User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:03:55

Sample: AE11278
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/10/02 00:00 Ended: 5/10/02 00:00 Analyst: BH
Result source: a:\0510b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.9
2	Surr - 4-BROMOFLUOROBENZ		4.4
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.071
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.072
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.2
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

Reviewed by 9/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:03:55

Sample: AE11278
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/10/02 00:00 Ended: 5/10/02 00:00 Analyst: BH
Result source: a:\0510b1.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\02may10\0510B1.D Vial: 1
Acq On : 10 May 2002 10:08 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 10:46 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

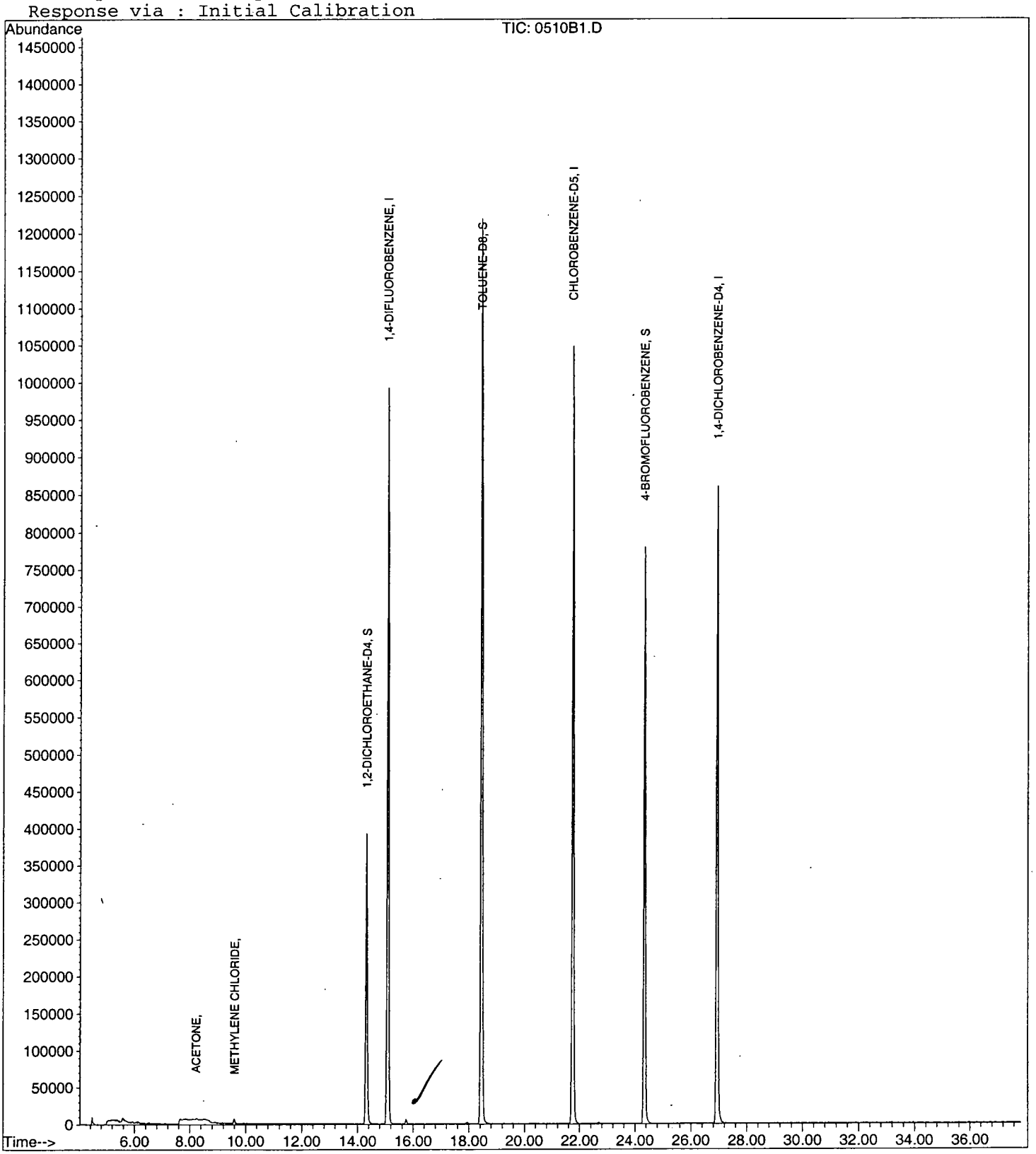
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1356408	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1178087	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	538641	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	605505	4.88	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.60%			
3) 4-BROMOFLUOROBENZENE	24.33	174	445901	4.45	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.00%			
25) TOLUENE-D8	18.44	98	1575626	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	823	0.07	ug/L	54
14) METHYLENE CHLORIDE	9.60	49	7667	0.07	ug/L	89

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\0510B1.D Vial: 1
Acq On : 10 May 2002 10:08 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 10:46 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\0510B1.D Vial: 1
Acq On : 10 May 2002 10:08 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

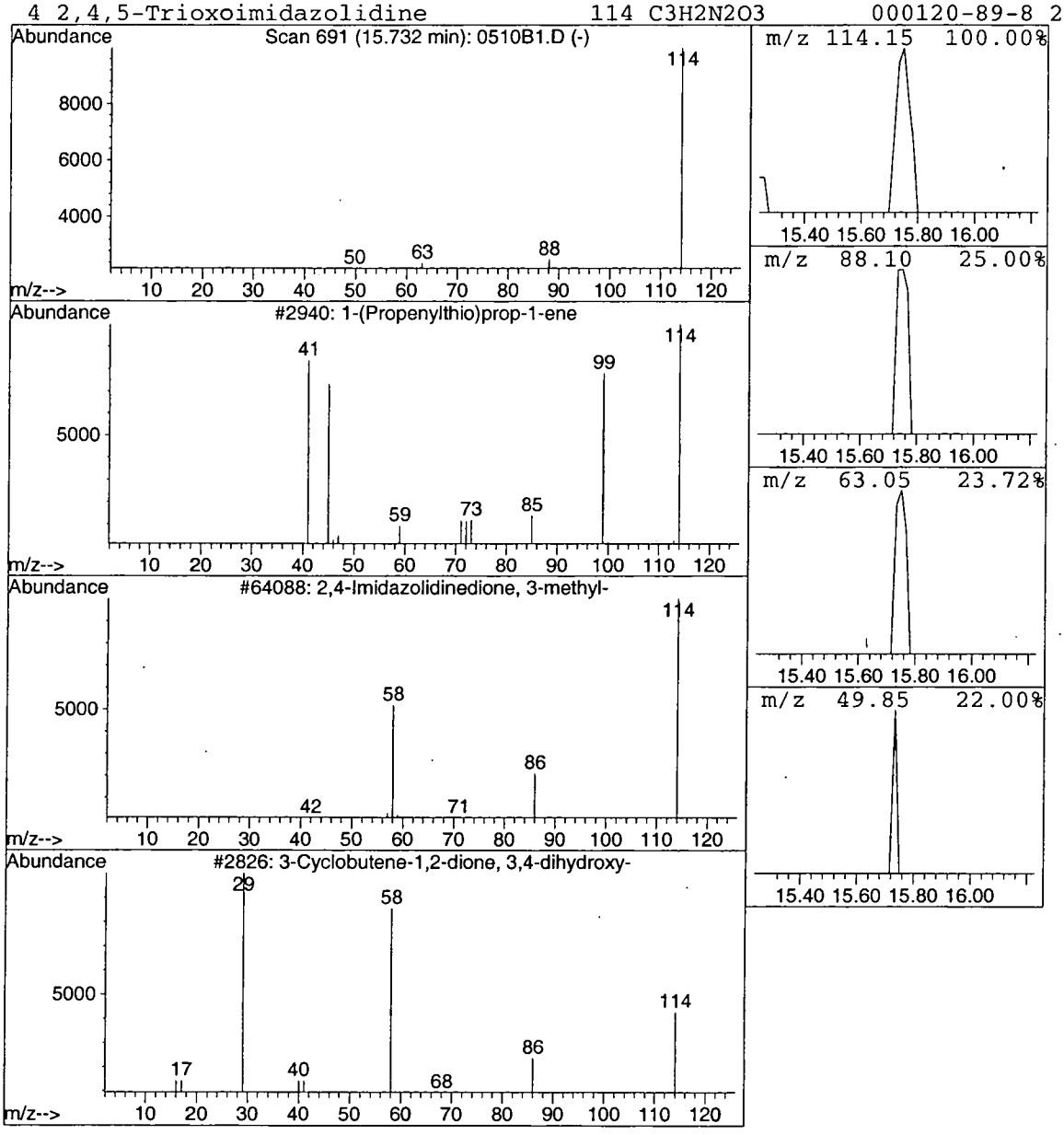
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	20284	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:04:21

Sample: AE11278
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/10/02 00:01 Ended: 5/10/02 00:01 Analyst: BH
Result source: a:\0510c10.rr
Page: 1

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	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.8		.5
3	Dichlorodifluoromethane		9.4		.5
4	Chloromethane		7.9		.5
5	Vinyl chloride		11		.5
6	Bromomethane		11		.5
7	Chloroethane		9.7		.5
8	Trichlorofluoromethane		10		.5
9	1,1-Dichloroethene		8.5		.5
10	Methylene Chloride		7.3		.5
11	Methyl tert-butyl ether		7.0		1.0
12	trans-1,2-dichloroethene		8.1		.5
13	1,1-dichloroethane		7.9		.5
14	2-butanone (MEK)		26		2.0
15	2,2-dichloropropane		8.6		.5
16	cis-1,2-dichloroethene		9.0		.5
17	Chloroform		9.1		.5
18	Bromochloromethane		7.5		.5
19	1,2-dichloroethane		8.6		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		9.8		.5
22	1,1-dichloropropene		9.8		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.0		.5
25	Trichloroethene		9.6		.5
26	1,2-dichloropropane		8.1		.5
27	Dibromomethane		9.4		.5
28	Bromodichloromethane		9.5		.5
29	Methyl iso-butyl ketone		32		1.0
30	cis-1,3-dichloropropene		9.1		.5
31	Toluene		9.2		.5
32	trans-1,3-dichloropropene		9.0		.5
33	1,1,2-trichloroethane		9.0		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		8.8		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.6		.5
38	1,1,1,2-tetrachloroethane		9.9		.5
39	Ethylbenzene		9.8		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.8		.5
43	1,1,2,2-tetrachloroethane		8.6		.5
44	Bromoform		10		2.0
45	Isopropylbenzene		9.9		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		9.3		.5
48	Bromobenzene		9.8		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:04:21

Sample: AE11278
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/10/02 00:01 Ended: 5/10/02 00:01 Analyst: BH
Result source: a:\0510c10.rr
Page: 2

	Component Name	Viol.	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.7		.5
50	2-chlorotoluene		9.7		.5
51	4-chlorotoluene		8.6		.5
52	TERT-butylbenzene		9.6		.5
53	1,2,4-trimethylbenzene		9.6		.5
54	SEC-butylbenzene		9.5		.5
55	P-isopropyltoluene		9.7		.5
56	1,3-dichlorobenzene		9.5		.5
57	1,4-dichlorobenzene		9.3		.5
58	N-butylbenzene		9.4		.5
59	1,2-dichlorobenzene		9.5		.5
60	1,2,4-trichlorobenzene		9.3		.5
61	Hexachlobutadiene		9.3		.5
62	Naphthalene		8.3		.5
63	1,2,3-trichlorobenzene		9.1		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\0510C10.D Vial: 2
Acq On : 10 May 2002 11:31 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 12:09 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1468345	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1315944	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	642423	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	658727	4.90	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.00%		
3) 4-BROMOFLUOROBENZENE	24.35	174	522199	4.81	ug/L	0.02
Spiked Amount 5.000			Recovery =	96.20%		
25) TOLUENE-D8	18.46	98	1732500	5.09	ug/L	0.02
Spiked Amount 5.000			Recovery =	101.80%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	543454	9.44	ug/L	96
5) CHLOROMETHANE	5.44	50	587770	7.95	ug/L	93
6) VINYL CHLORIDE	5.59	62	480264	11.32	ug/L	98
7) BROMOMETHANE	6.56	94	425067	11.04	ug/L	99
8) CHLOROETHANE	6.71	64	407528	9.73	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.27	101	749999	10.34	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.16	101	448421	9.28	ug/L	94
12) ACETONE	8.24	43	293467	23.49	ug/L	98
13) 1,1-DICHLOROETHENE	8.58	61	1031409	8.48	ug/L	99
14) METHYLENE CHLORIDE	9.59	49	837809	7.29	ug/L	95
15) METHYL TERT BUTYL ETHER	9.89	73	560533	7.04	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.25	61	1018445	8.11	ug/L	96
17) 1,1-DICHLOROETHANE	11.15	63	1107195	7.95	ug/L	96
18) 2-BUTANONE (MEK)	11.99	43	318429	26.21	ug/L	90
19) 2,2-DICHLOROPROPANE	12.36	77	867484	8.61	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.46	96	625845	8.99	ug/L	92
21) CHLOROFORM	12.80	83	1203419	9.11	ug/L	98
22) BROMOCHLOROMETHANE	13.18	49	455475	7.47	ug/L	80
23) 1,2-DICHLOROETHANE	14.52	62	873298	8.59	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.69	97	949979	9.84	ug/L	99
27) 1,1-DICHLOROPROPENE	14.01	75	980964	9.79	ug/L	98
28) CARBON TETRACHLORIDE	14.28	117	843509	10.37	ug/L	97
29) BENZENE	14.62	78	2084230	9.03	ug/L	98
30) TRICHLOROETHENE	15.88	95	709307	9.57	ug/L	98
31) 1,2-DICHLOROPROPANE	16.26	63	534371	8.09	ug/L	99
32) DIBROMOMETHANE	16.92	174	267485	9.42	ug/L	97
33) BROMODICHLOROMETHANE	16.77	83	808459	9.53	ug/L	96
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	152532	8.04	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.33	58	274884	32.35	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.86	75	781258	9.10	ug/L	99
37) TOLUENE	18.63	91	2137912	9.16	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	559297	9.01	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.29	97	326740	8.99	ug/L	98
40) TETRACHLOROETHENE	20.07	166	641996	9.97	ug/L	98
41) 1,3-DICHLOROPROPANE	19.82	76	643099	8.79	ug/L	98
42) DIBROMOCHLOROMETHANE	20.52	129	422356	10.07	ug/L	100
43) 1,2-DIBROMOETHANE	20.96	107	334295	9.05	ug/L	96
44) CHLOROBENZENE	21.84	112	1352933	9.62	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	508727	9.95	ug/L	97
46) 2-HEXANONE	19.17	43	488250	30.12	ug/L	97
47) ETHYLBENZENE	21.88	91	2594581	9.78	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\0510C10.D Vial: 2
Acq On : 10 May 2002 11:31 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 12:09 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

