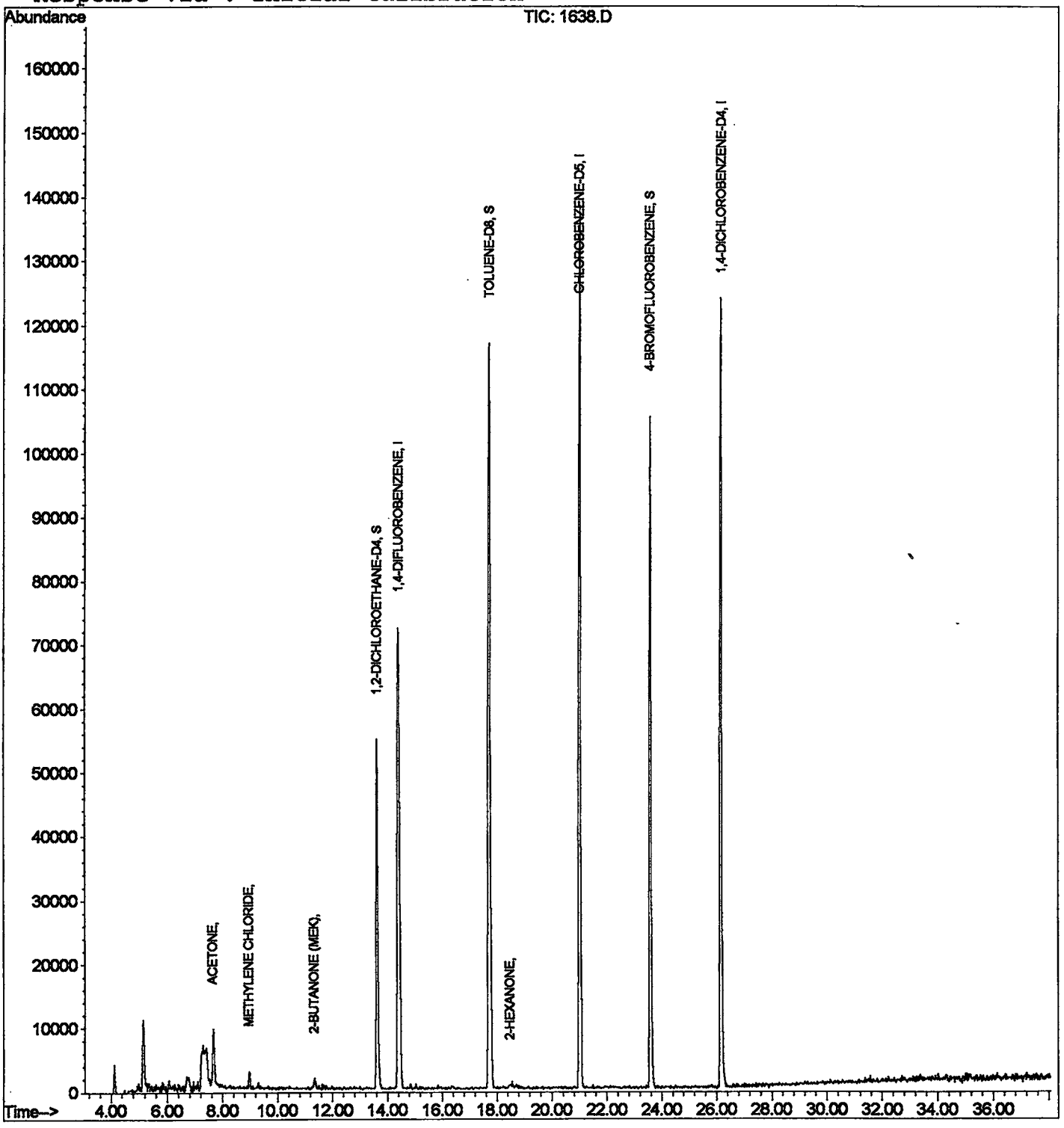
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN31\1638.D
Acq On : 31 Jan 2002 10:51 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 20 12:47 2002

Vial: 19
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\MDLVOA.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 14:31:37 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN31\1638.D
Acq On : 31 Jan 2002 10:51 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Benzenesulfonic acid, hydrazid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	0.56 ug/L	47299	1,4-DIFLUOROBENZENE	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonic acid, hydrazide	172	C6H8N2O2S	000080-17-1	83
2	2,4-Hexadiyne	78	C6H6	002809-69-0	74
3	1,5-Hexadiyne	78	C6H6	000628-16-0	74
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64