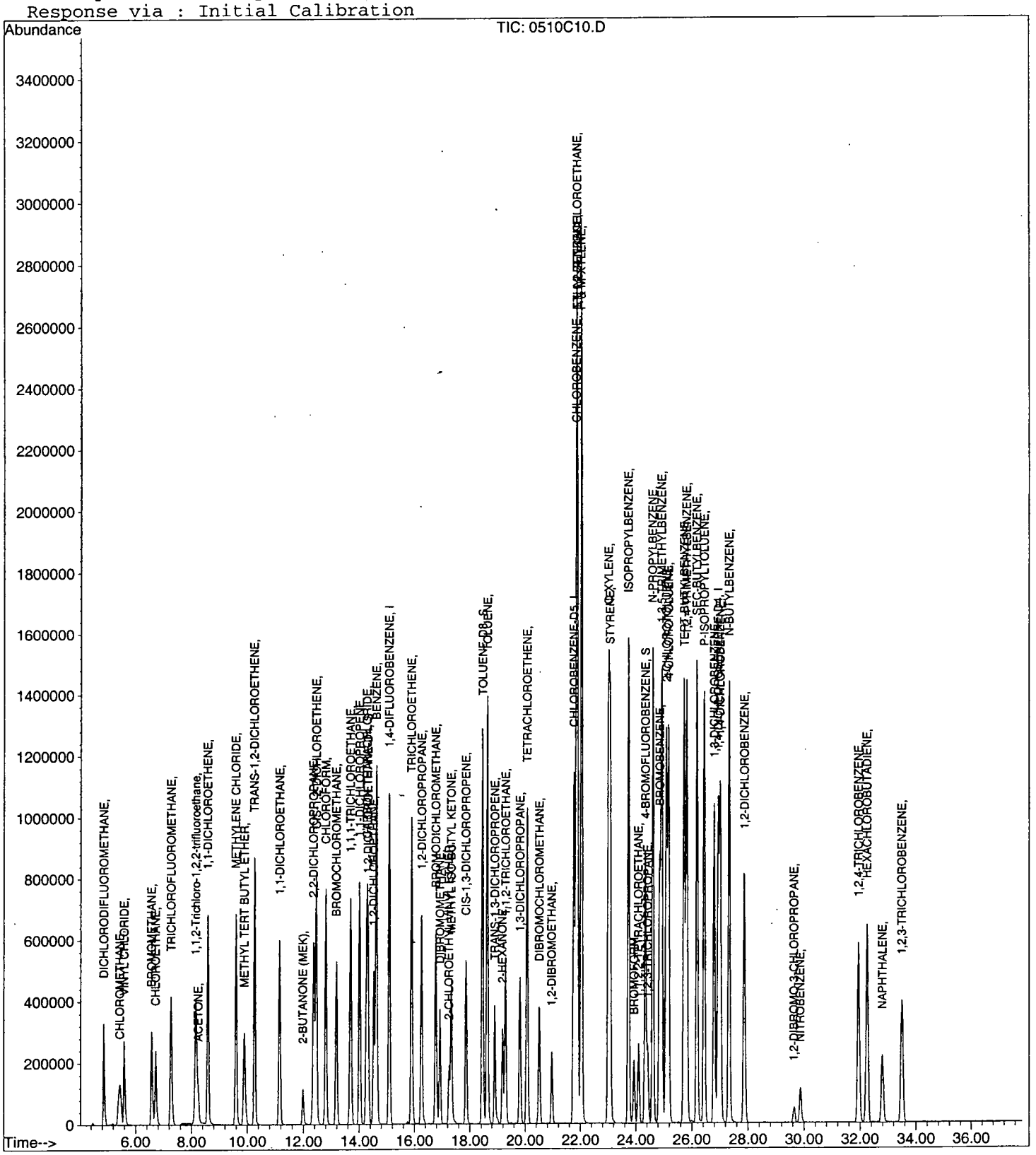
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.03	106	1689164	19.54 ug/L	99
49)	O-XYLENE	23.02	91	2028506	9.97 ug/L	99
50)	STYRENE	23.07	104	1330006	9.76 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	294485	8.58 ug/L	98
53)	BROMOFORM	23.94	173	203690	9.98 ug/L	96
54)	ISOPROPYLBENZENE	23.73	105	2268699	9.94 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	106692	10.09 ug/L	95
56)	N-PROPYLBENZENE	24.60	91	2856120	9.27 ug/L	100
57)	BROMOBENZENE	24.86	156	547436	9.76 ug/L	90
58)	1,3,5-TRIMETHYLBENZENE	24.92	105	2000718	9.67 ug/L	98
59)	2-CHLOROTOLUENE	25.09	91	2018056	9.71 ug/L	97
60)	4-CHLOROTOLUENE	25.16	91	1645953	8.57 ug/L	99
61)	TERT-BUTYLBENZENE	25.72	119	1735964	9.62 ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	2044617	9.61 ug/L	98
63)	SEC-BUTYLBENZENE	26.17	105	2393761	9.53 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	1868912	9.73 ug/L	99
65)	1,3-DICHLOROBENZENE	26.80	146	996757	9.51 ug/L	99
66)	1,4-DICHLOROBENZENE	27.00	146	998624	9.26 ug/L	98
67)	N-BUTYLBENZENE	27.33	91	1984263	9.45 ug/L	99
68)	1,2-DICHLOROBENZENE	27.87	146	835492	9.46 ug/L	96
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	43026	8.98 ug/L	93
70)	1,2,4-TRICHLOROBENZENE	31.94	180	528320	9.28 ug/L	97
71)	HEXACHLOROBUTADIENE	32.25	225	379315	9.32 ug/L	96
72)	NAPHTHALENE	32.79	128	525797	8.26 ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.49	180	406854	9.08 ug/L	99
74)	NITROBENZENE	29.86	77	172154	157.13 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\0510C10.D Vial: 2
Acq On : 10 May 2002 11:31 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 12:09 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\0510B2.D Vial: 3
Acq On : 10 May 2002 12:41 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 13:19 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.09
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.74
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.93
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	0.00	65	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
3) 4-BROMOFLUOROBENZENE	0.00	174	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
25) TOLUENE-D8	0.00	98	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		

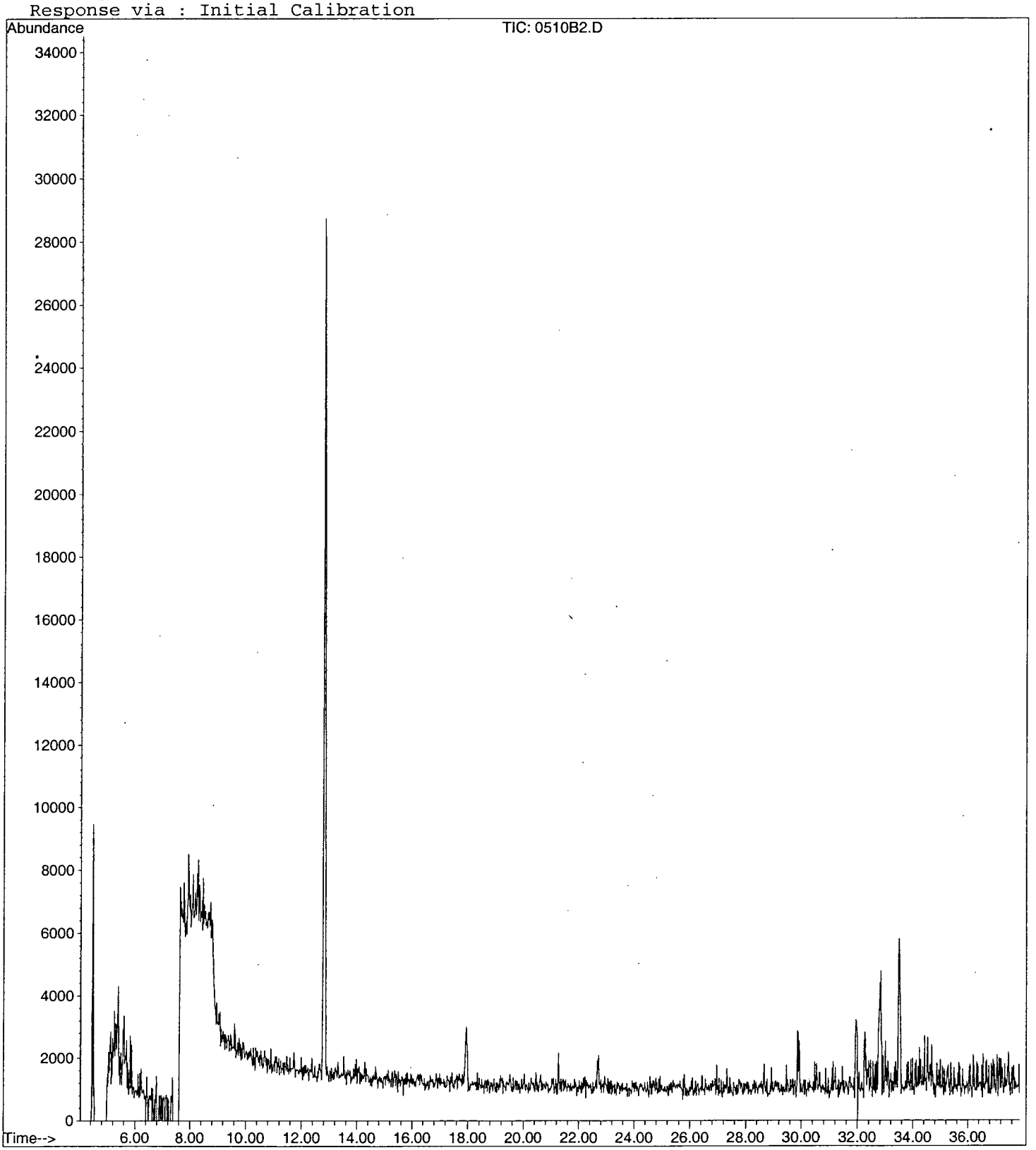
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\0510B2.D Vial: 3
Acq On : 10 May 2002 12:41 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 13:19 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:04:39

Sample: AE11278
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/10/02 00:02 Ended: 5/10/02 00:02 Analyst: BH
Result source: a:\0510r5.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.8		
2	4-BROMOFLUOROBENZENE		4.6		
3	DICHLORODIFLUOROMETHAN		5.0		.5
4	CHLOROMETHANE		4.6		.5
5	VINYL CHLORIDE		6.0		.5
6	BROMOMETHANE		6.1		.5
7	CHLOROETHANE		5.6		.5
8	TRICHLOROFLUOROMETHANE		5.8		.5
9	ACETONE		18		.5
10	1,1-DICHLOROETHENE		4.3		.5
11	METHYLENE CHLORIDE		3.7		.5
12	METHYL TERT BUTYL ETHER		3.5		1
13	TRANS-1,2-DICHLOROETHEN		3.8		.5
14	1,1-DICHLOROETHANE		3.9		.5
15	2-BUTANONE (MEK)		14		.5
16	2,2-DICHLOROPROPANE		4.1		.5
17	CIS-1,2-DICHLOROETHENE		4.5		.5
18	CHLOROFORM		4.5		.5
19	BROMOCHLOROMETHANE		3.7		.5
20	1,2-DICHLOROETHANE		4.0		.5
21	TOLUENE-D8		5.2		
22	1,1,1-TRICHLOROETHANE		4.7		.5
23	1,1-DICHLOROPROPENE		4.3		.5
24	CARBON TETRACHLORIDE		5.0		.5
25	BENZENE		4.6		.5
26	TRICHLOROETHENE		4.5		.5
27	1,2-DICHLOROPROPANE		3.9		.5
28	DIBROMOMETHANE		4.6		.5
29	BROMODICHLOROMETHANE		4.7		.5
30	2-CHLOROETHYL VINYL ETHE		16		.5
31	METHYL ISO-BUTYL KETONE		17		1
32	CIS-1,3-DICHLOROPROPENE		4.0		.5
33	TOLUENE		4.9		.5
34	TRANS-1,3-DICHLOROPROPE		4.4		.5
35	1,1,2-TRICHLOROETHANE		4.6		.5
36	TETRACHLOROETHENE		5.0		.5
37	1,3-DICHLOROPROPANE		4.1		.5
38	DIBROMOCHLOROMETHANE		4.9		2
39	1,2-DIBROMOETHANE		4.1		.5
40	CHLOROBENZENE		5.1		.5
41	1,1,1,2-TETRACHLOROETHA		4.8		.5
42	2-HEXANONE		16		.5
43	ETHYLBENZENE		5.0		.5
44	P & M-XYLENE		10		.5
45	O-XYLENE		5.0		.5
46	STYRENE		4.7		.5
47	1,1,2,2-TETRACHLOROETHA		4.0		.5
48	BROMOFORM		4.5		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:04:39

Sample: AE11278
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/10/02 00:02 Ended: 5/10/02 00:02 Analyst: BH
Result source: a:\0510r5.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.9		.5
50	1,2,3-TRICHLOROPROPANE		4.8		.5
51	N-PROPYLBENZENE		4.6		.5
52	BROMOBENZENE		4.9		.5
53	1,3,5-TRIMETHYLBENZENE		4.9		.5
54	2-CHLOROTOLUENE		5.2		.5
55	4-CHLOROTOLUENE		4.2		.5
56	TERT-BUTYLBENZENE		4.9		.5
57	1,2,4-TRIMETHYLBENZENE		4.9		.5
58	SEC-BUTYLBENZENE		4.8		.5
59	P-ISOPROPYLTOLUENE		5.1		.5
60	1,3-DICHLOROBENZENE		4.9		.5
61	1,4-DICHLOROBENZENE		4.8		.5
62	N-BUTYLBENZENE		4.8		.5
63	1,2-DICHLOROBENZENE		4.7		.5
64	1,2-DIBROMO-3-CHLOROPRO		3.7		.5
65	1,2,4-TRICHLOROBENZENE		4.5		.5
66	HEXACHLOROBUTADIENE		4.7		.5
67	NAPHTHALENE		3.9		.5
68	1,2,3-TRICHLOROBENZENE		4.5		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		95		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:04:52

Sample: AE11278
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/15/02 11:04 Ended: 5/15/02 11:04 Analyst: BH
Result source: calculation
Page: 1

70-130

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8 ✓		.5
2	Surr - 4-BROMOFLUOROBENZ		4.6 ✓		.5
3	Dichlorodifluoromethane		100		.5
4	Chloromethane		92		.5
5	Vinyl chloride		120		.5
6	Bromomethane		122		.5
7	Chloroethane		112		.5
8	Trichlorofluoromethane		116		.5
9	1,1-Dichloroethene		86		.5
10	Methylene Chloride		74		.5
11	Methyl tert butyl ether		70		1.0
12	trans-1,2-dichloroethene		76		.5
13	1,1-dichloroethane		78		.5
14	2-butanone (MEK)		70		2.0
15	2,2-dichloropropane		82		.5
16	cis-1,2-dichloroethene		90		.5
17	Chloroform		90		.5
18	Bromochloromethane		74		.5
19	1,2-dichloroethane		80		.5
20	Surr - TOLUENE-D8		5.2 ✓		.5
21	1,1,1-trichloroethane		94		.5
22	1,1-dichloropropene		86		.5
23	Carbon tetrachloride		100		.5
24	Benzene		92		.5
25	Trichloroethene		90		.5
26	1,2-dichloropropane		78		.5
27	Dibromomethane		92		.5
28	Bromodichloromethane		94		.5
29	Methyl iso-butyl ketone		85		1.0
30	cis-1,3-dichloropropene		80		.5
31	Toluene		98		.5
32	trans-1,3-dichloropropene		88		.5
33	1,1,2-trichloroethane		92		.5
34	Tetrachloroethene		100		.5
35	1,3-dichloropropane		82		.5
36	Dibromochloromethane		98		2.0
37	Chlorobenzene		102		.5
38	1,1,1,2-tetrachloroethane		96		.5
39	Ethylbenzene		100		.5
40	P & M-xylene		100		.5
41	O-xylene		100		.5
42	Styrene		94		.5
43	1,1,2,2-tetrachloroethane		80		.5
44	Bromoform		90		2.0
45	Isopropylbenzene		98		.5
46	1,2,3-trichloropropane		96		.5
47	N-propylbenzene		92		.5
48	Bromobenzene		98		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:04:52

Sample: AE11278
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/15/02 11:04 Ended: 5/15/02 11:04 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		98		.5
50	2-chlorotoluene		104		.5
51	4-chlorotoluene		84		.5
52	TERT-butylbenzene		98		.5
53	1,2,4-trimethylbenzene		98		.5
54	SEC-butylbenzene		96		.5
55	P-isopropyltoluene		102		.5
56	1,3-dichlorobenzene		98		.5
57	1,4-dichlorobenzene		96		.5
58	N-butylbenzene		96		.5
59	1,2-dichlorobenzene		94		.5
60	1,2,4-trichlorobenzene		90		.5
61	Hexachlorobutadiene		94		.5
62	Naphthalene		78		.5
63	1,2,3-trichlorobenzene		90		.5
64	Ethanol				
65	Nitrobenzene		95		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\0510R5.D Vial: 4
Acq On : 10 May 2002 2:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 15:35 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1412222	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1244266	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	601802	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	618290	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.60%		
3) 4-BROMOFLUOROBENZENE	24.35	174	481217	4.61	ug/L	0.02
Spiked Amount 5.000			Recovery =	92.20%		
25) TOLUENE-D8	18.44	98	1681831	5.23	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	274818	4.96	ug/L	97
5) CHLOROMETHANE	5.44	50	324838	4.57	ug/L	96
6) VINYL CHLORIDE	5.59	62	280086	5.99	ug/L	97
7) BROMOMETHANE	6.58	94	225362	6.09	ug/L	100
8) CHLOROETHANE	6.71	64	226602	5.63	ug/L	94
9) TRICHLOROFLUOROMETHANE	7.27	101	402868	5.78	ug/L	96
12) ACETONE	8.24	43	211797	17.63	ug/L	92
13) 1,1-DICHLOROETHENE	8.58	61	497749	4.25	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	407317	3.68	ug/L	95
15) METHYL TERT BUTYL ETHER	9.89	73	268861	3.51	ug/L	93
16) TRANS-1,2-DICHLOROETHENE	10.27	61	462339	3.83	ug/L	91
17) 1,1-DICHLOROETHANE	11.15	63	520501	3.89	ug/L	95
18) 2-BUTANONE (MEK)	11.99	43	167594	14.34	ug/L	91
19) 2,2-DICHLOROPROPANE	12.36	77	395740	4.08	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.46	96	302925	4.53	ug/L	93
21) CHLOROFORM	12.80	83	565493	4.45	ug/L	98
22) BROMOCHLOROMETHANE	13.18	49	217920	3.72	ug/L	80
23) 1,2-DICHLOROETHANE	14.52	62	393616	4.02	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.69	97	432392	4.74	ug/L	98
27) 1,1-DICHLOROPROPENE	14.01	75	411672	4.34	ug/L	99
28) CARBON TETRACHLORIDE	14.27	117	380997	4.95	ug/L	97
29) BENZENE	14.61	78	1013595	4.64	ug/L	99
30) TRICHLOROETHENE	15.89	95	314471	4.49	ug/L	98
31) 1,2-DICHLOROPROPANE	16.24	63	244339	3.91	ug/L	97
32) DIBROMOMETHANE	16.92	174	122398	4.56	ug/L	99
33) BROMODICHLOROMETHANE	16.77	83	376107	4.69	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	305584	16.15	ug/L	95
35) METHYL ISO-BUTYL KETONE	17.33	58	133536	16.62	ug/L	99
36) CIS-1,3-DICHLOROPROPENE	17.86	75	327553	4.04	ug/L	98
37) TOLUENE	18.63	91	1075874	4.87	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	248191	4.35	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.29	97	156589	4.55	ug/L	97
40) TETRACHLOROETHENE	20.07	166	303945	4.99	ug/L	95
41) 1,3-DICHLOROPROPANE	19.82	76	280845	4.06	ug/L	97
42) DIBROMOCHLOROMETHANE	20.50	129	192485	4.86	ug/L	99
43) 1,2-DIBROMOETHANE	20.96	107	143830	4.12	ug/L	93
44) CHLOROBENZENE	21.83	112	671885	5.05	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	230144	4.76	ug/L	97
46) 2-HEXANONE	19.17	43	241968	15.79	ug/L	99
47) ETHYLBENZENE	21.88	91	1259008	5.02	ug/L	96
48) P & M-XYLENE	22.03	106	828535	10.14	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\0510R5.D Vial: 4
Acq On : 10 May 2002 2:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 15:35 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

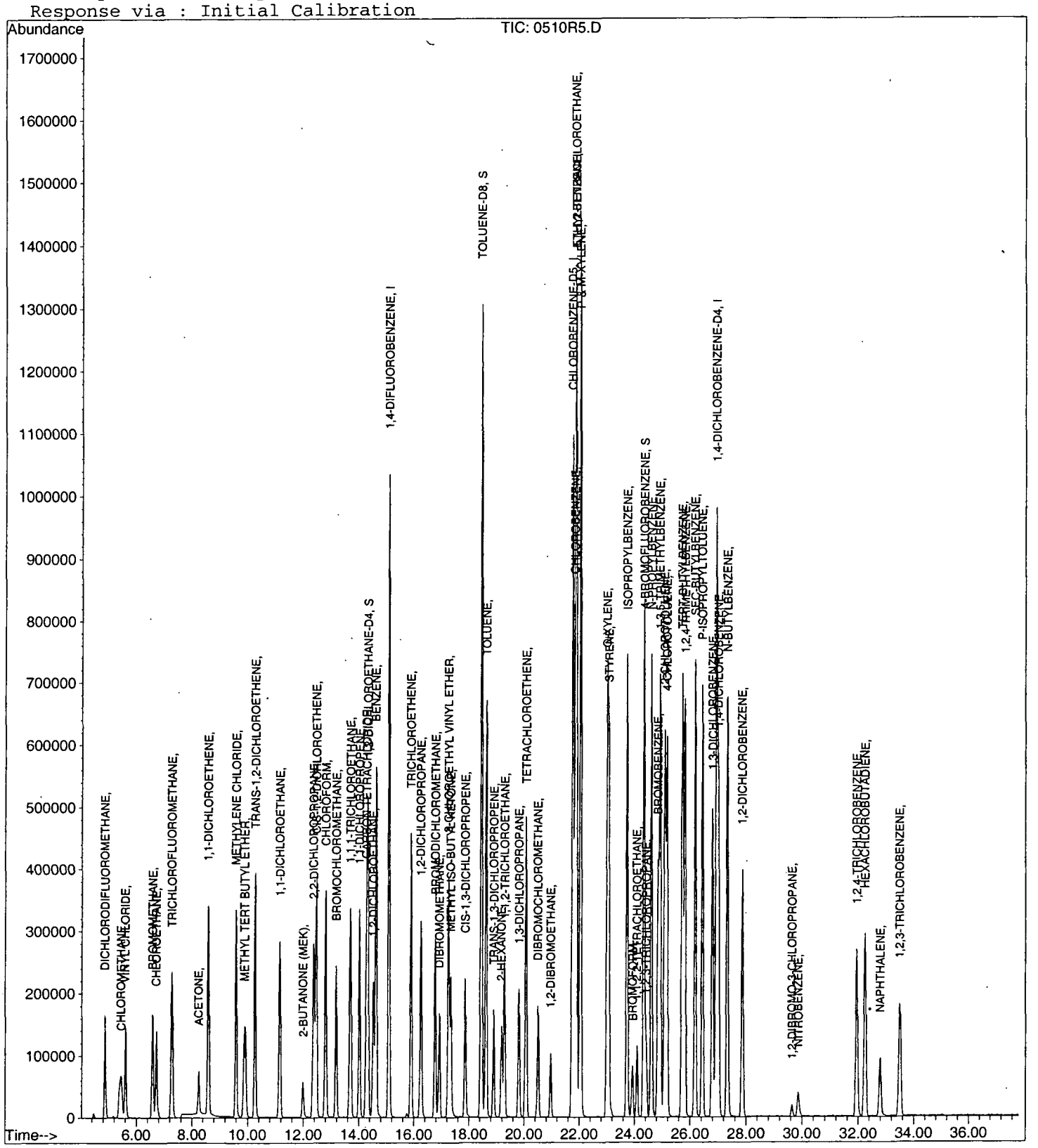
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.00	91	958079	4.98	ug/L	99
50)	STYRENE	23.07	104	603738	4.68	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	128515	3.96	ug/L	96
53)	BROMOFORM	23.94	173	85129	4.45	ug/L	98
54)	ISOPROPYLBENZENE	23.73	105	1045509	4.89	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	47880	4.83	ug/L	92
56)	N-PROPYLBENZENE	24.60	91	1320417	4.57	ug/L	100
57)	BROMOBENZENE	24.84	156	257700	4.91	ug/L	100
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	957249	4.94	ug/L	99
59)	2-CHLOROTOLUENE	25.08	91	1011094	5.19	ug/L	100
60)	4-CHLOROTOLUENE	25.16	91	763750	4.25	ug/L	96
61)	TERT-BUTYLBENZENE	25.71	119	823094	4.87	ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	972903	4.88	ug/L	99
63)	SEC-BUTYLBENZENE	26.17	105	1131979	4.81	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.42	119	925640	5.15	ug/L	97
65)	1,3-DICHLOROBENZENE	26.80	146	483058	4.92	ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	484852	4.80	ug/L	99
67)	N-BUTYLBENZENE	27.33	91	953904	4.85	ug/L	98
68)	1,2-DICHLOROBENZENE	27.85	146	390822	4.72	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	16258	3.70	ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.94	180	241125	4.52	ug/L	97
71)	HEXACHLOROBUTADIENE	32.25	225	177817	4.66	ug/L	96
72)	NAPHTHALENE	32.79	128	231626	3.88	ug/L	97
73)	1,2,3-TRICHLOROBENZENE	33.49	180	188639	4.49	ug/L	94
74)	NITROBENZENE	29.86	77	67801	95.10	ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\0510R5.D Vial: 4
Acq On : 10 May 2002 2:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 15:35 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:05:10

Sample: AE11278
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:05 Ended: 5/10/02 00:05 Analyst: BH
Result source: a:\11278.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:05:10

Sample: AE11278
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:05 Ended: 5/10/02 00:05 Analyst: BH
Result source: a:\11278.rr
Page: 2

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

Comments for Sample AE11278 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-16-2002 Time: 10:31:12

The % recovery of MTBE for the ccv associated with this sample is 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11278.D Vial: 5
Acq On : 10 May 2002 5:57 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 18:36 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1401166	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.76	117	1210063	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	536970	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	637968	4.97	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.40%		
3) 4-BROMOFLUOROBENZENE	24.35	174	443467	4.28	ug/L	0.02
Spiked Amount 5.000			Recovery =	85.60%		
25) TOLUENE-D8	18.46	98	1665576	5.33	ug/L	0.02
Spiked Amount 5.000			Recovery =	106.60%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	13989	1.17	ug/L	86
18) 2-BUTANONE (MEK)	12.00	43	2206	0.19	ug/L	60

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

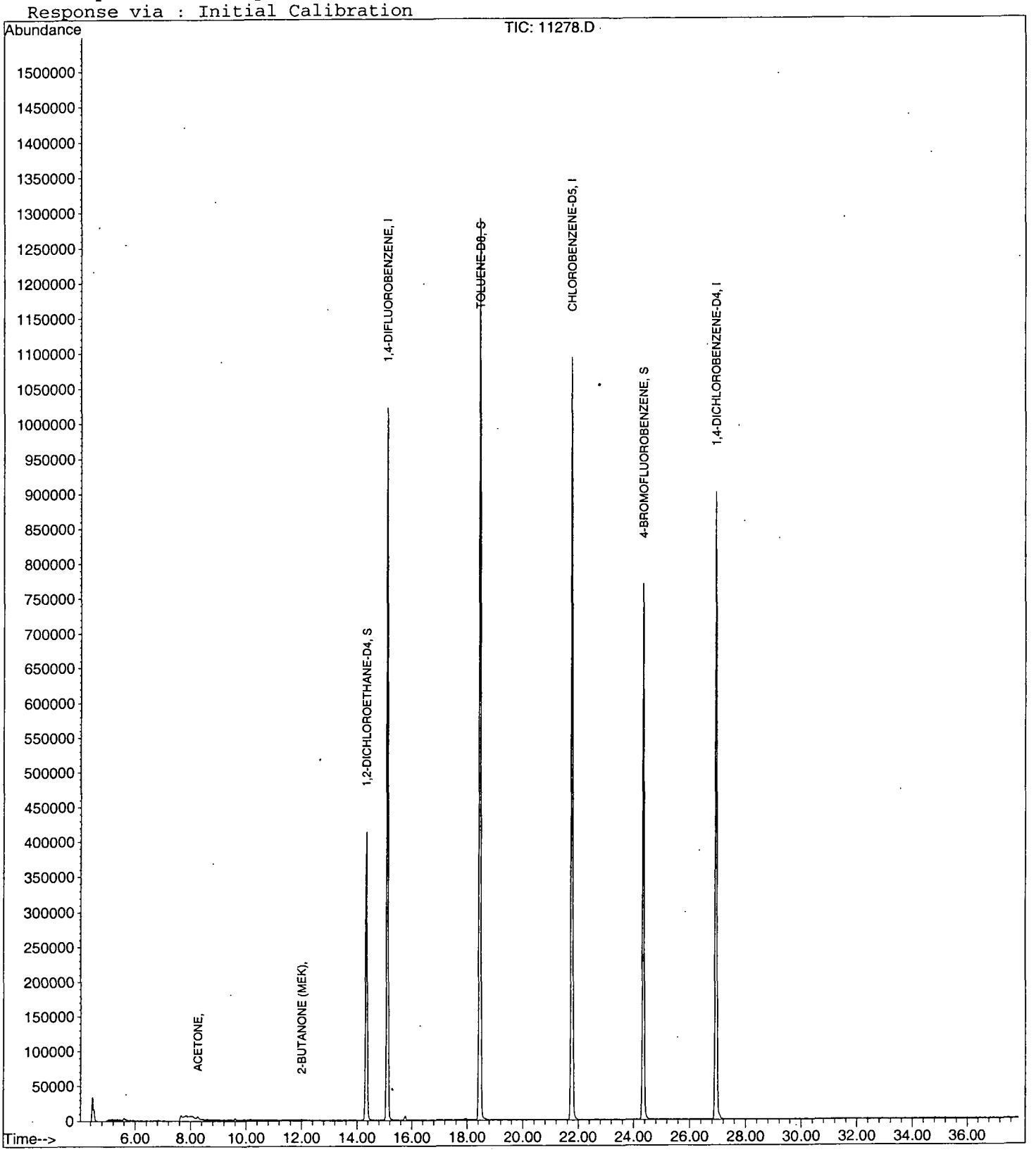
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11278.D
Acq On : 10 May 2002 5:57 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 18:36 2002

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

Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\11278.D
Acq On : 10 May 2002 5:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

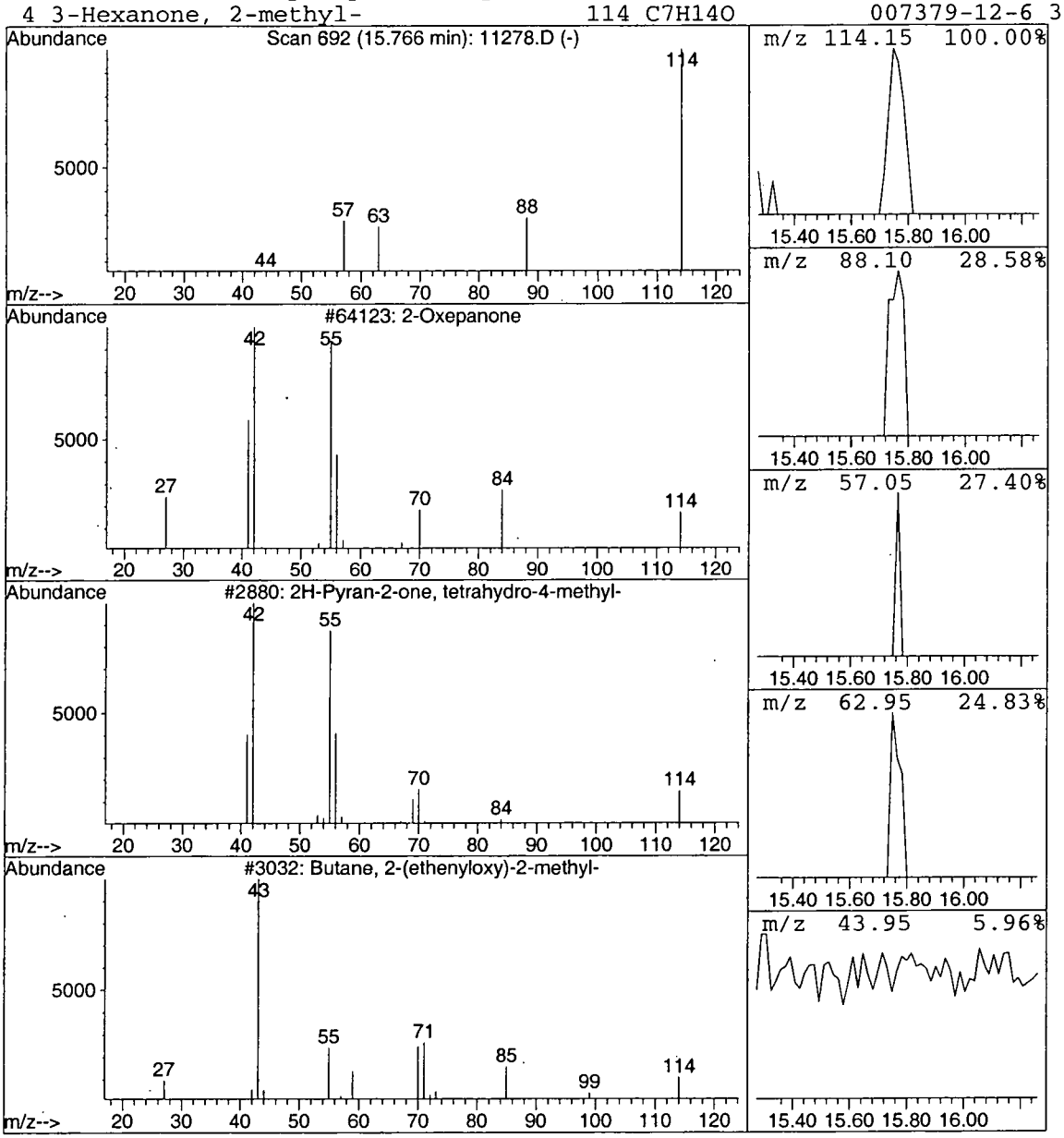
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	22067	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:05:26

Sample: AE11278
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/10/02 00:06 Ended: 5/10/02 00:06 Analyst: BH
Result source: a:\11278f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.3		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:05:26

Sample: AE11278
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/10/02 00:06 Ended: 5/10/02 00:06 Analyst: BH
Result source: a:\11278f.rr
Page: 2

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

Comments for Sample AE11278 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Huhn, William
Date: 05-15-2002 Time: 14:55:31

The %recovery of MTBE for the ccv associated with this sample is 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11278F.D Vial: 6
Acq On : 10 May 2002 6:40 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 19:19 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1391815	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.76	117	1227326	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	534355	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	630831	4.95	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.00%		
3) 4-BROMOFLUOROBENZENE	24.35	174	447330	4.35	ug/L	0.02
Spiked Amount 5.000			Recovery =	87.00%		
25) TOLUENE-D8	18.46	98	1658064	5.23	ug/L	0.02
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	14095	1.19	ug/L	89
14) METHYLENE CHLORIDE	9.60	49	14168	0.13	ug/L	91

lot unit

(#) = qualifier out of range (m) = manual integration
11278F.D HP042202.M Fri May 10 19:19:09 2002 Page 1

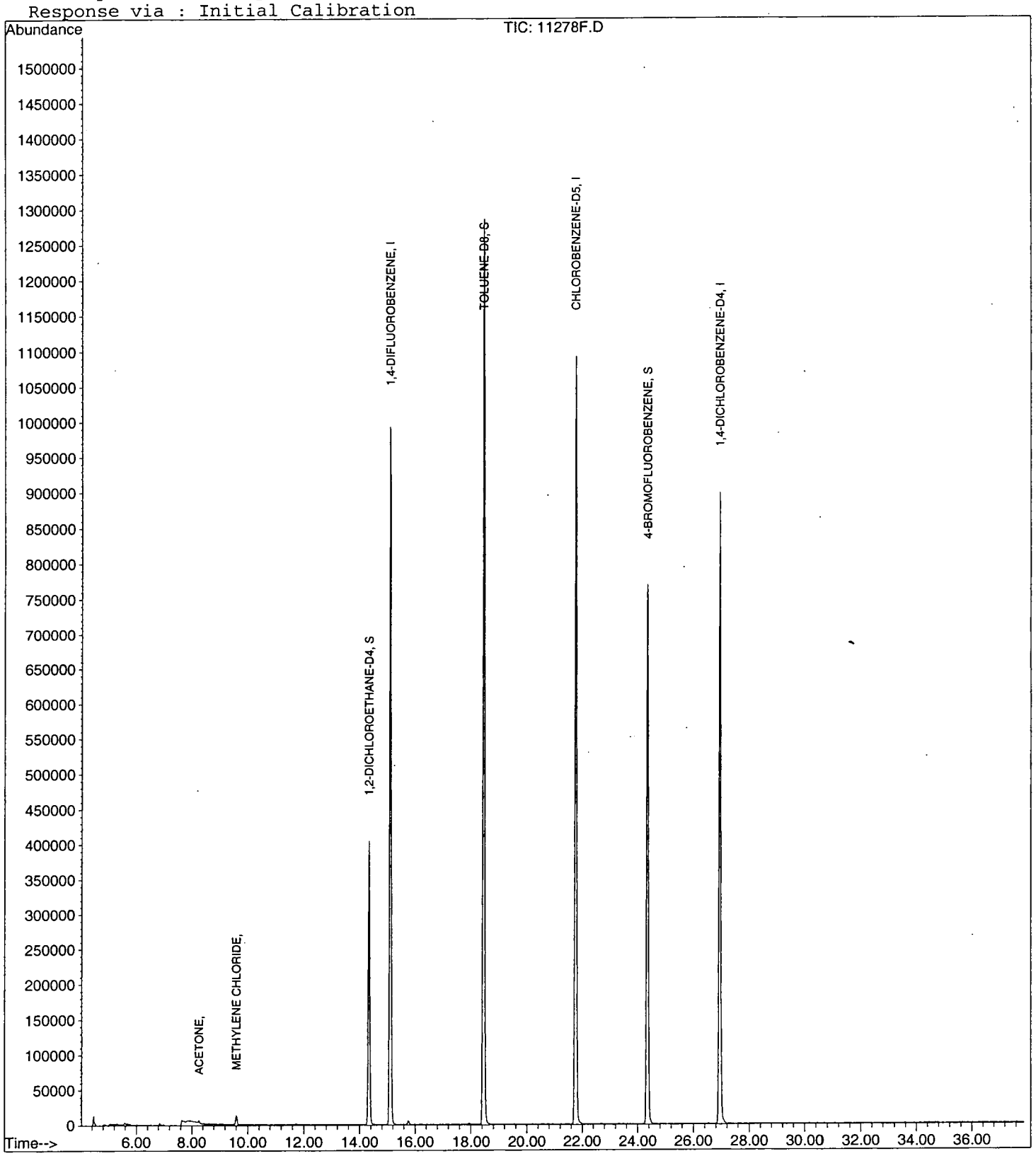
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11278F.D
Acq On : 10 May 2002 6:40 pm
Sample : nyc fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 19:19 2002

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

Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\11278F.D Vial: 6
Acq On : 10 May 2002 6:40 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

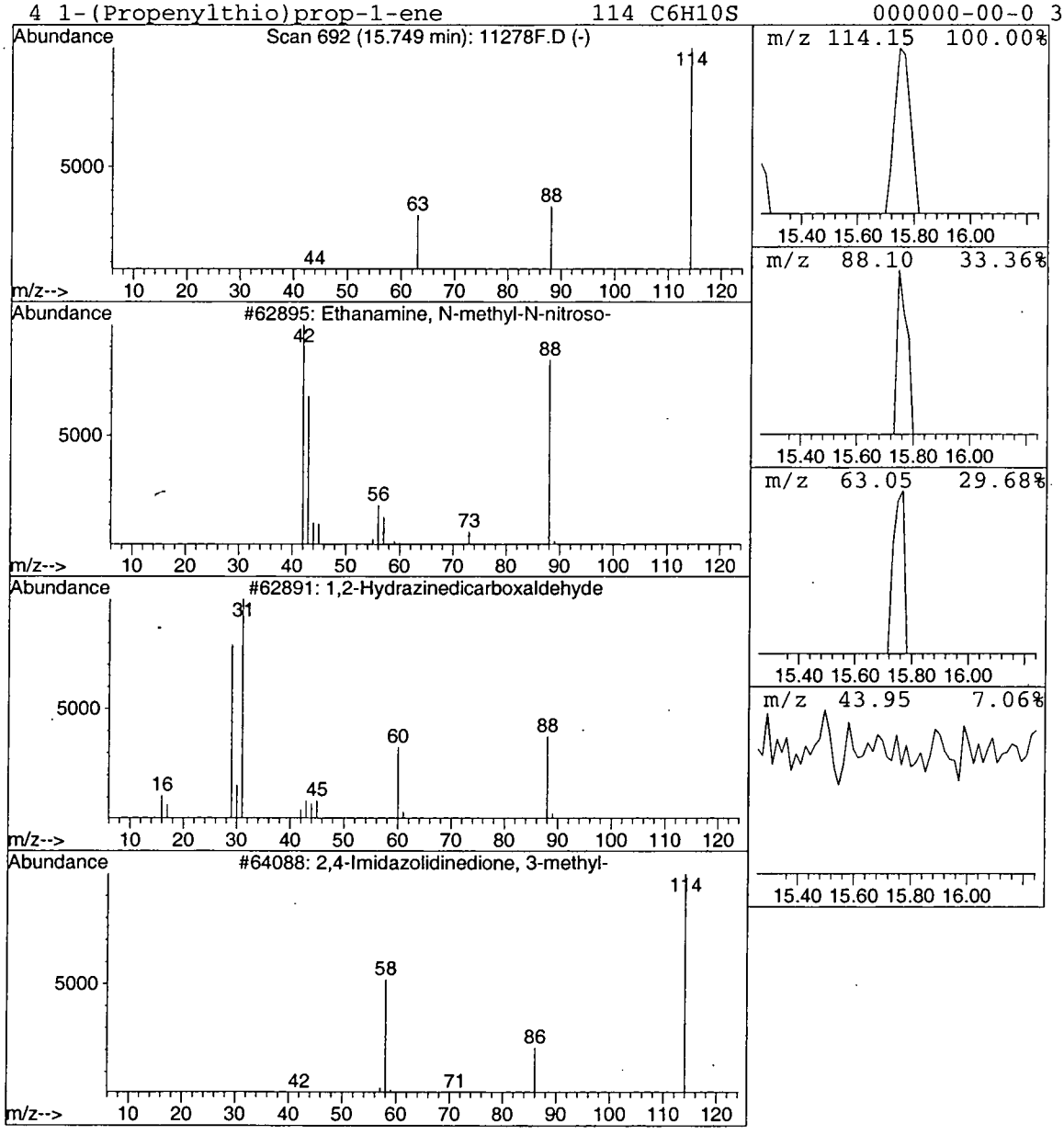
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethanamine, N-methyl-N-nitroso Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	19586	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:06:03

Sample: AE11279
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:07 Ended: 5/10/02 00:07 Analyst: BH
Result source: a:\11279.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY _____
DATE 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:06:03

Sample: AE11279
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:07 Ended: 5/10/02 00:07 Analyst: BH
Result source: a:\11279.rr
Page: 2

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

Comments for Sample AE11279 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-16-2002 Time: 10:31:24

The %recovery of MTBE for the ccv assocaited with this sample is 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11279.D Vial: 7
Acq On : 10 May 2002 7:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 20:02 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1298423	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1131101	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.94	152	491033	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	605979	5.10	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.00%			
3) 4-BROMOFLUOROBENZENE	24.35	174	416073	4.34	ug/L	0.02
Spiked Amount 5.000			Recovery = 86.80%			
25) TOLUENE-D8	18.46	98	1534622	5.25	ug/L	0.02
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	5178	0.47	ug/L	54

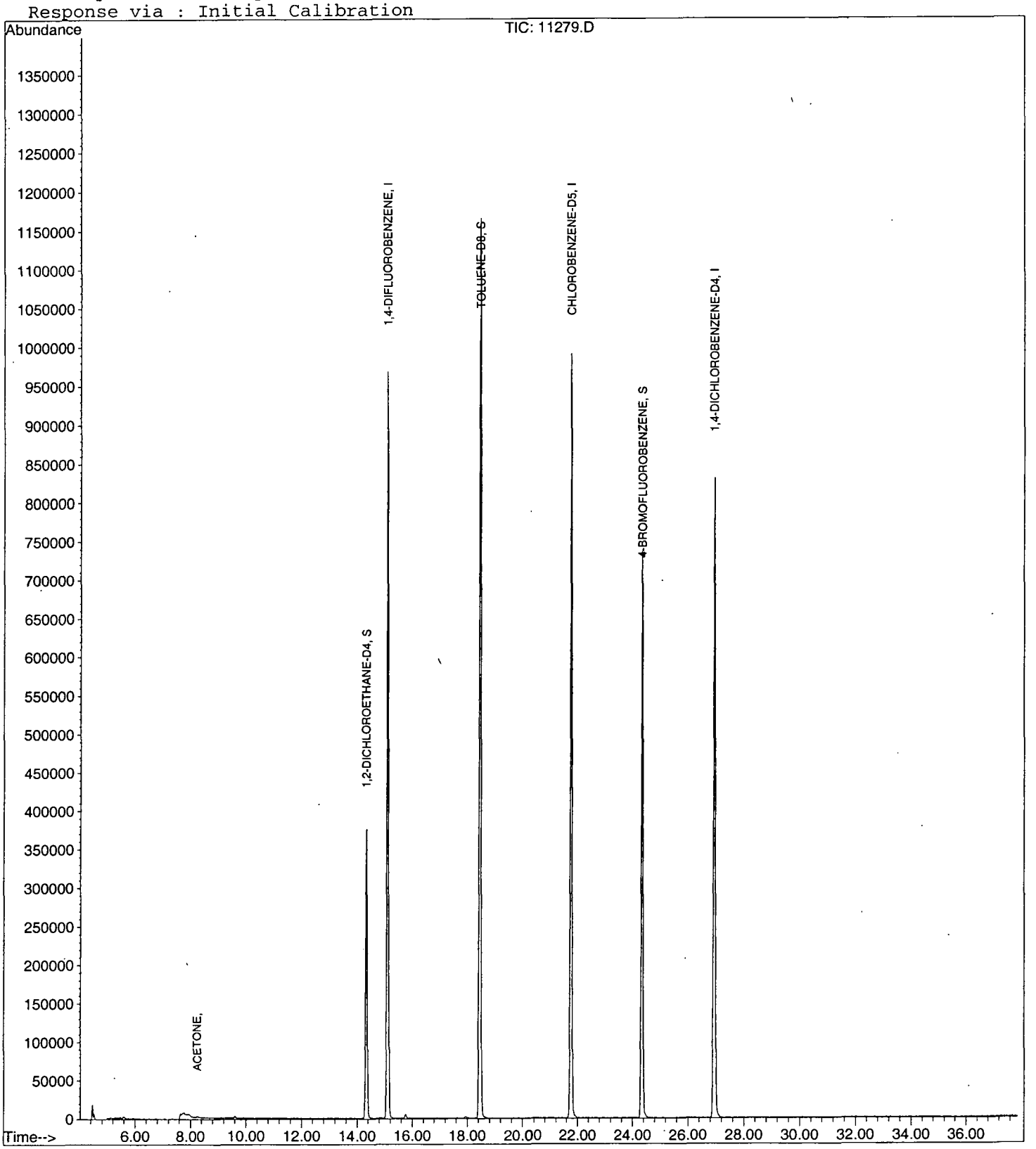
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11279.D
Acq On : 10 May 2002 7:23 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 20:02 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\11279.D Vial: 7
Acq On : 10 May 2002 7:23 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

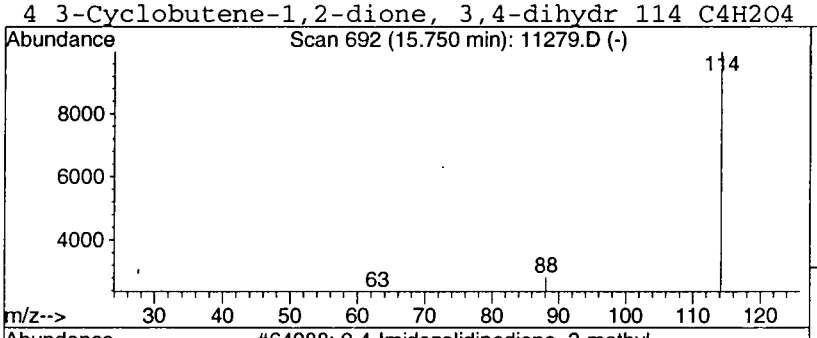
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

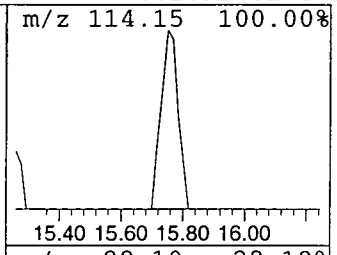
****

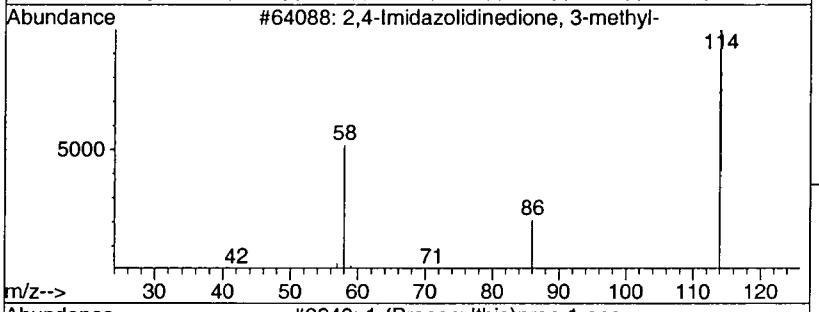
Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 1

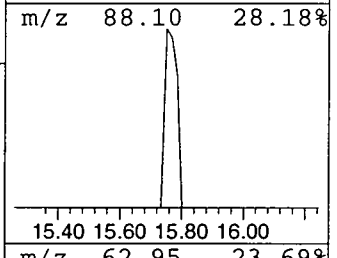
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	18467	1,4-DIFLUOROBENZENE	15.09

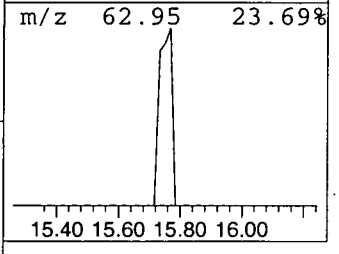
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

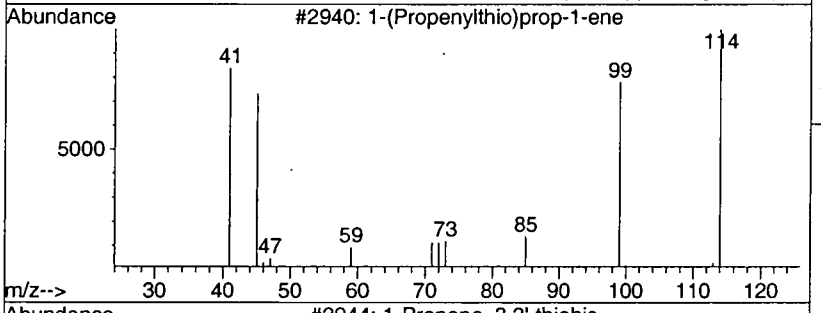


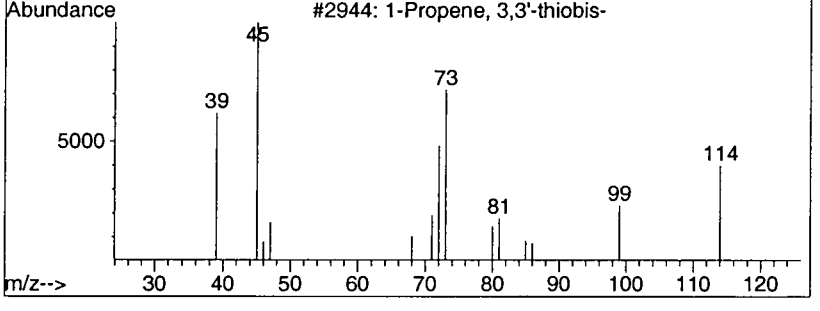












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:06:38

Sample: AE11280
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:08 Ended: 5/10/02 00:08 Analyst: BH
Result source: a:\11280.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY LV
DATE 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:06:38

Sample: AE11280
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:08 Ended: 5/10/02 00:08 Analyst: BH
Result source: a:\11280.rr
Page: 2

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

Comments for Sample AE11280 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-16-2002 Time: 10:31:33

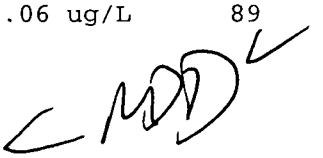
The %recovery of MTBE for the ccv associated with this sample is 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11280.D Vial: 8
Acq On : 10 May 2002 8:06 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 20:45 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1330103	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1162034	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.94	152	510496	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	623678	5.12	ug/L	0.00
Spiked Amount 5.000			Recovery	=	102.40%	
3) 4-BROMOFLUOROBENZENE	24.35	174	426725	4.34	ug/L	0.02
Spiked Amount 5.000			Recovery	=	86.80%	
25) TOLUENE-D8	18.44	98	1581071	5.26	ug/L	0.00
Spiked Amount 5.000			Recovery	=	105.20%	
Target Compounds						Qvalue
12) ACETONE	8.24	43	5023	0.44	ug/L	54
65) 1,3-DICHLOROBENZENE	~~27.00~~	146	5319	~~0.06~~	ug/L	91
66) 1,4-DICHLOROBENZENE	27.00	146	5319	0.06	ug/L	89



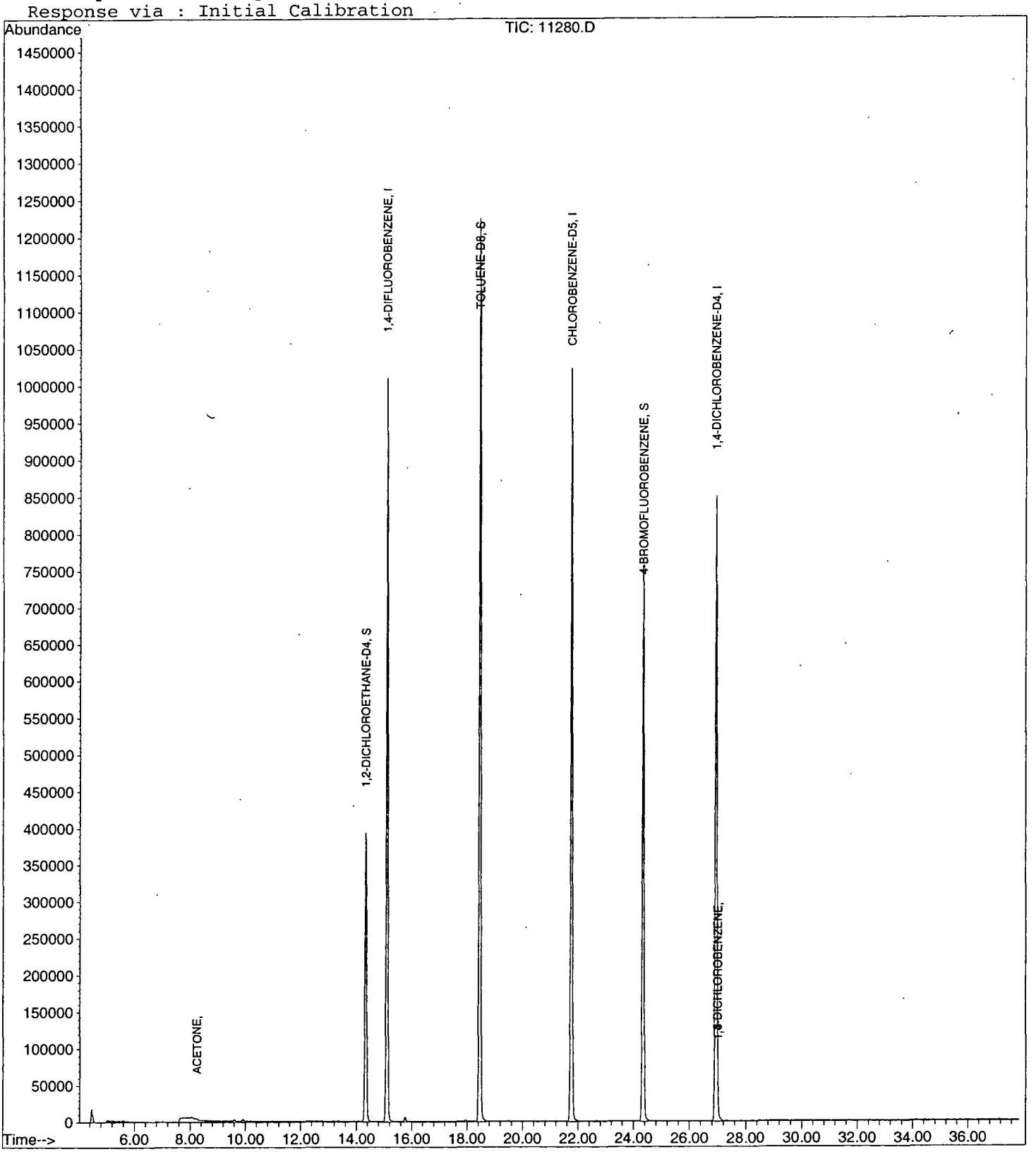
(#) = qualifier out of range (m) = manual integration
11280.D HP042202.M Fri May 10 20:45:30 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11280.D
Acq On : 10 May 2002 8:06 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 20:45 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\11280.D Vial: 8
Acq On : 10 May 2002 8:06 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

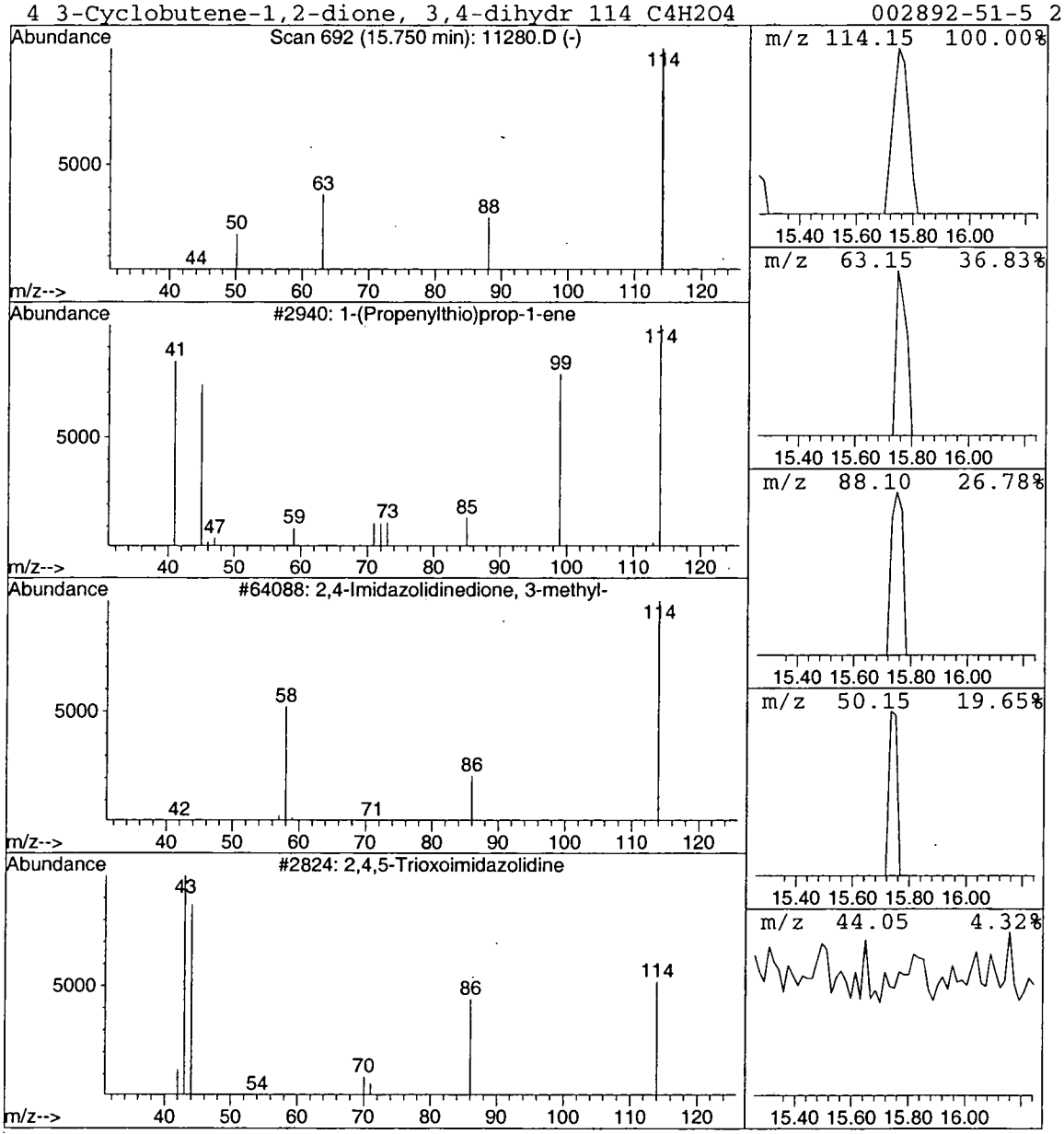
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	22810	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:07:00

Sample: AE11282
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:08 Ended: 5/10/02 00:08 Analyst: BH
Result source: a:\11282.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.4		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:07:00

Sample: AE11282
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:08 Ended: 5/10/02 00:08 Analyst: BH
Result source: a:\11282.rr
Page: 2

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

Comments for Sample AE11282 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-16-2002 Time: 10:31:42

The %recovery of MTBE for the ccv associated with this sample is 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11282.D Vial: 9
Acq On : 10 May 2002 8:50 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 21:28 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1375344	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1186638	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.92	152	527680	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	632407	5.02	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.40%			
3) 4-BROMOFLUOROBENZENE	24.33	174	429935	4.23	ug/L	0.00
Spiked Amount 5.000			Recovery = 84.60%			
25) TOLUENE-D8	18.44	98	1646582	5.37	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.40%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	5246	0.45	ug/L	54

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

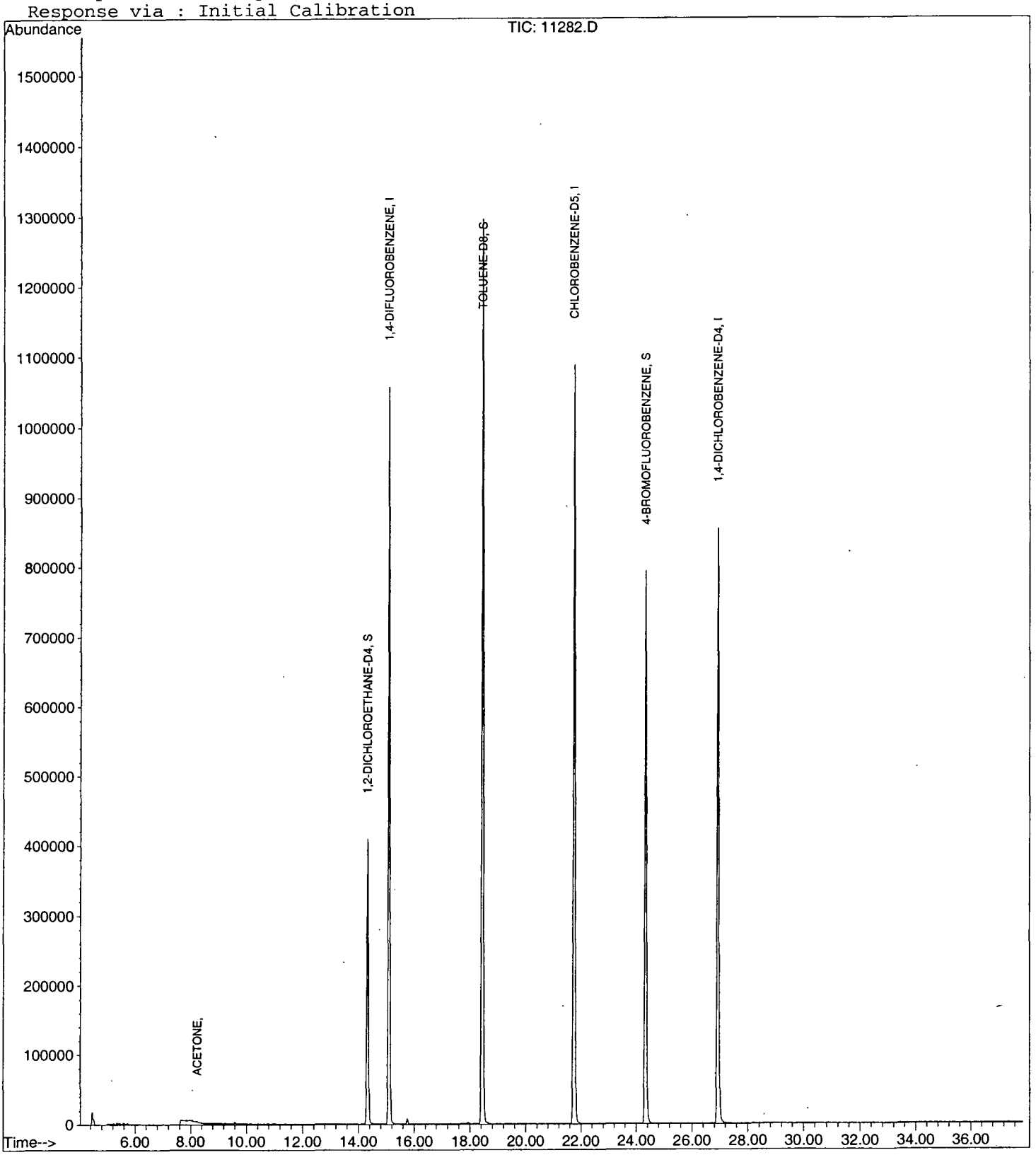
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11282.D
Acq On : 10 May 2002 8:50 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 21:28 2002

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

Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\11282.D
Acq On : 10 May 2002 8:50 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

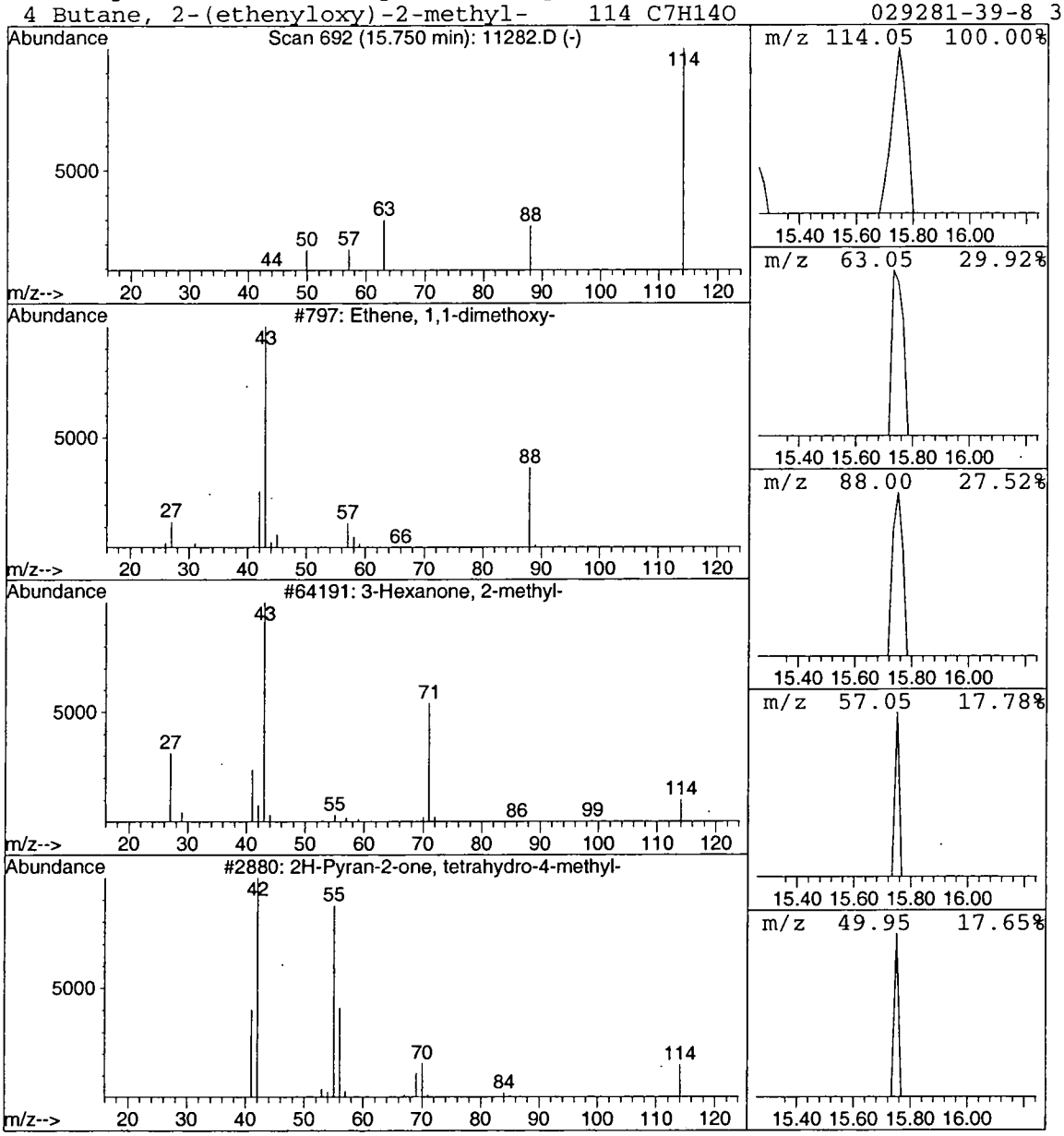
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethene, 1,1-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	22796	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,1-dimethoxy-	88	C4H8O2	000922-69-0	3
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
3	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:08:16

Sample: AE11282
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/10/02 00:09 Ended: 5/10/02 00:09 Analyst: BH
Result source: a:\11282f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.2		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:08:16

Sample: AE11282
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/10/02 00:09 Ended: 5/10/02 00:09 Analyst: BH
Result source: a:\11282f.rr
Page: 2

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

Comments for Sample AE11282 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Huhn, William
Date: 05-15-2002 Time: 14:58:38

The %recovery of MTBE for the ccv associated with this sample is 68%

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11282F.D Vial: 10
Acq On : 10 May 2002 9:32 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 22:11 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1399897	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1199001	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.92	152	529095	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	634324	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.00%			
3) 4-BROMOFLUOROBENZENE	24.33	174	433764	4.19	ug/L	0.00
Spiked Amount 5.000			Recovery = 83.80%			
25) TOLUENE-D8	18.44	98	1656007	5.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 106.80%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	19371	1.63	ug/L	97
14) METHYLENE CHLORIDE	9.59	49	12558	0.11	ug/L	93

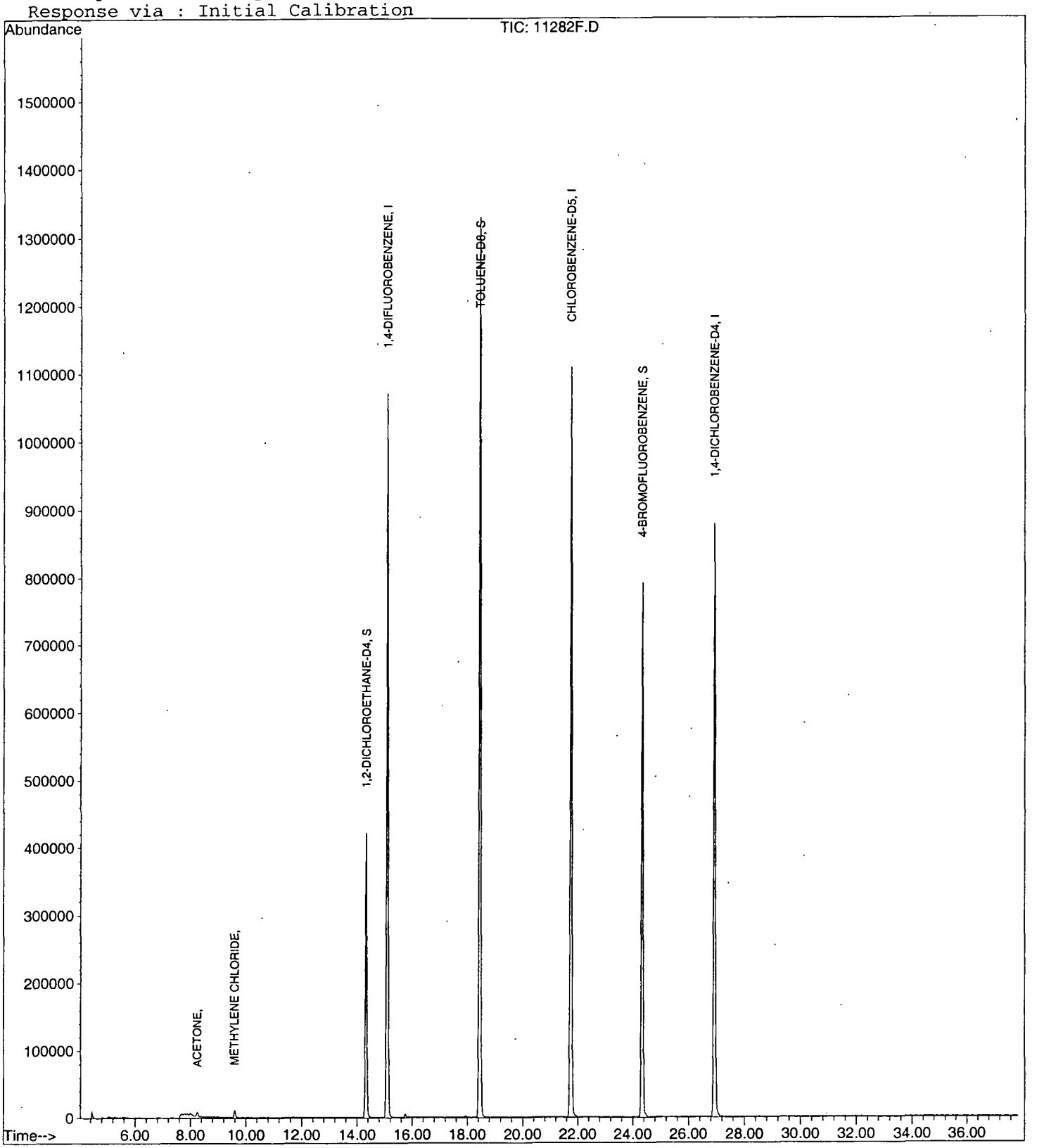
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11282F.D
Acq On : 10 May 2002 9:32 pm
Sample : nyc fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 22:11 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:07:26

Sample: AE11283
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:00 Ended: 5/10/02 00:00 Analyst: BH
Result source: a:\11283.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:07:26

Sample: AE11283
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:00 Ended: 5/10/02 00:00 Analyst: BH
Result source: a:\11283.rr
Page: 2

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

Comments for Sample AE11283 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-16-2002 Time: 10:31:51

The %recovery of MTBE for the ccv associated with this sample is 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11283.D Vial: 11
Acq On : 10 May 2002 10:16 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 22:54 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1330463	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.74	117	1149798	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.92	152	511276	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	614983	5.05	ug/L	0.00
Spiked Amount 5.000			Recovery =	101.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	415900	4.23	ug/L	0.00
Spiked Amount 5.000			Recovery =	84.60%		
25) TOLUENE-D8	18.44	98	1569121	5.28	ug/L	0.00
Spiked Amount 5.000			Recovery =	105.60%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	3239	0.29	ug/L	54

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

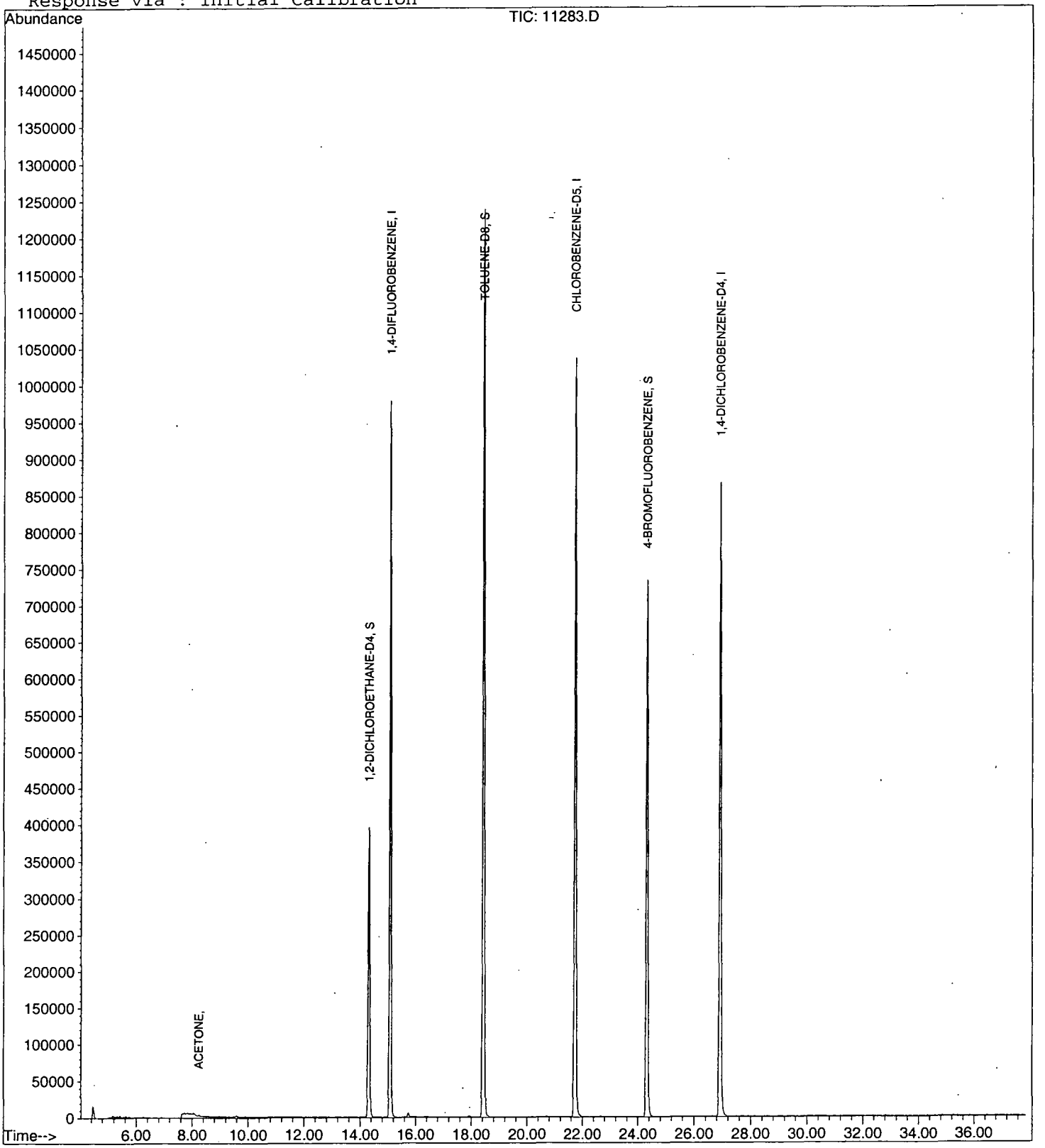
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11283.D
Acq On : 10 May 2002 10:16 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 22:54 2002

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

Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\11283.D Vial: 11
Acq On : 10 May 2002 10:16 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

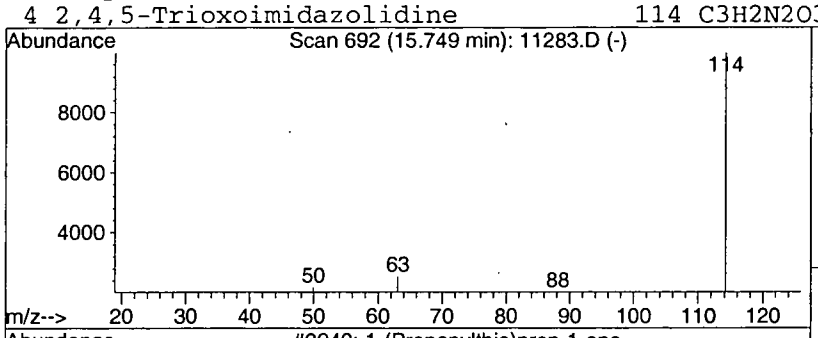
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

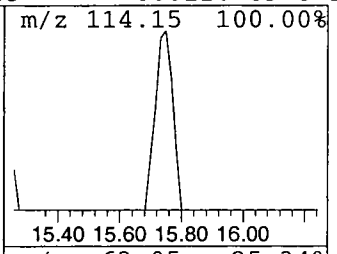
****

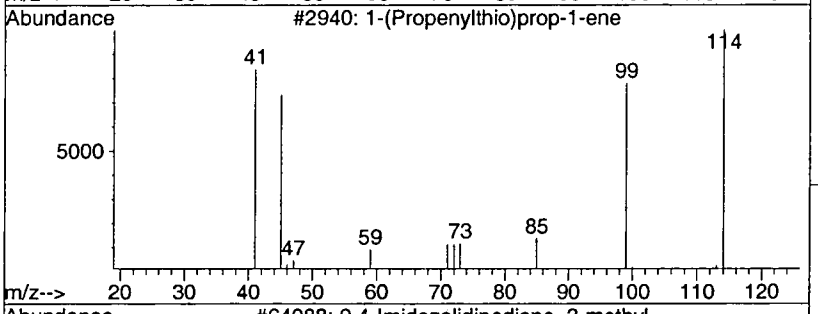
Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 1

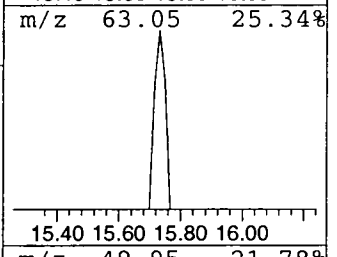
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	20747	1,4-DIFLUOROBENZENE	15.09

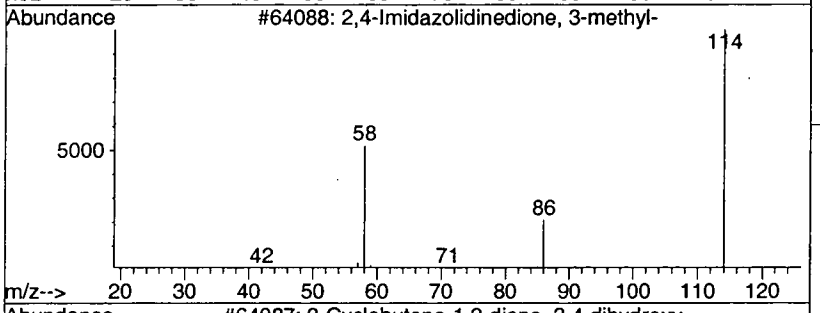
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

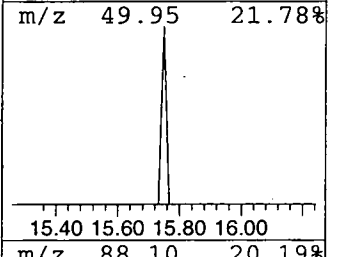


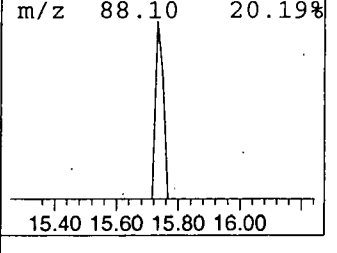


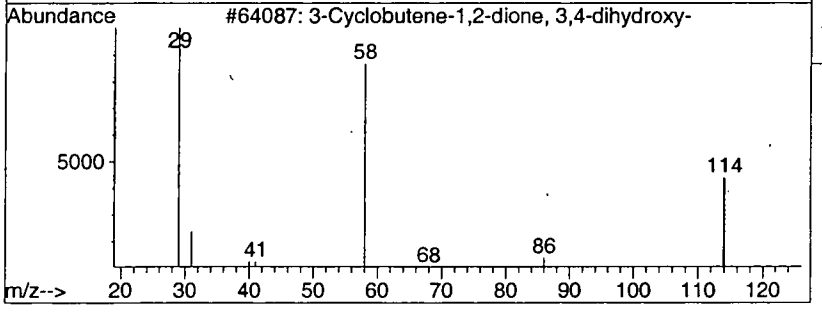












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:07:50

Sample: AE11284
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:00 Ended: 5/10/02 00:00 Analyst: BH
Result source: a:\11284.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/16/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:07:50

Sample: AE11284
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/10/02 00:00 Ended: 5/10/02 00:00 Analyst: BH
Result source: a:\11284.rr
Page: 2

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

Comments for Sample AE11284 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-16-2002 Time: 10:32:03

The %recovery of MTBE for the ccv associated with this sample is 68%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\11284.D Vial: 12
Acq On : 10 May 2002 10:59 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 10 23:37 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1340580	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.72	117	1160102	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	514450	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	625183	5.09	ug/L	-0.02
Spiked Amount 5.000			Recovery = 101.80%			
3) 4-BROMOFLUOROBENZENE	24.31	174	428351	4.32	ug/L	-0.02
Spiked Amount 5.000			Recovery = 86.40%			
25) TOLUENE-D8	18.42	98	1589928	5.30	ug/L	-0.02
Spiked Amount 5.000			Recovery = 106.00%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	5130	0.45	ug/L	54

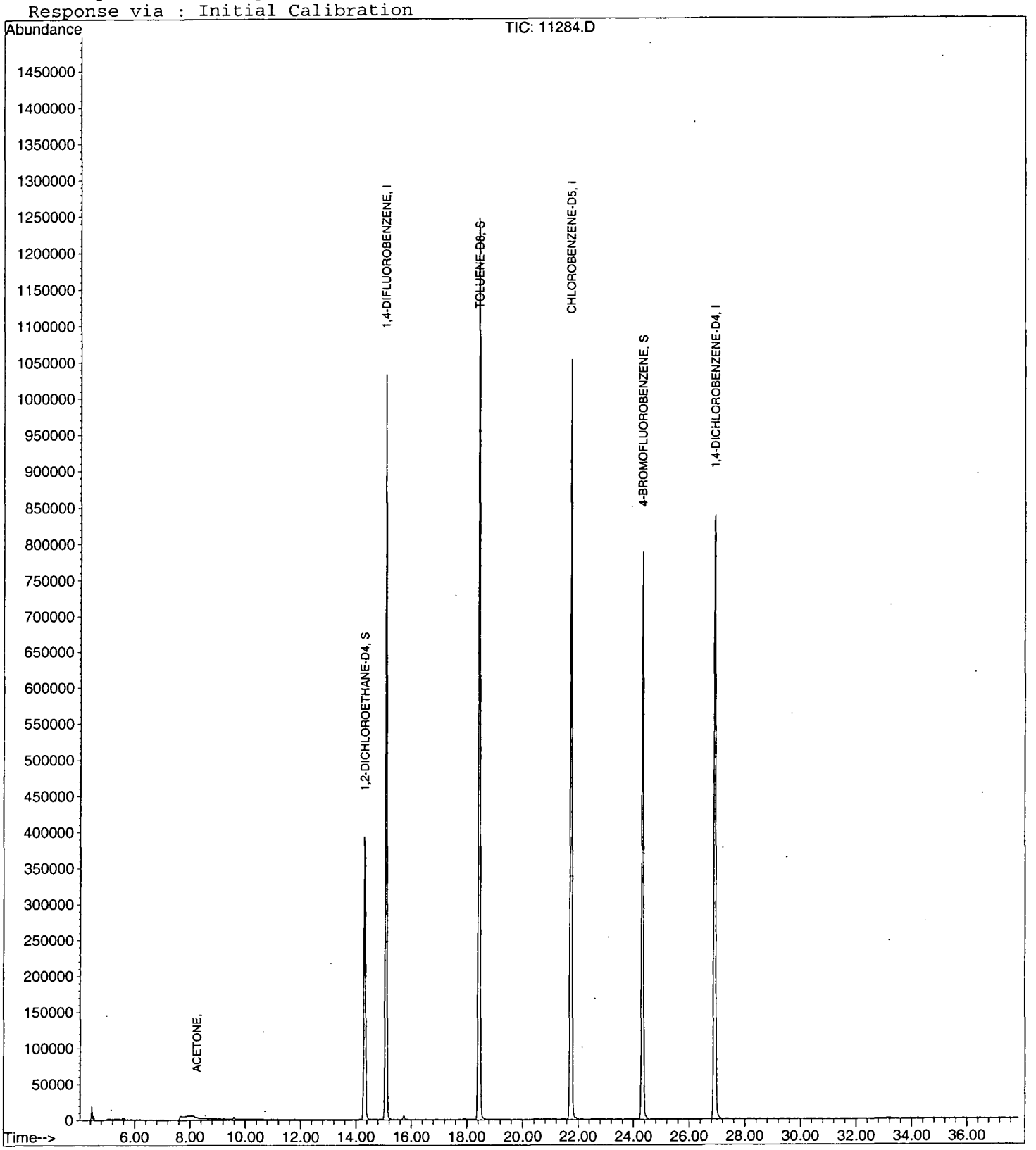
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\11284.D
Acq On : 10 May 2002 10:59 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: May 10 23:37 2002

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY10\11284.D Vial: 12
Acq On : 10 May 2002 10:59 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

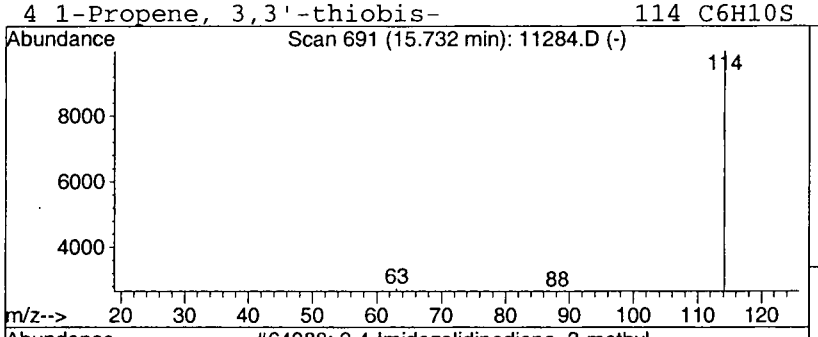
Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

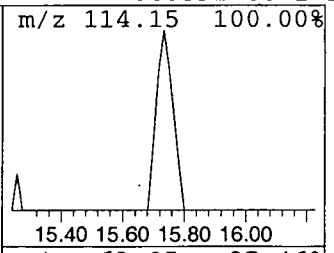
****

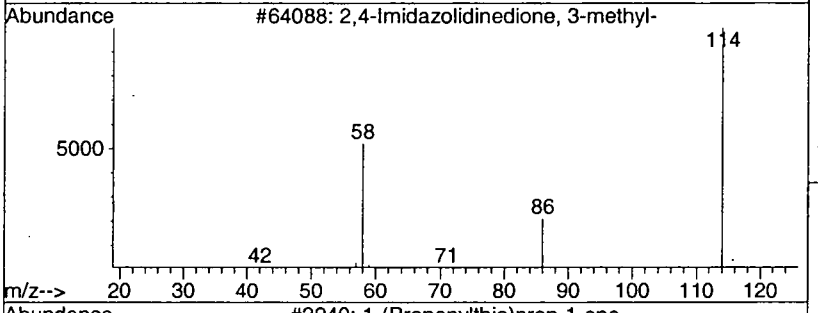
Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 1

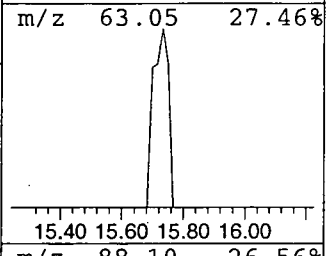
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	18897	1,4-DIFLUOROBENZENE	15.07

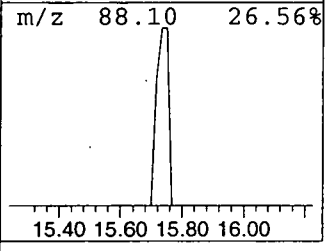
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	2

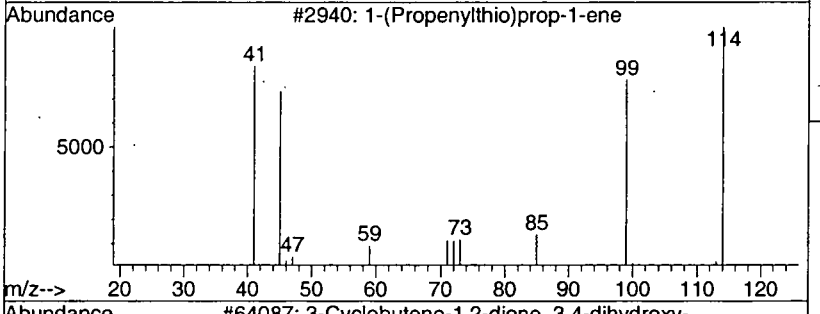


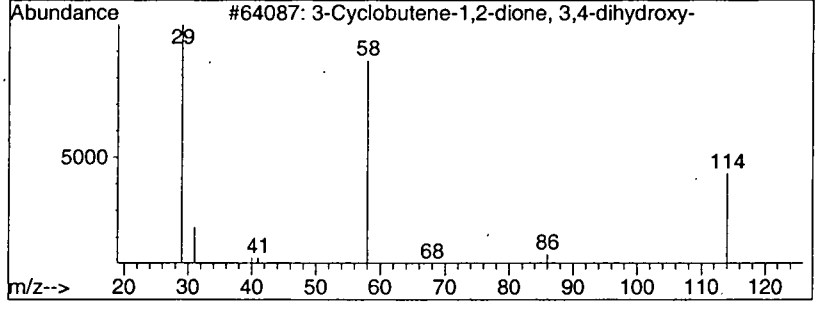












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:08:51

Sample: AE11278
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/10/02 00:01 Ended: 5/10/02 00:01 Analyst: BH
Result source: a:\0510c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.9		.5
3	Dichlorodifluoromethane		8.0		.5
4	Chloromethane		7.7		.5
5	Vinyl chloride		9.6		.5
6	Bromomethane		9.9		.5
7	Chloroethane		9.7		.5
8	Trichlorofluoromethane		9.7		.5
9	1,1-Dichloroethene		8.7		.5
10	Methylene Chloride		7.3		.5
11	Methyl-tert-butyl ether (MTBE)	LSPEC	6.8		1.0
12	trans-1,2-dichloroethene		8.1		.5
13	1,1-dichloroethane		7.9		.5
14	2-butanone (MEK)		25		2.0
15	2,2-dichloropropane		7.3		.5
16	cis-1,2-dichloroethene		9.0		.5
17	Chloroform		8.9		.5
18	Bromochloromethane		7.5		.5
19	1,2-dichloroethane		8.5		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		9.5		.5
22	1,1-dichloropropene		9.5		.5
23	Carbon tetrachloride		9.7		.5
24	Benzene		9.0		.5
25	Trichloroethene		9.3		.5
26	1,2-dichloropropane		8.1		.5
27	Dibromomethane		8.9		.5
28	Bromodichloromethane		9.1		.5
29	Methyl iso-butyl ketone		32		1.0
30	cis-1,3-dichloropropene		8.5		.5
31	Toluene		9.1		.5
32	trans-1,3-dichloropropene		8.4		.5
33	1,1,2-trichloroethane		9.0		.5
34	Tetrachloroethene		9.6		.5
35	1,3-dichloropropane		8.7		.5
36	Dibromochloromethane		9.4		2.0
37	Chlorobenzene		9.5		.5
38	1,1,1,2-tetrachloroethane		9.5		.5
39	Ethylbenzene		9.6		.5
40	P & M-xylene		19		.5
41	O-xylene		9.8		.5
42	Styrene		9.6		.5
43	1,1,2,2-tetrachloroethane		8.3		.5
44	Bromoform		8.9		2.0
45	Isopropylbenzene		9.5		.5
46	1,2,3-trichloropropane		9.6		.5
47	N-propylbenzene		9.0		.5
48	Bromobenzene		9.2		.5

Comment

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 11:08:51

Sample: AE11278
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/10/02 00:01 Ended: 5/10/02 00:01 Analyst: BH
Result source: a:\0510c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.3		.5
50	2-chlorotoluene		9.3		.5
51	4-chlorotoluene		8.7		.5
52	TERT-butylbenzene		9.3		.5
53	1,2,4-trimethylbenzene		9.2		.5
54	SEC-butylbenzene		9.2		.5
55	P-isopropyltoluene		9.3		.5
56	1,3-dichlorobenzene		9.2		.5
57	1,4-dichlorobenzene		8.9		.5
58	N-butylbenzene		8.9		.5
59	1,2-dichlorobenzene		9.0		.5
60	1,2,4-trichlorobenzene		8.5		.5
61	Hexachlobutadiene		8.5		.5
62	Naphthalene		7.7		.5
63	1,2,3-trichlorobenzene		8.5		.5
64	Nitrobenzene	LSPEC	140		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY10\0510C10A.D Vial: 2
Acq On : 10 May 2002 11:42 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 14 11:42 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue May 14 11:41:44 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1422119	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.73	117	1272699	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.90	152	636549	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	658175	5.06	ug/L	-0.02
Spiked Amount 5.000			Recovery = 101.20%			
3) 4-BROMOFLUOROBENZENE	24.31	174	513167	4.88	ug/L	-0.02
Spiked Amount 5.000			Recovery = 97.60%			
25) TOLUENE-D8	18.42	98	1711421	5.20	ug/L	-0.02
Spiked Amount 5.000			Recovery = 104.00%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	445554	7.99	ug/L	98
5) CHLOROMETHANE	5.43	50	552212	7.71	ug/L	98
6) VINYL CHLORIDE	5.57	62	412100	9.57	ug/L	99
7) BROMOMETHANE	6.56	94	369296	9.90	ug/L	99
8) CHLOROETHANE	6.69	64	391775	9.66	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.25	101	679612	9.67	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.14	101	440155	9.40	ug/L	94
12) ACETONE	8.22	43	278192	22.99	ug/L	96
13) 1,1-DICHLOROETHENE	8.58	61	1028539	8.73	ug/L	95
14) METHYLENE CHLORIDE	9.57	49	813346	7.30	ug/L	97
15) METHYL TERT BUTYL ETHER	9.88	73	523318	6.81	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.25	61	987486	8.11	ug/L	95
17) 1,1-DICHLOROETHANE	11.14	63	1061539	7.87	ug/L	97
18) 2-BUTANONE (MEK)	11.97	43	295221	25.09	ug/L	94
19) 2,2-DICHLOROPROPANE	12.34	77	710385	7.28	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.45	96	606703	9.00	ug/L	95
21) CHLOROFORM	12.79	83	1135414	8.87	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	441510	7.48	ug/L	82
23) 1,2-DICHLOROETHANE	14.51	62	839726	8.52	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.67	97	883189	9.46	ug/L	99
27) 1,1-DICHLOROPROPENE	14.00	75	917487	9.47	ug/L	99
28) CARBON TETRACHLORIDE	14.27	117	767181	9.75	ug/L	98
29) BENZENE	14.59	78	2008045	8.99	ug/L	98
30) TRICHLOROETHENE	15.87	95	668273	9.33	ug/L	98
31) 1,2-DICHLOROPROPANE	16.23	63	514887	8.06	ug/L	97
32) DIBROMOMETHANE	16.91	174	243582	8.87	ug/L	99
33) BROMODICHLOROMETHANE	16.75	83	744460	9.07	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.23	63	140584	7.68	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.30	58	260705	31.72	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.84	75	705336	8.50	ug/L	98
37) TOLUENE	18.59	91	2046067	9.06	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	504544	8.44	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.26	97	314788	8.95	ug/L	97
40) TETRACHLOROETHENE	20.04	166	595577	9.56	ug/L	98
41) 1,3-DICHLOROPROPANE	19.78	76	615912	8.71	ug/L	100
42) DIBROMOCHLOROMETHANE	20.48	129	379811	9.37	ug/L	99
43) 1,2-DIBROMOETHANE	20.93	107	316508	8.86	ug/L	97
44) CHLOROBENZENE	21.81	112	1289305	9.47	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	472067	9.55	ug/L	100
46) 2-HEXANONE	19.15	43	466725	29.77	ug/L	99
47) ETHYLBENZENE	21.84	91	2471014	9.63	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY10\0510C10A.D Vial: 2
Acq On : 10 May 2002 11:42 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 14 11:42 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue May 14 11:41:44 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

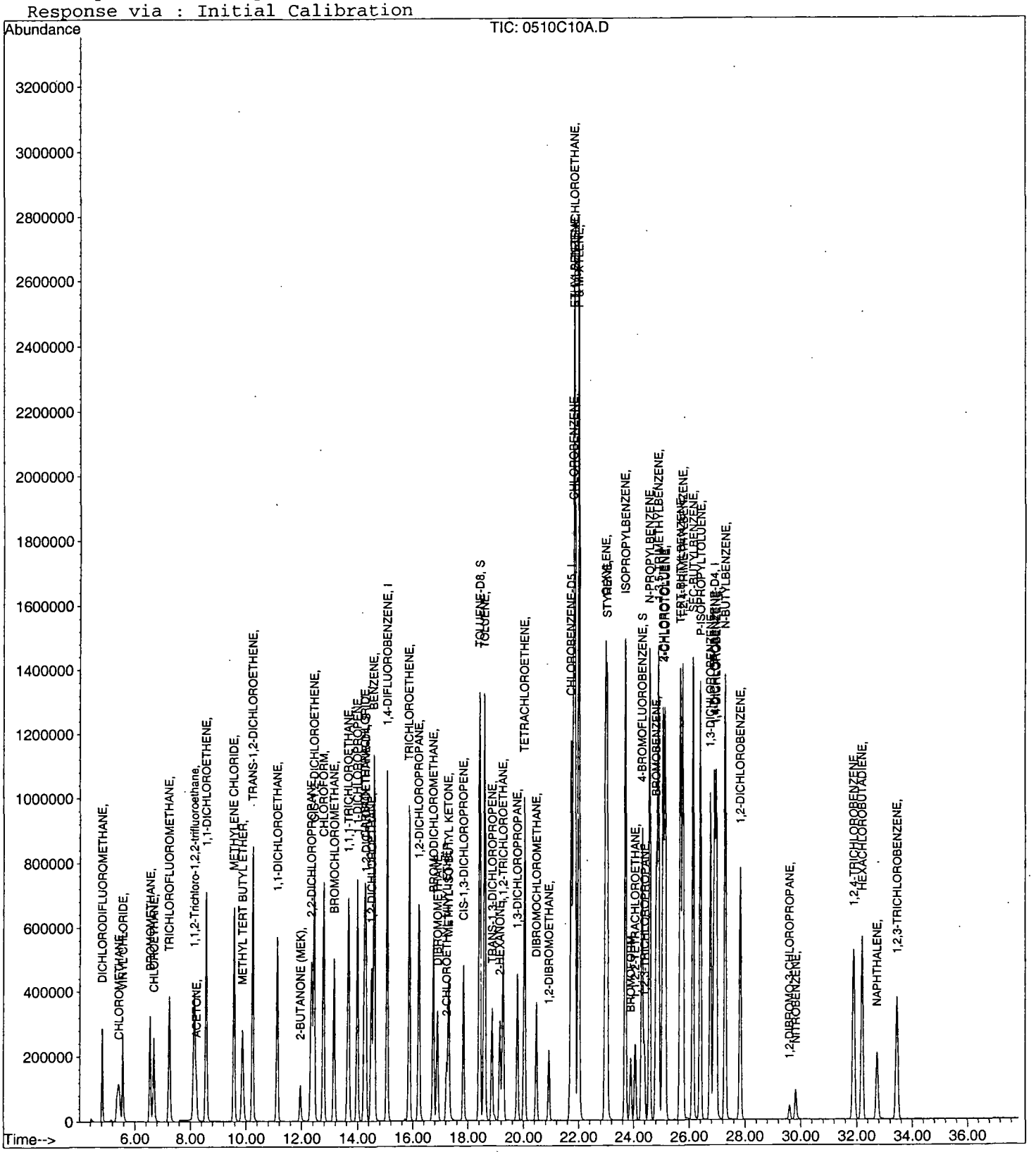
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.02	106	1610300	19.27 ug/L	99
49)	O-XYLENE	22.99	91	1935870	9.83 ug/L	99
50)	STYRENE	23.04	104	1263901	9.59 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.06	83	275426	8.29 ug/L	99
53)	BROMOFORM	23.90	173	180248	8.92 ug/L	94
54)	ISOPROPYLBENZENE	23.70	105	2149048	9.50 ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.40	110	100099	9.55 ug/L	98
56)	N-PROPYLBENZENE	24.57	91	2757655	9.03 ug/L	98
57)	BROMOBENZENE	24.82	156	508670	9.15 ug/L	92
58)	1,3,5-TRIMETHYLBENZENE	24.89	105	1912828	9.33 ug/L	97
59)	2-CHLOROTOLUENE	25.06	91	1915158	9.30 ug/L	99
60)	4-CHLOROTOLUENE	25.13	91	1652600	8.69 ug/L	98
61)	TERT-BUTYLBENZENE	25.69	119	1666339	9.32 ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.78	105	1946966	9.24 ug/L	97
63)	SEC-BUTYLBENZENE	26.14	105	2285401	9.18 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.41	119	1764665	9.28 ug/L	99
65)	1,3-DICHLOROBENZENE	26.77	146	954975	9.20 ug/L	98
66)	1,4-DICHLOROBENZENE	26.97	146	954204	8.93 ug/L	97
67)	N-BUTYLBENZENE	27.29	91	1856475	8.92 ug/L	99
68)	1,2-DICHLOROBENZENE	27.84	146	788126	9.00 ug/L	100
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.61	157	36990	7.83 ug/L	90
70)	1,2,4-TRICHLOROBENZENE	31.91	180	478457	8.48 ug/L	98
71)	HEXACHLOROBUTADIENE	32.21	225	342531	8.49 ug/L	99
72)	NAPHTHALENE	32.74	128	486418	7.71 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.46	180	377722	8.50 ug/L	95
74)	NITROBENZENE	29.83	77	141459	138.86 ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY10\0510C10A.D Vial: 2
Acq On : 10 May 2002 11:42 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 14 11:42 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may10\0510B4.D Vial: 3
Acq On : 11 May 2002 9:20 am Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 11 9:58 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed May 08 13:35:50 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.09
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.74
52) 1,4-DICHLOROBENZENE-D4	26.87	152	1405	5.00	ug/L	-0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	0.00	65	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
3) 4-BROMOFLUOROBENZENE	0.00	174	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
25) TOLUENE-D8	0.00	98	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
71) HEXACHLOROBUTADIENE	32.15	225	5332	59.90	ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may10\0510B4.D Vial: 3
Acq On : 11 May 2002 9:20 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 11 9:58 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration