User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:23:04

Sample: AE08951
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: a:\0419b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.7
2	Surr - 4-BROMOFLUOROBENZ		4.2
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		0.80
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		0.40
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.5
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL 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,
JB 6/4/02

in DI water

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:23:04

Sample: AE08951
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: a:\0419b1.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\02apr19\0419B1.D Vial: 1
Acq On : 19 Apr 2002 8:31 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 9:09 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1217176	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.78	117	1082880	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	460531	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	571954	5.70	ug/L	0.05
Spiked Amount 5.000			Recovery =	114.00%		
3) 4-BROMOFLUOROBENZENE	24.36	174	413667	4.21	ug/L	0.07
Spiked Amount 5.000			Recovery =	84.20%		
25) TOLUENE-D8	18.46	98	1433905	5.47	ug/L	0.05
Spiked Amount 5.000			Recovery =	109.40%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	6575	0.80	ug/L	53
21) CHLOROFORM	12.82	83	35813	0.40	ug/L	96

(#) = qualifier out of range (m) = manual integration
0419B1.D HP031802.M Fri Apr 19 09:10:09 2002 Page 1

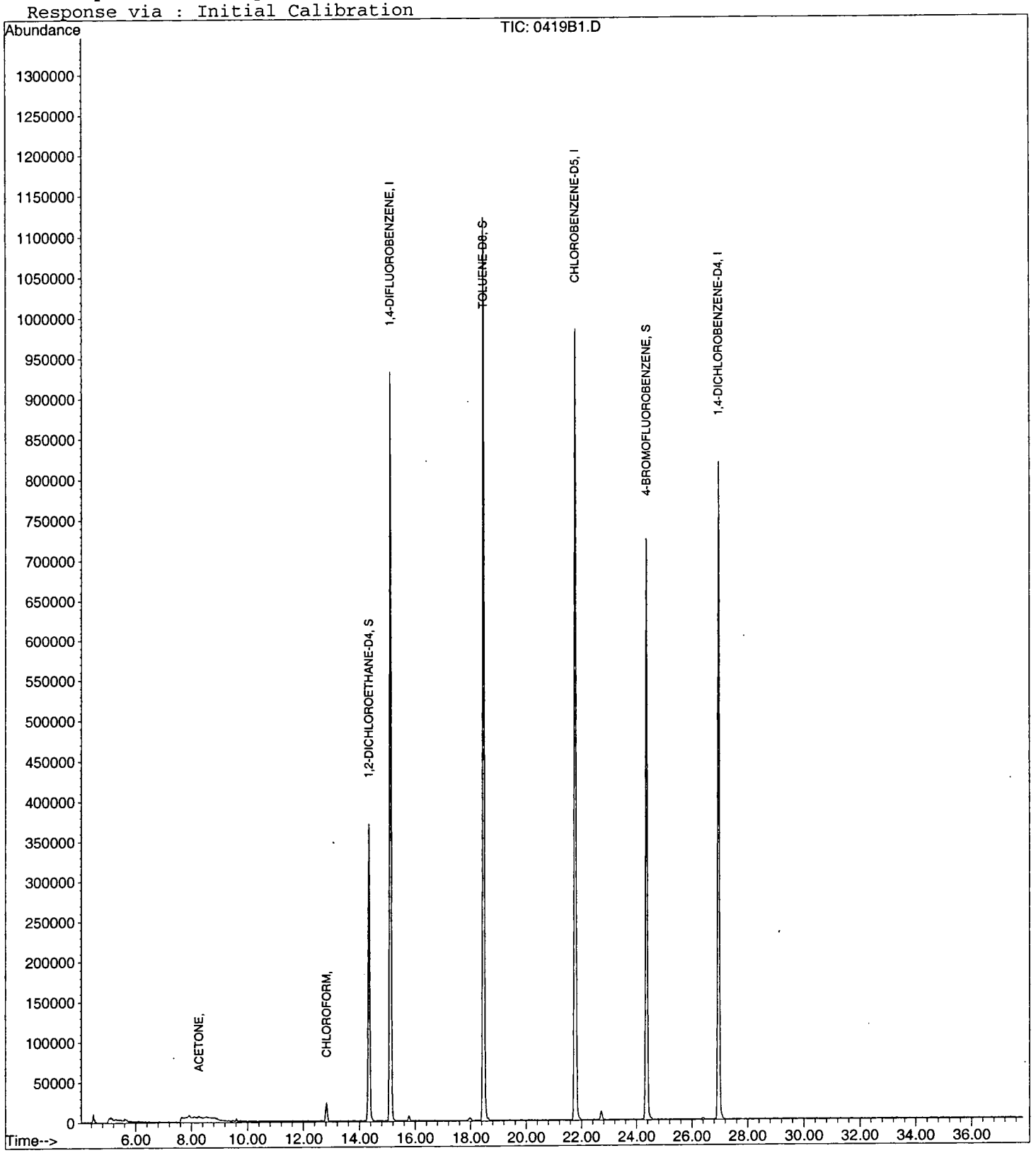
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\0419B1.D
Acq On : 19 Apr 2002 8:31 am
Sample : lab blank 1 (voc di)
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 19 9:09 2002

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

Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\0419B1.D Vial: 1
Acq On : 19 Apr 2002 8:31 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

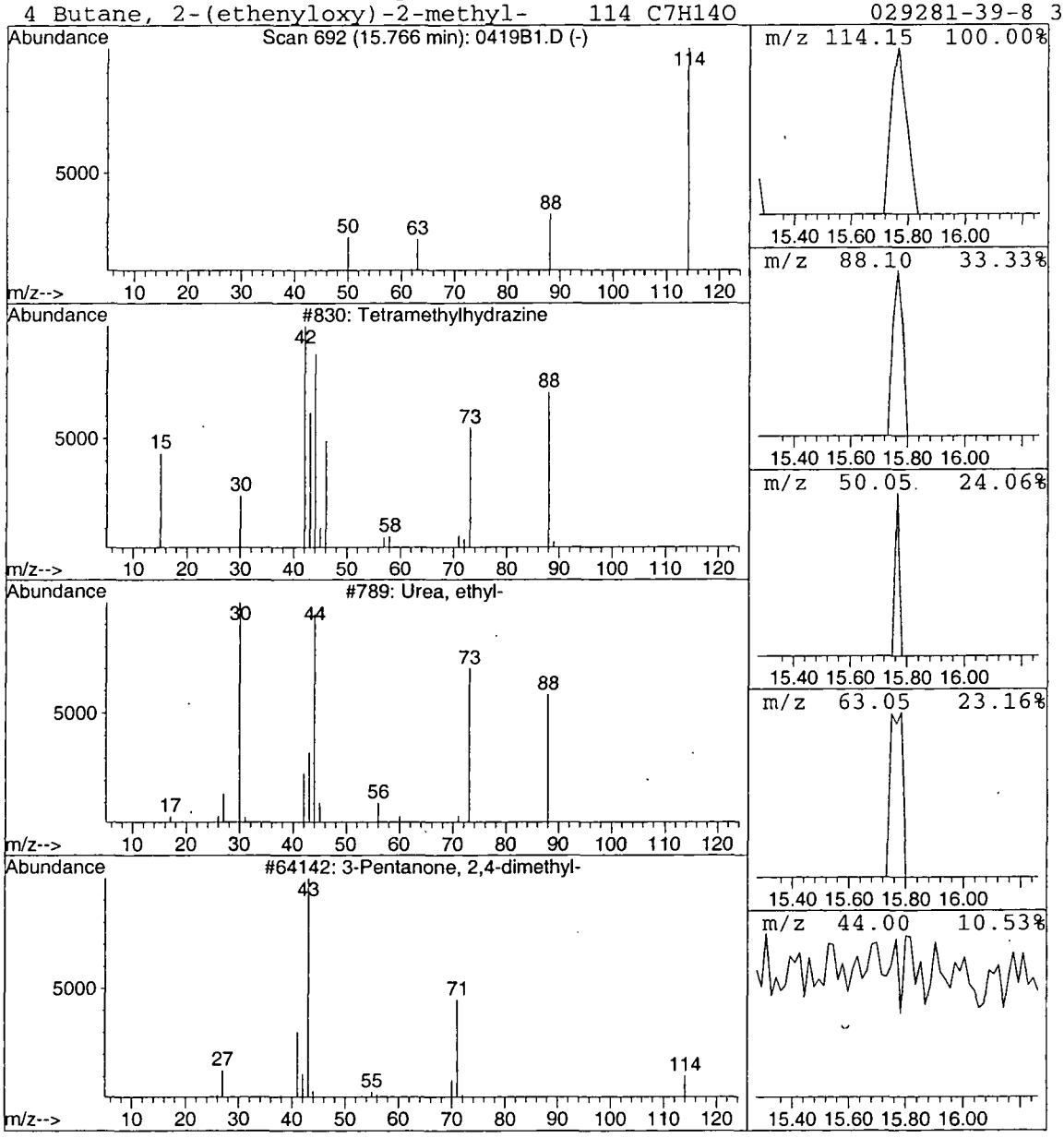
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Tetramethylhydrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	22556	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\0419B1.D Vial: 1
Acq On : 19 Apr 2002 8:31 am Operator: 201-wb
Sample : lab blank 1 (voc di) Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

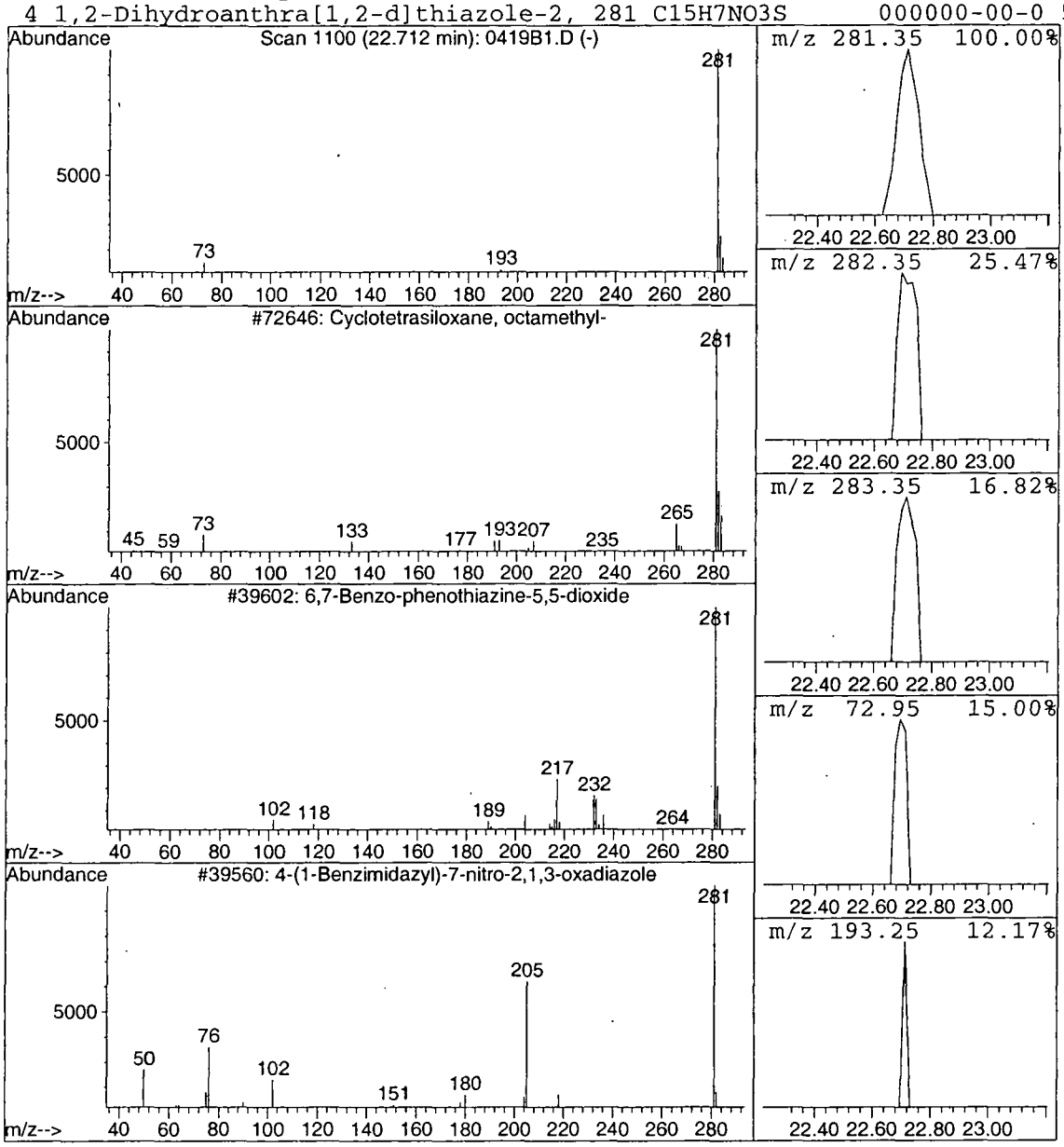
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	0.06 ug/L	49456	CHLOROBENZENE-D5	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	4-(1-Benzimidazyl)-7-nitro-2,1,3-ox	281	C13H7N5O3	091485-32-4	9
4	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:23:26

Sample: AE08951
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/19/02 00:01 Ended: 4/19/02 00:01 Analyst: BH
Result source: a:\0419c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.4		.5
3	Dichlorodifluoromethane		8.7		.5
4	Chloromethane		9.3		.5
5	Vinyl chloride		12		.5
6	Bromomethane		10		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		9.5		.5
9	1,1-Dichloroethene		10		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		7.7		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		36		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		9.5		.5
17	Chloroform		9.9		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		5.4		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		11		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		9.3		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		39		1.0
30	cis-1,3-dichloropropene		10		.5
31	Toluene		10		.5
32	trans-1,3-dichloropropene		9.9		.5
33	1,1,2-trichloroethane		9.2		.5
34	Tetrachloroethene		9.8		.5
35	1,3-dichloropropane		9.9		.5
36	Dibromochloromethane		9.2		2.0
37	Chlorobenzene		9.4		.5
38	1,1,1,2-tetrachloroethane		9.7		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.7		.5
43	1,1,2,2-tetrachloroethane		8.7		.5
44	Bromoform		10		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		10		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:23:26

Sample: AE08951
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/19/02 00:01 Ended: 4/19/02 00:01 Analyst: BH
Result source: a:\0419c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		12		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		9.9		.5
57	1,4-dichlorobenzene		9.5		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		9.7		.5
60	1,2,4-trichlorobenzene		9.9		.5
61	Hexachlobutadiene		12		.5
62	Naphthalene		7.4		.5
63	1,2,3-trichlorobenzene		9.7		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10.D Vial: 2
Acq On : 19 Apr 2002 11:00 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 11:38 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1238469	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.78	117	1118317	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	544624	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	602238	5.90	ug/L	0.05
Spiked Amount 5.000			Recovery =	118.00%		
3) 4-BROMOFLUOROBENZENE	24.36	174	444749	4.44	ug/L	0.07
Spiked Amount 5.000			Recovery =	88.80%		
25) TOLUENE-D8	18.47	98	1459642	5.39	ug/L	0.07
Spiked Amount 5.000			Recovery =	107.80%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	356550	8.71	ug/L	99
5) CHLOROMETHANE	5.47	50	452996	9.27	ug/L	97
6) VINYL CHLORIDE	5.60	62	361521	11.55	ug/L	98
7) BROMOMETHANE	6.59	94	304478	10.36	ug/L	99
8) CHLOROETHANE	6.73	64	316317	10.42	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.28	101	551422	9.53	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	8128	0.30	ug/L	73
12) ACETONE	8.26	43	302670	36.12	ug/L	96
13) 1,1-DICHLOROETHENE	8.62	61	764963	10.34	ug/L	92
14) METHYLENE CHLORIDE	9.62	49	703165	10.69	ug/L	93
15) METHYL TERT BUTYL ETHER	9.91	73	514417	7.74	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.28	61	784576	10.56	ug/L	91
17) 1,1-DICHLOROETHANE	11.17	63	865431	10.16	ug/L	98
18) 2-BUTANONE (MEK)	12.00	43	327807	35.99	ug/L	96
19) 2,2-DICHLOROPROPANE	12.40	77	675557	10.08	ug/L	94
20) CIS-1,2-DICHLOROETHENE	12.48	96	475771	9.50	ug/L	88
21) CHLOROFORM	12.82	83	916444	9.95	ug/L	100
22) BROMOCHLOROMETHANE	13.20	49	383292	10.02	ug/L	82
23) 1,2-DICHLOROETHANE	14.54	62	659398	10.36	ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.71	97	692611	10.97	ug/L	98
27) 1,1-DICHLOROPROPENE	14.03	75	656325	11.30	ug/L	96
28) CARBON TETRACHLORIDE	14.30	117	606087	11.15	ug/L	100
29) BENZENE	14.64	78	1559741	10.78	ug/L	99
30) TRICHLOROETHENE	15.92	95	477656	10.57	ug/L	99
31) 1,2-DICHLOROPROPANE	16.28	63	398040	10.54	ug/L	98
32) DIBROMOMETHANE	16.94	174	199813	9.33	ug/L	92
33) BROMODICHLOROMETHANE	16.79	83	610408	10.67	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	136811	8.51	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.35	58	248341	38.51	ug/L	89
36) CIS-1,3-DICHLOROPROPENE	17.88	75	550377	10.05	ug/L	97
37) TOLUENE	18.64	91	1553694	10.03	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	398100	9.85	ug/L	94
39) 1,1,2-TRICHLOROETHANE	19.31	97	234371	9.16	ug/L	97
40) TETRACHLOROETHENE	20.09	166	449338	9.79	ug/L	99
41) 1,3-DICHLOROPROPANE	19.84	76	466079	9.89	ug/L	99
42) DIBROMOCHLOROMETHANE	20.53	129	303705	9.19	ug/L	98
43) 1,2-DIBROMOETHANE	20.98	107	233035	8.93	ug/L	97
44) CHLOROBENZENE	21.86	112	978914	9.38	ug/L	89
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	359141	9.74	ug/L	97
46) 2-HEXANONE	19.19	43	486340	40.74	ug/L	93
47) ETHYLBENZENE	21.90	91	1866596	10.36	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10.D Vial: 2
Acq On : 19 Apr 2002 11:00 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 11:38 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

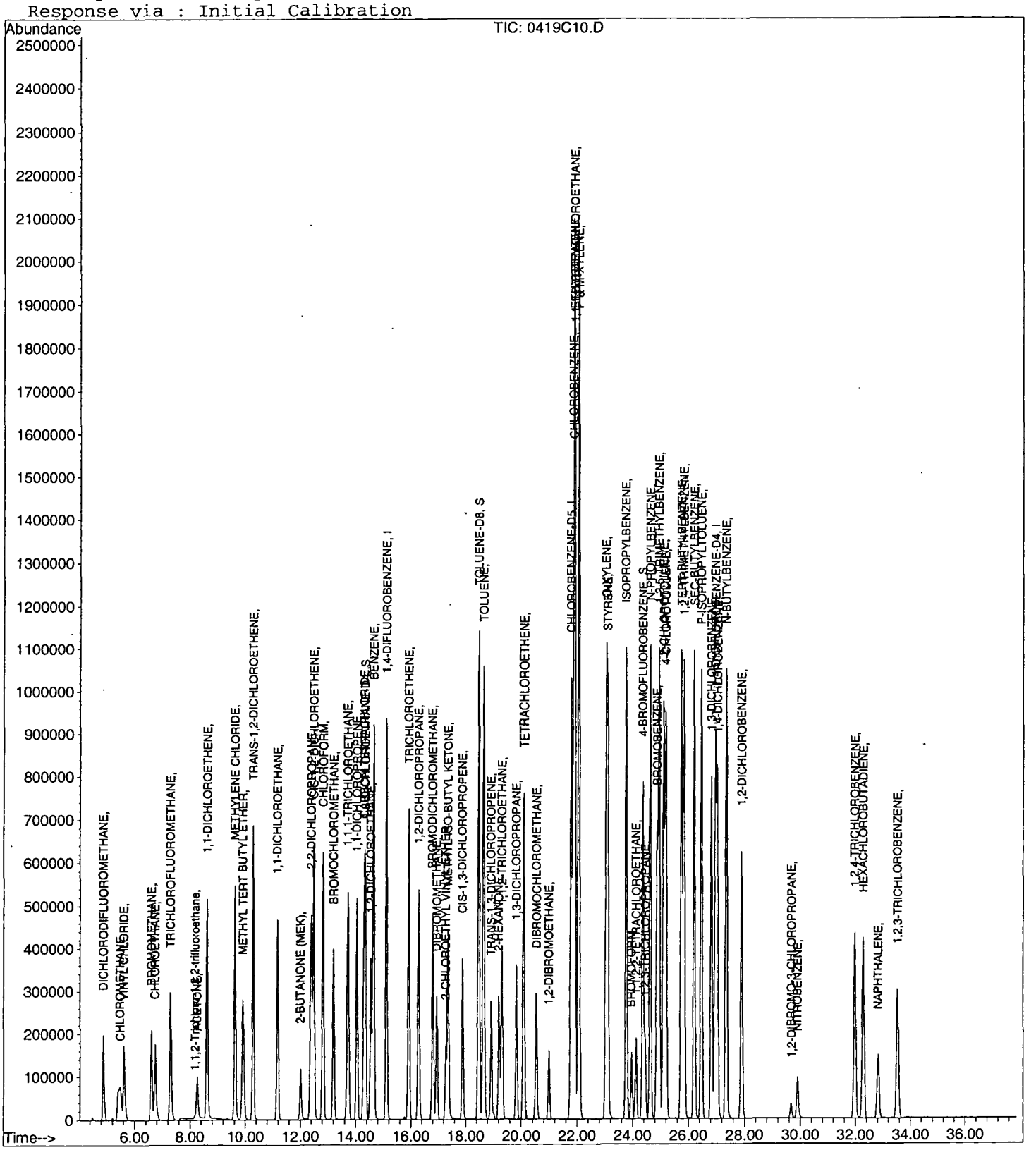
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	22.07	106	1206253	19.63	ug/L	84
49)	O-XYLENE	23.04	91	1450503	10.24	ug/L	95
50)	STYRENE	23.09	104	913658	9.73	ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	224111	8.65	ug/L	97
53)	BROMOFORM	23.96	173	147739	10.15	ug/L	98
54)	ISOPROPYLBENZENE	23.75	105	1593289	10.96	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.45	110	76216	10.83	ug/L	84
56)	N-PROPYLBENZENE	24.64	91	2046787	10.83	ug/L	97
57)	BROMOBENZENE	24.88	156	387993	10.15	ug/L	92
58)	1,3,5-TRIMETHYLBENZENE	24.94	105	1425807	11.05	ug/L	97
59)	2-CHLOROTOLUENE	25.11	91	1417096	10.90	ug/L	93
60)	4-CHLOROTOLUENE	25.18	91	1292965	11.55	ug/L	94
61)	TERT-BUTYLBENZENE	25.74	119	1249018	10.61	ug/L	92
62)	1,2,4-TRIMETHYLBENZENE	25.83	105	1480345	10.97	ug/L	96
63)	SEC-BUTYLBENZENE	26.20	105	1691500	10.46	ug/L	97
64)	P-ISOPROPYLTOLUENE	26.46	119	1322711	10.48	ug/L	95
65)	1,3-DICHLOROBENZENE	26.82	146	722430	9.90	ug/L	98
66)	1,4-DICHLOROBENZENE	27.04	146	719400	9.54	ug/L	99
67)	N-BUTYLBENZENE	27.34	91	1415859	11.04	ug/L	98
68)	1,2-DICHLOROBENZENE	27.89	146	604238	9.68	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	28500	7.41	ug/L	99
70)	1,2,4-TRICHLOROBENZENE	31.97	180	391646	9.93	ug/L	99
71)	HEXACHLOROBUTADIENE	32.28	225	255040	11.93	ug/L	96
72)	NAPHTHALENE	32.83	128	357079	7.38	ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.52	180	298311	9.68	ug/L	97
74)	NITROBENZENE	29.90	77	140952	160.53	ug/L	87

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10.D Vial: 2
Acq On : 19 Apr 2002 11:00 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 11:38 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 15:01:49

Sample: AE08951
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/19/2002 00:02 Ended: 4/19/2002 00:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		5.3	
2	4-BROMOFLUOROBENZENE		4.4	
3	DICHLORODIFLUOROMETHAN		4.2	.5
4	CHLOROMETHANE		5.4	.5
5	VINYL CHLORIDE		6.4	.5
6	BROMOMETHANE		5.2	.5
7	CHLOROETHANE		5.4	.5
8	TRICHLOROFLUOROMETHANE		5.1	.5
9	ACETONE		5.6	.5
10	1,1-DICHLOROETHENE		4.3	.5
11	METHYLENE CHLORIDE		4.8	.5
12	METHYL TERT BUTYL ETHER		3.9	1
13	TRANS-1,2-DICHLOROETHENE		4.6	.5
14	1,1-DICHLOROETHANE		4.7	.5
15	2-BUTANONE (MEK)		3.8	.5
16	2,2-DICHLOROPROPANE		4.4	.5
17	CIS-1,2-DICHLOROETHENE		4.2	.5
18	CHLOROFORM		4.6	.5
19	BROMOCHLOROMETHANE		4.4	.5
20	1,2-DICHLOROETHANE		4.6	.5
21	TOLUENE-D8		5.4	
22	1,1,1-TRICHLOROETHANE		4.9	.5
23	1,1-DICHLOROPROPENE		5.0	.5
24	CARBON TETRACHLORIDE		4.9	.5
25	BENZENE		5.1	.5
26	TRICHLOROETHENE		5.1	.5
27	1,2-DICHLOROPROPANE		4.9	.5
28	DIBROMOMETHANE		4.1	.5
29	BROMODICHLOROMETHANE		4.7	.5
30	2-CHLOROETHYL VINYL ETHE		3.9	.5
31	METHYL ISO-BUTYL KETONE		3.7	1
32	CIS-1,3-DICHLOROPROPENE		4.2	.5
33	TOLUENE		5.0	.5
34	TRANS-1,3-DICHLOROPROPEN		4.3	.5
35	1,1,2-TRICHLOROETHANE		4.1	.5
36	TETRACHLOROETHENE		4.8	.5
37	1,3-DICHLOROPROPANE		4.2	.5
38	DIBROMOCHLOROMETHANE		4.0	2
39	1,2-DIBROMOETHANE		3.9	.5
40	CHLOROBENZENE		4.6	.5
41	1,1,1,2-TETRACHLOROETHANE		4.6	.5
42	2-HEXANONE		3.8	.5
43	ETHYLBENZENE		5.2	.5
44	P & M-XYLENE		9.8	.5
45	O-XYLENE		5.1	.5
46	STYRENE		4.7	.5
47	1,1,2,2-TETRACHLOROETHANE		3.7	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 15:01:49

Sample: AE08951
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/19/2002 00:02 Ended: 4/19/2002 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		4.3	2
49	ISOPROPYLBENZENE		5.5	.5
50	1,2,3-TRICHLOROPROPANE		4.7	.5
51	N-PROPYLBENZENE		5.4	.5
52	BROMOBENZENE		5.0	.5
53	1,3,5-TRIMETHYLBENZENE		5.7	.5
54	2-CHLOROTOLUENE		5.5	.5
55	4-CHLOROTOLUENE		5.9	.5
56	TERT-BUTYLBENZENE		5.4	.5
57	1,2,4-TRIMETHYLBENZENE		5.5	.5
58	SEC-BUTYLBENZENE		5.4	.5
59	P-ISOPROPYLTOLUENE		5.7	.5
60	1,3-DICHLOROBENZENE		5.1	.5
61	1,4-DICHLOROBENZENE		4.9	.5
62	N-BUTYLBENZENE		5.8	.5
63	1,2-DICHLOROBENZENE		4.7	.5
64	1,2-DIBROMO-3-CHLOROPROF		3.5	.5
65	1,2,4-TRICHLOROBENZENE		4.8	.5
66	HEXACHLOROBUTADIENE		6.5	.5
67	NAPHTHALENE		3.6	.5
68	1,2,3-TRICHLOROBENZENE		4.8	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		61	5.0

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 15:01:44

Sample: AE08951
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/23/2002 14:36 Ended: 4/23/2002 14:36 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.3	.5
2	Surr - 4-BROMOFLUOROBENZE		4.4	.5
3	Dichlorodifluoromethane		84	.5
4	Chloromethane		108	.5
5	Vinyl chloride		128	.5
6	Bromomethane		104	.5
7	Chloroethane		108	.5
8	Trichlorofluoromethane		102	.5
9	1,1-Dichloroethene		86	.5
10	Methylene Chloride		96	.5
11	Methyl tert butyl ether		78	1.0
12	trans-1,2-dichloroethene		92	.5
13	1,1-dichloroethane		94	.5
14	2-butanone (MEK)		76	2.0
15	2,2-dichloropropane		88	.5
16	cis-1,2-dichloroethene		84	.5
17	Chloroform		92	.5
18	Bromochloromethane		88	.5
19	1,2-dichloroethane		92	.5
20	Surr - TOLUENE-D8		5.4	.5
21	1,1,1-trichloroethane		98	.5
22	1,1-dichloropropene		100	.5
23	Carbon tetrachloride		98	.5
24	Benzene		102	.5
25	Trichloroethene		102	.5
26	1,2-dichloropropane		98	.5
27	Dibromomethane		82	.5
28	Bromodichloromethane		94	.5
29	Methyl iso-butyl ketone		74	1.0
30	cis-1,3-dichloropropene		84	.5
31	Toluene		100	.5
32	trans-1,3-dichloropropene		86	.5
33	1,1,2-trichloroethane		82	.5
34	Tetrachloroethene		96	.5
35	1,3-dichloropropane		84	.5
36	Dibromochloromethane		80	2.0
37	Chlorobenzene		92	.5
38	1,1,1,2-tetrachloroethane		92	.5
39	Ethylbenzene		104	.5
40	P & M-xylene		98	.5
41	O-xylene		102	.5
42	Styrene		94	.5
43	1,1,2,2-tetrachloroethane		74	.5
44	Bromoform		86	2.0
45	Isopropylbenzene		110	.5
46	1,2,3-trichloropropane		94	.5
47	N-propylbenzene		108	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 15:01:44

Sample: AE08951
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/23/2002 14:36 Ended: 4/23/2002 14:36 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		100	.5
49	1,3,5-trimethylbenzene		114	.5
50	2-chlorotoluene		110	.5
51	4-chlorotoluene		118	.5
52	TERT-butylbenzene		108	.5
53	1,2,4-trimethylbenzene		110	.5
54	SEC-butylbenzene		108	.5
55	P-isopropyltoluene		114	.5
56	1,3-dichlorobenzene		102	.5
57	1,4-dichlorobenzene		98	.5
58	N-butylbenzene		116	.5
59	1,2-dichlorobenzene		94	.5
60	1,2,4-trichlorobenzene		96	.5
61	Hexachlorobutadiene		130	.5
62	Naphthalene		72	.5
63	1,2,3-trichlorobenzene		96	.5
64	Ethanol		< MDL	
65	Nitrobenzene	LSREC	71	5.1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419R5.D Vial: 3
Acq On : 19 Apr 2002 2:05 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 14:43 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1151053	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.78	117	1046035	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	498656	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	500947	5.28	ug/L	0.07
Spiked Amount 5.000			Recovery	= 105.60%		
3) 4-BROMOFLUOROBENZENE	24.36	174	409250	4.40	ug/L	0.07
Spiked Amount 5.000			Recovery	= 88.00%		
25) TOLUENE-D8	18.47	98	1368841	5.40	ug/L	0.07
Spiked Amount 5.000			Recovery	= 108.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	228554	6.01	ug/L	99
5) CHLOROMETHANE	5.42	50	322286	7.09	ug/L	99
6) VINYL CHLORIDE	5.62	62	252740	8.69	ug/L	99
7) BROMOMETHANE	6.59	94	184564	6.75	ug/L	94
8) CHLOROETHANE	6.74	64	194227	6.88	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.30	101	352724	6.46	ug/L	100
12) ACETONE	8.26	43	43803	5.62	ug/L	95
13) 1,1-DICHLOROETHENE	8.62	61	296249	4.31	ug/L	90
14) METHYLENE CHLORIDE	9.62	49	296265	4.85	ug/L	92
15) METHYL TERT BUTYL ETHER	9.93	73	210598	3.41	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.28	61	319848	4.63	ug/L	90
17) 1,1-DICHLOROETHANE	11.17	63	369897	4.67	ug/L	99
18) 2-BUTANONE (MEK)	12.02	43	32590	3.85	ug/L	100
19) 2,2-DICHLOROPROPANE	12.40	77	274421	4.40	ug/L	94
20) CIS-1,2-DICHLOROETHENE	12.50	96	196281	4.22	ug/L	94
21) CHLOROFORM	12.82	83	392704	4.59	ug/L	100
22) BROMOCHLOROMETHANE	13.20	49	157990	4.45	ug/L	81
23) 1,2-DICHLOROETHANE	14.54	62	270130	4.57	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.72	97	287886	4.87	ug/L	97
27) 1,1-DICHLOROPROPENE	14.05	75	269184	4.96	ug/L	96
28) CARBON TETRACHLORIDE	14.30	117	248340	4.88	ug/L	99
29) BENZENE	14.64	78	687533	5.08	ug/L	98
30) TRICHLOROETHENE	15.92	95	213855	5.06	ug/L	93
31) 1,2-DICHLOROPROPANE	16.28	63	174616	4.94	ug/L	99
32) DIBROMOMETHANE	16.94	174	81616	4.08	ug/L	87
33) BROMODICHLOROMETHANE	16.79	83	252963	4.73	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	43699	3.36	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.35	58	20149	3.34	ug/L	85
36) CIS-1,3-DICHLOROPROPENE	17.88	75	217215	4.24	ug/L	96
37) TOLUENE	18.64	91	721262	4.98	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	163292	4.32	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.31	97	99208	4.15	ug/L	97
40) TETRACHLOROETHENE	20.09	166	205263	4.78	ug/L	98
41) 1,3-DICHLOROPROPANE	19.83	76	187268	4.25	ug/L	93
42) DIBROMOCHLOROMETHANE	20.53	129	122838	3.98	ug/L	95
43) 1,2-DIBROMOETHANE	20.98	107	94301	3.86	ug/L	96
44) CHLOROBENZENE	21.86	112	452440	4.63	ug/L	92
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	158754	4.60	ug/L	98
46) 2-HEXANONE	19.21	43	42974	3.85	ug/L	99
47) ETHYLBENZENE	21.89	91	872761	5.18	ug/L	97
48) P & M-XYLENE	22.07	106	565616	9.84	ug/L	89

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419R5.D Vial: 3
Acq On : 19 Apr 2002 2:05 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 14:43 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

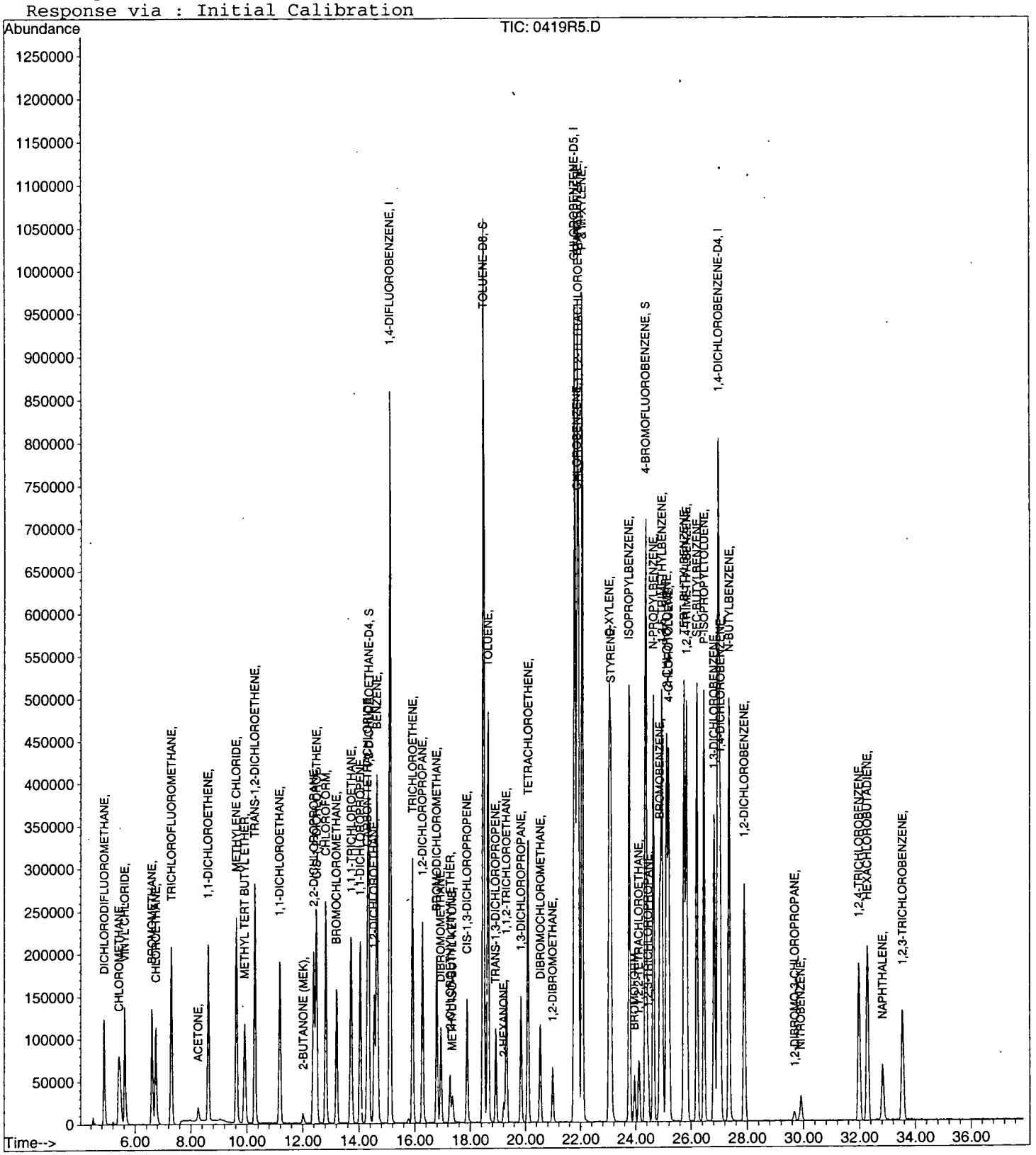
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	23.04	91	669454	5.05 ug/L	93
50)	STYRENE	23.09	104	413484	4.71 ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	88746	3.66 ug/L	98
53)	BROMOFORM	23.96	173	56740	4.26 ug/L	96
54)	ISOPROPYLBENZENE	23.75	105	727427	5.46 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.45	110	30489	4.73 ug/L	84
56)	N-PROPYLBENZENE	24.64	91	929263	5.37 ug/L	97
57)	BROMOBENZENE	24.87	156	175981	5.03 ug/L	92
58)	1,3,5-TRIMETHYLBENZENE	24.94	105	672105	5.69 ug/L	97
59)	2-CHLOROTOLUENE	25.11	91	658699	5.53 ug/L	93
60)	4-CHLOROTOLUENE	25.18	91	606451	5.92 ug/L	95
61)	TERT-BUTYLBENZENE	25.74	119	576687	5.35 ug/L	89
62)	1,2,4-TRIMETHYLBENZENE	25.83	105	684938	5.54 ug/L	96
63)	SEC-BUTYLBENZENE	26.20	105	794054	5.37 ug/L	97
64)	P-ISOPROPYLTOLUENE	26.46	119	653441	5.65 ug/L	95
65)	1,3-DICHLOROBENZENE	26.82	146	338076	5.06 ug/L	96
66)	1,4-DICHLOROBENZENE	27.04	146	335083	4.85 ug/L	97
67)	N-BUTYLBENZENE	27.34	91	679576	5.79 ug/L	98
68)	1,2-DICHLOROBENZENE	27.89	146	270036	4.73 ug/L	96
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.69	157	11165	3.24 ug/L	87
70)	1,2,4-TRICHLOROBENZENE	31.97	180	171933	4.76 ug/L	96
71)	HEXACHLOROBUTADIENE	32.28	225	127577	6.52 ug/L	97
72)	NAPHTHALENE	32.82	128	160867	3.63 ug/L	97
73)	1,2,3-TRICHLOROBENZENE	33.54	180	134934	4.78 ug/L	91
74)	NITROBENZENE	29.90	77	49192	61.19 ug/L	84

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\0419R5.D Vial: 3
Acq On : 19 Apr 2002 2:05 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 14:43 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\0419RA.D Vial: 4
Acq On : 19 Apr 2002 3:33 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 23 14:34 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Apr 23 14:34:15 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1183835	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.79	117	1063135	5.00	ug/L	0.09
52) 1,4-DICHLOROBENZENE-D4	26.99	152	506947	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	506405	5.19	ug/L	0.07
Spiked Amount 5.000			Recovery =	103.80%		
3) 4-BROMOFLUOROBENZENE	24.38	174	416352	4.35	ug/L	0.09
Spiked Amount 5.000			Recovery =	87.00%		
25) TOLUENE-D8	18.49	98	1416352	5.50	ug/L	0.09
Spiked Amount 5.000			Recovery =	110.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	162805	4.16	ug/L	98
5) CHLOROMETHANE	5.42	50	254336	5.44	ug/L	97
6) VINYL CHLORIDE	5.64	62	192155	6.42	ug/L	99
7) BROMOMETHANE	6.61	94	145572	5.18	ug/L	98
8) CHLOROETHANE	6.74	64	158133	5.45	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.31	101	288150	5.07	ug/L	95
12) ACETONE	8.28	43	51136	6.38	ug/L	97
13) 1,1-DICHLOROETHENE	8.63	61	339682	4.80	ug/L	92
14) METHYLENE CHLORIDE	9.64	49	339885	5.41	ug/L	93
15) METHYL TERT BUTYL ETHER	9.93	73	247464	3.90	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.30	61	376928	5.31	ug/L	93
17) 1,1-DICHLOROETHANE	11.19	63	426392	5.24	ug/L	99
18) 2-BUTANONE (MEK)	12.02	43	37080	4.26	ug/L	95
19) 2,2-DICHLOROPROPANE	12.41	77	315051	4.92	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.50	96	230036	4.81	ug/L	89
21) CHLOROFORM	12.84	83	441200	5.01	ug/L	98
22) BROMOCHLOROMETHANE	13.21	49	180432	4.94	ug/L	80
23) 1,2-DICHLOROETHANE	14.56	62	306678	5.04	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	336454	5.60	ug/L	97
27) 1,1-DICHLOROPROPENE	14.06	75	328322	5.95	ug/L	96
28) CARBON TETRACHLORIDE	14.32	117	287636	5.56	ug/L	99
29) BENZENE	14.66	78	803011	5.84	ug/L	99
30) TRICHLOROETHENE	15.94	95	244297	5.68	ug/L	98
31) 1,2-DICHLOROPROPANE	16.29	63	204035	5.68	ug/L	99
32) DIBROMOMETHANE	16.96	174	90865	4.46	ug/L	93
33) BROMODICHLOROMETHANE	16.81	83	291740	5.37	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.30	63	52561	3.85	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.37	58	22525	3.67	ug/L	69
36) CIS-1,3-DICHLOROPROPENE	17.89	75	255196	4.90	ug/L	97
37) TOLUENE	18.66	91	838335	5.69	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.93	75	187202	4.87	ug/L	95
39) 1,1,2-TRICHLOROETHANE	19.32	97	112361	4.62	ug/L	97
40) TETRACHLOROETHENE	20.11	166	236883	5.43	ug/L	98
41) 1,3-DICHLOROPROPANE	19.85	76	220024	4.91	ug/L	98
42) DIBROMOCHLOROMETHANE	20.55	129	139485	4.44	ug/L	97
43) 1,2-DIBROMOETHANE	20.99	107	110366	4.45	ug/L	99
44) CHLOROBENZENE	21.88	112	523097	5.27	ug/L	92
45) 1,1,1,2-TETRACHLOROETHANE	21.93	131	180028	5.14	ug/L	96
46) 2-HEXANONE	19.22	43	46970	4.14	ug/L	92
47) ETHYLBENZENE	21.91	91	1021634	5.96	ug/L	98
48) P & M-XYLENE	22.07	106	655892	11.23	ug/L	89

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\0419RA.D Vial: 4
Acq On : 19 Apr 2002 3:33 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 23 14:34 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Apr 23 14:34:15 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

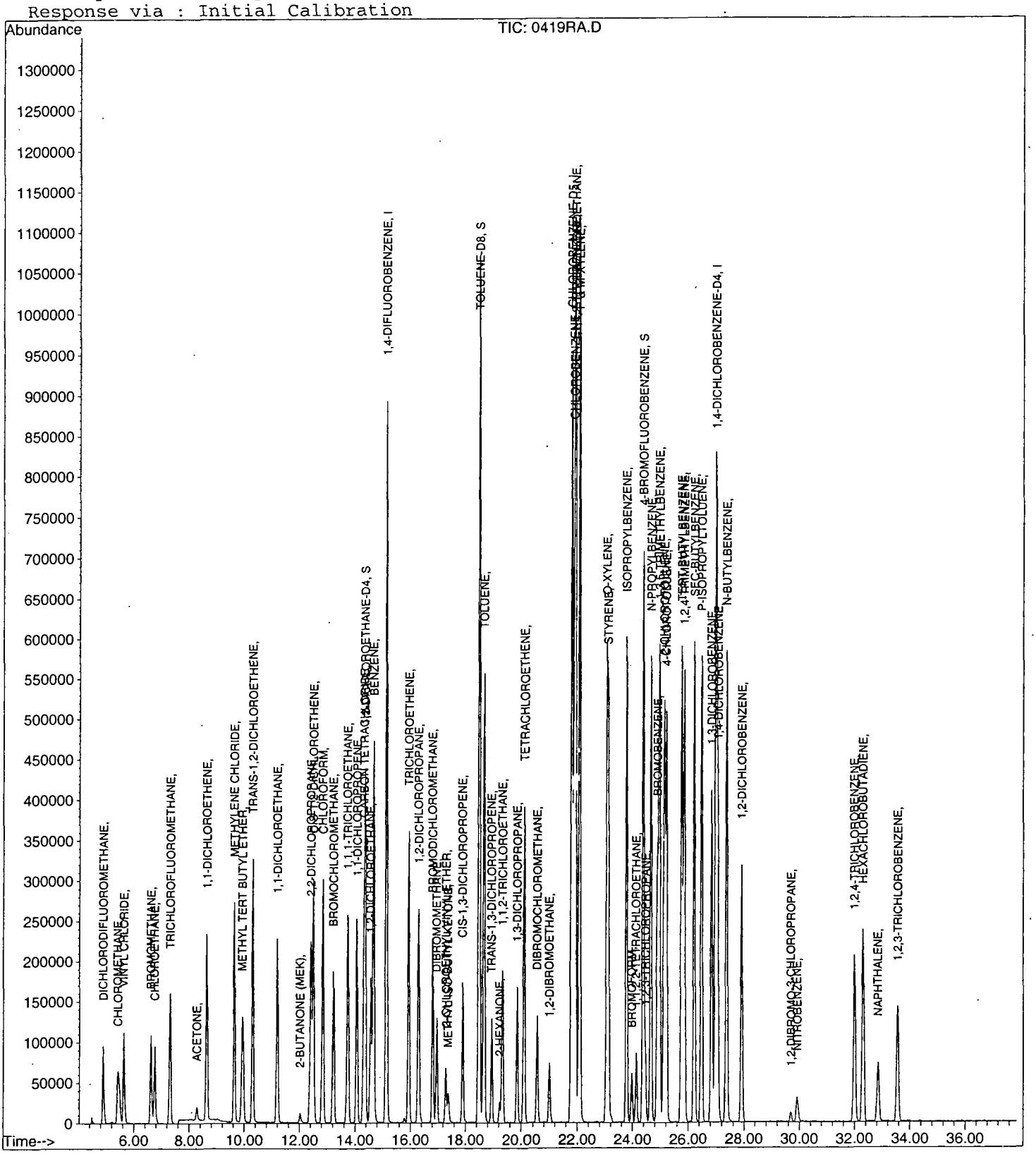
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.05	91	773677	5.75	ug/L	96
50)	STYRENE	23.10	104	479945	5.38	ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.13	83	101919	4.14	ug/L	100
53)	BROMOFORM	23.97	173	62816	4.64	ug/L	99
54)	ISOPROPYLBENZENE	23.77	105	854638	6.31	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.47	110	33544	5.12	ug/L	80
56)	N-PROPYLBENZENE	24.65	91	1087107	6.18	ug/L	96
57)	BROMOBENZENE	24.89	156	197547	5.55	ug/L	92
58)	1,3,5-TRIMETHYLBENZENE	24.96	105	785823	6.54	ug/L	97
59)	2-CHLOROTOLUENE	25.13	91	764611	6.32	ug/L	94
60)	4-CHLOROTOLUENE	25.20	91	693155	6.65	ug/L	95
61)	TERT-BUTYLBENZENE	25.76	119	670547	6.12	ug/L	92
62)	1,2,4-TRIMETHYLBENZENE	25.85	105	787153	6.27	ug/L	96
63)	SEC-BUTYLBENZENE	26.22	105	933357	6.20	ug/L	97
64)	P-ISOPROPYLTOLUENE	26.48	119	747848	6.37	ug/L	95
65)	1,3-DICHLOROBENZENE	26.83	146	385900	5.68	ug/L	97
66)	1,4-DICHLOROBENZENE	27.05	146	383329	5.46	ug/L	98
67)	N-BUTYLBENZENE	27.36	91	795270	6.66	ug/L	99
68)	1,2-DICHLOROBENZENE	27.91	146	304320	5.24	ug/L	92
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.69	157	12130	3.50	ug/L	80
70)	1,2,4-TRICHLOROBENZENE	31.99	180	193138	5.26	ug/L	96
71)	HEXACHLOROBUTADIENE	32.30	225	147165	7.40	ug/L	99
72)	NAPHTHALENE	32.84	128	177290	3.94	ug/L	96
73)	1,2,3-TRICHLOROBENZENE	33.56	180	150115	5.23	ug/L	96
74)	NITROBENZENE	29.91	77	53057	64.92	ug/L	85

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\0419RA.D Vial: 4
Acq On : 19 Apr 2002 3:33 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 23 14:34 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Apr 23 14:34:15 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 11:07:45

Sample: AE09091
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/22/02 00:52 Ended: 4/22/02 00:52 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.50
2	Surr - 4-BROMOFLUOROBENZ		0.70
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.40
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 11:07:45

Sample: AE09091
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/22/02 00:52 Ended: 4/22/02 00:52 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result
49	N-PROPYLBENZENE		< MDL
50	BROMOBENZENE		< MDL
51	1,3,5-TRIMETHYLBENZENE		< MDL
52	2-CHLOROTOLUENE		< MDL
53	4-CHLOROTOLUENE		< MDL
54	TERT-BUTYLBENZENE		< MDL
55	1,2,4-TRIMETHYLBENZENE		< MDL
56	SEC-BUTYLBENZENE		< MDL
57	P-ISOPROPYLTOLUENE		< MDL
58	1,3-DICHLOROBENZENE		< MDL
59	1,4-DICHLOROBENZENE		0.0
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPRO		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 11:06:01

Sample: AE09091
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/19/02 10:56 Ended: 4/19/02 10:56 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.4		.5
2	Surr - 4-BROMOFLUOROBENZ		5.7		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.7		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 11:06:01

Sample: AE09091
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/19/02 10:56 Ended: 4/19/02 10:56 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		1.9		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\9091D.D Vial: 7
Acq On : 19 Apr 2002 5:55 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 18:33 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

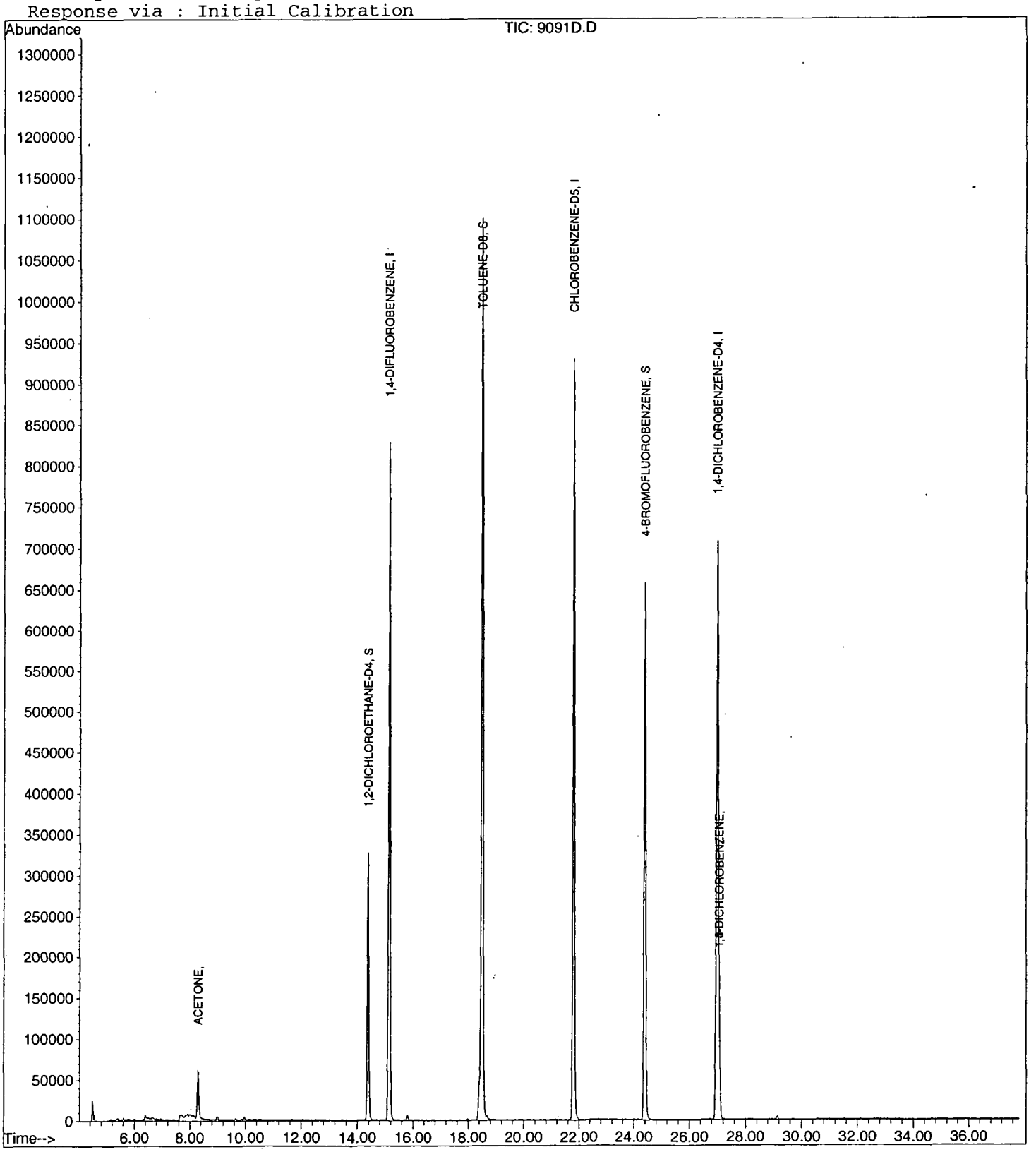
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1112026	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.79	117	1010860	5.00	ug/L	0.09
52) 1,4-DICHLOROBENZENE-D4	26.99	152	432425	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	491698	5.37	ug/L	0.09
Spiked Amount 5.000			Recovery	= 107.40%		
3) 4-BROMOFLUOROBENZENE	24.38	174	361042	4.02	ug/L	0.09
Spiked Amount 5.000			Recovery	= 80.40%		
25) TOLUENE-D8	18.49	98	1399043	5.71	ug/L	0.09
Spiked Amount 5.000			Recovery	= 114.20%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	182185	24.22	ug/L	99
65) 1,3-DICHLOROBENZENE	27.05	146	115464	~~1.99~~	~~ug/L~~	97
66) 1,4-DICHLOROBENZENE	27.05	146	115469	1.93	ug/L	96

(#) = qualifier out of range (m) = manual integration
9091D.D HP031802.M Fri Apr 19 18:33:45 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\9091D.D Vial: 7
Acq On : 19 Apr 2002 5:55 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 18:33 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02apr19\9091D.D Vial: 7
Acq On : 19 Apr 2002 5:55 pm Operator: 201-wb
Sample : nyc dup Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

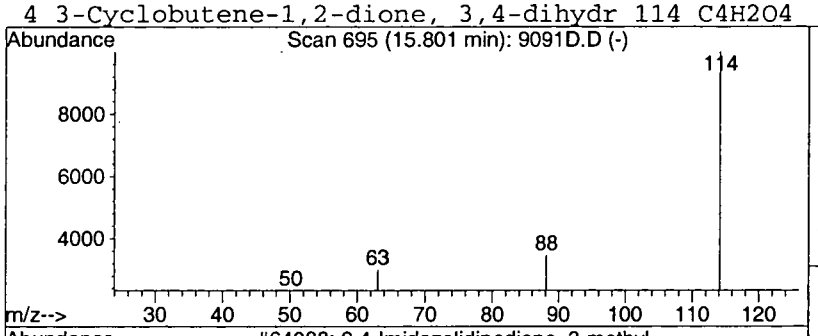
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

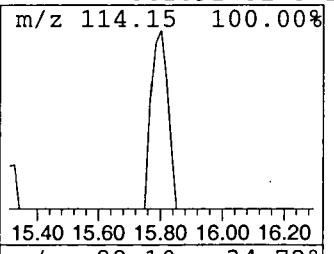
****

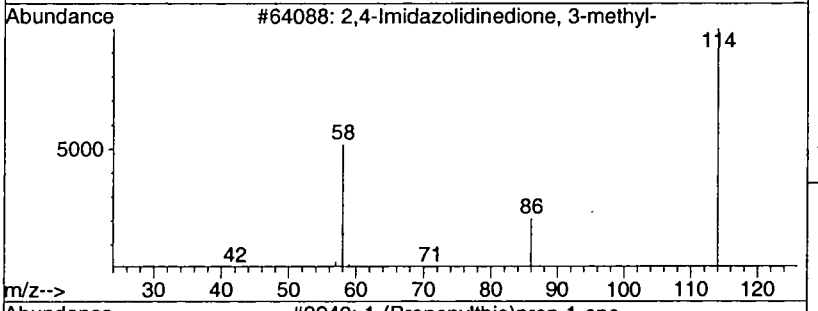
Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 1

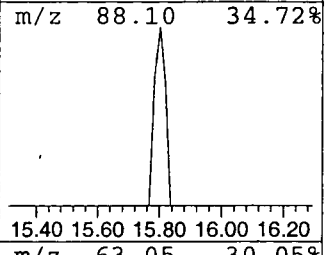
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	18748	1,4-DIFLUOROBENZENE	15.14

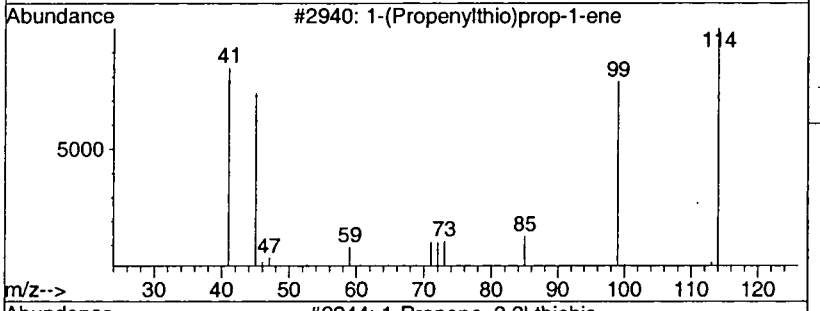
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

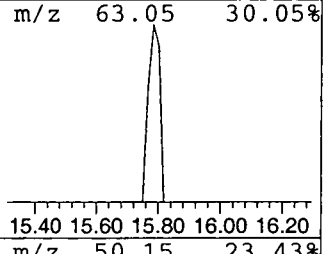


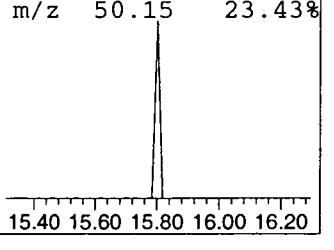


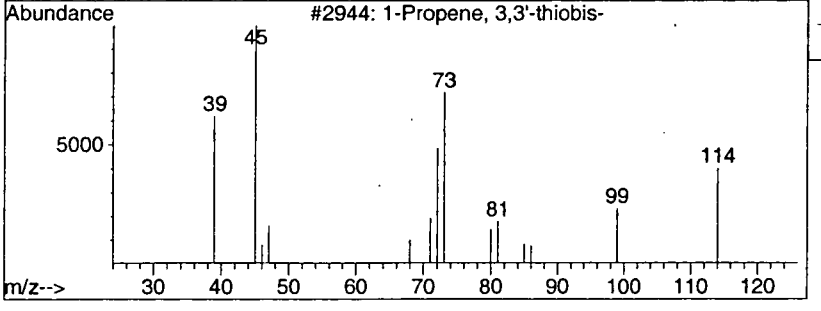












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:21:45

Sample: AE08949
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/19/02 00:06 Ended: 4/19/02 00:06 Analyst: BH
Result source: a:\8949.rr
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.8		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.7		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-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 4/26/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:21:45

Sample: AE08949
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/19/02 00:06 Ended: 4/19/02 00:06 Analyst: BH
Result source: a:\8949.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\8949.D Vial: 8
Acq On : 19 Apr 2002 6:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 19:16 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	899240	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.79	117	774390	5.00	ug/L	0.09
52) 1,4-DICHLOROBENZENE-D4	26.99	152	333768	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	409108	5.52	ug/L	0.09
Spiked Amount 5.000			Recovery	= 110.40%		
3) 4-BROMOFLUOROBENZENE	24.38	174	273244	3.76	ug/L	0.09
Spiked Amount 5.000			Recovery	= 75.20%		
25) TOLUENE-D8	18.49	98	1069597	5.70	ug/L	0.09
Spiked Amount 5.000			Recovery	= 114.00%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	46667	7.67	ug/L	98
46) 2-HEXANONE	19.29	43	682	0.08	ug/L	27
65) 1,3-DICHLOROBENZENE	27.05	146	6452	~~0.14 ug/L~~		92
66) 1,4-DICHLOROBENZENE	27.05	146	6452	~~0.14~~ ug/L		92

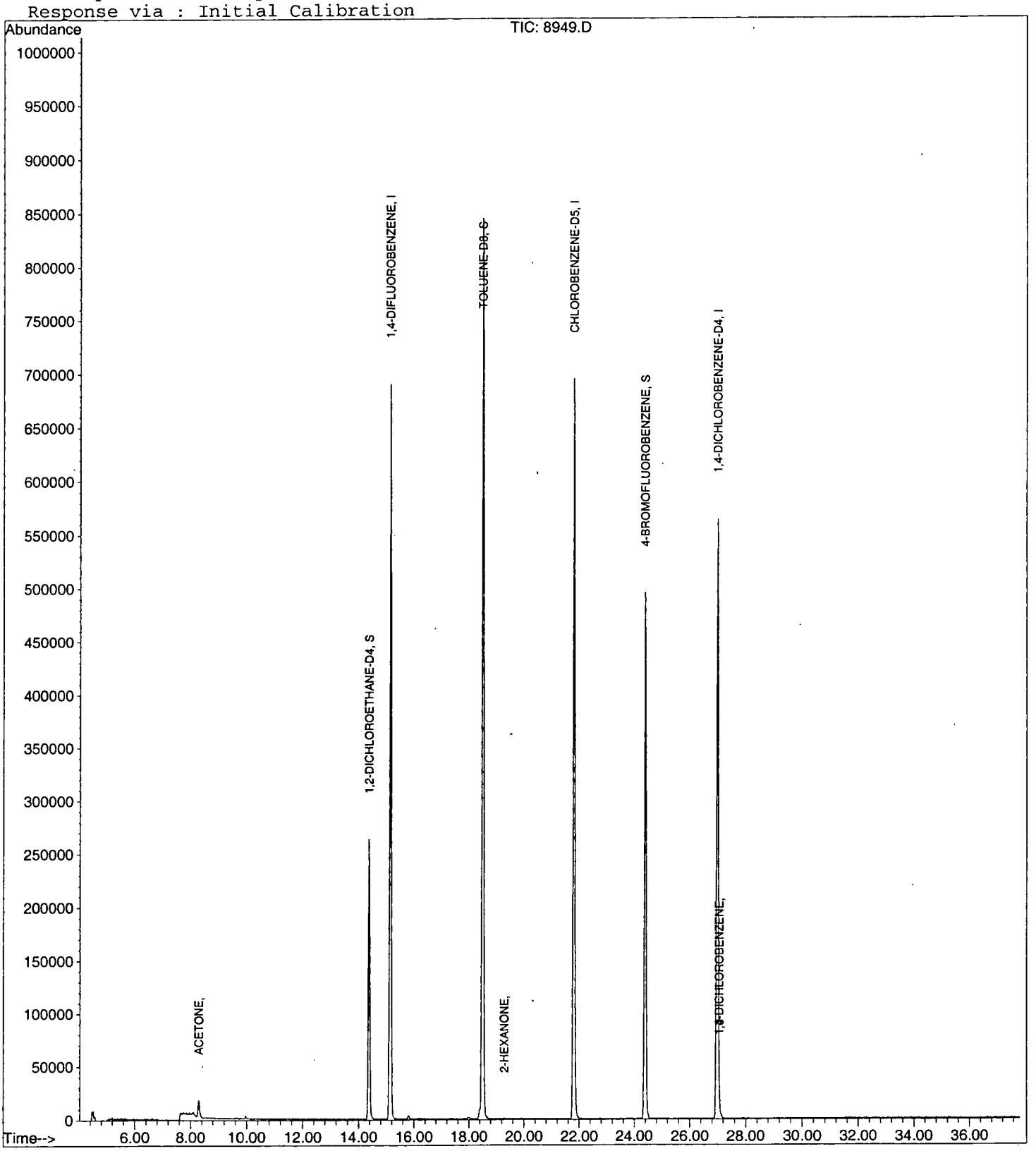
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\8949.D
Acq On : 19 Apr 2002 6:38 pm
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 19 19:16 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\8949.D Vial: 8
Acq On : 19 Apr 2002 6:38 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

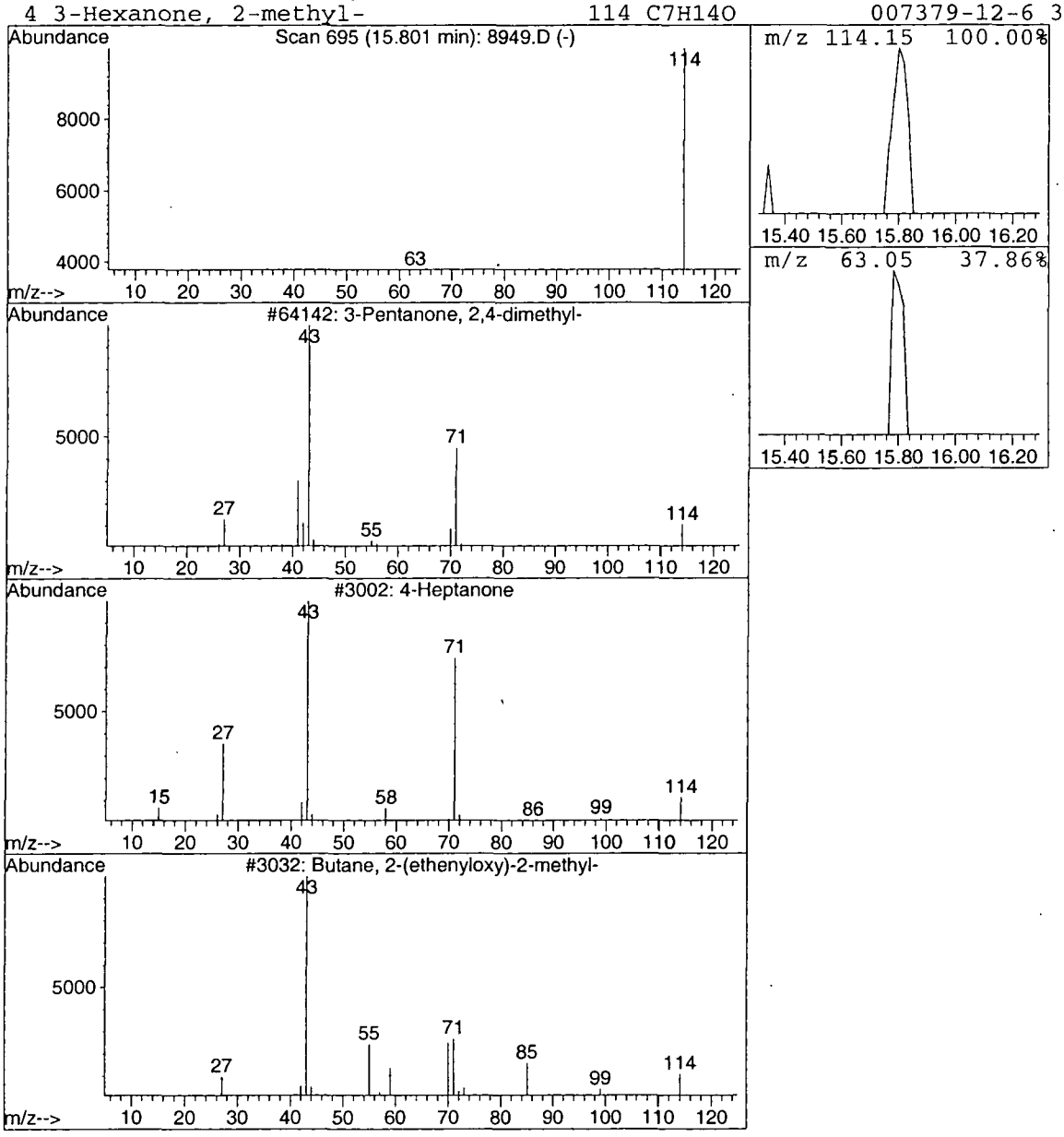
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.02 ug/L	11706	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	4-Heptanone	114	C7H14O	000123-19-3	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: 04/23/2002 Time: 14:22:24

Sample: AE08950
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/19/02 00:07 Ended: 4/19/02 00:07 Analyst: BH
Result source: a:\8950.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.7		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.6		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/26/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:22:24

Sample: AE08950
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/19/02 00:07 Ended: 4/19/02 00:07 Analyst: BH
Result source: a:\8950.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\8950.D Vial: 9
Acq On : 19 Apr 2002 7:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 19:59 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	961627	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.81	117	854196	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	26.99	152	355350	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	445465	5.62	ug/L	0.09
Spiked Amount 5.000			Recovery	=	112.40%	
3) 4-BROMOFLUOROBENZENE	24.40	174	285386	3.67	ug/L	0.10
Spiked Amount 5.000			Recovery	=	73.40%	
25) TOLUENE-D8	18.49	98	1164413	5.63	ug/L	0.09
Spiked Amount 5.000			Recovery	=	112.60%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	33398	5.13	ug/L	99

(#) = qualifier out of range (m) = manual integration
8950.D HP031802.M Fri Apr 19 19:59:50 2002 Page 1

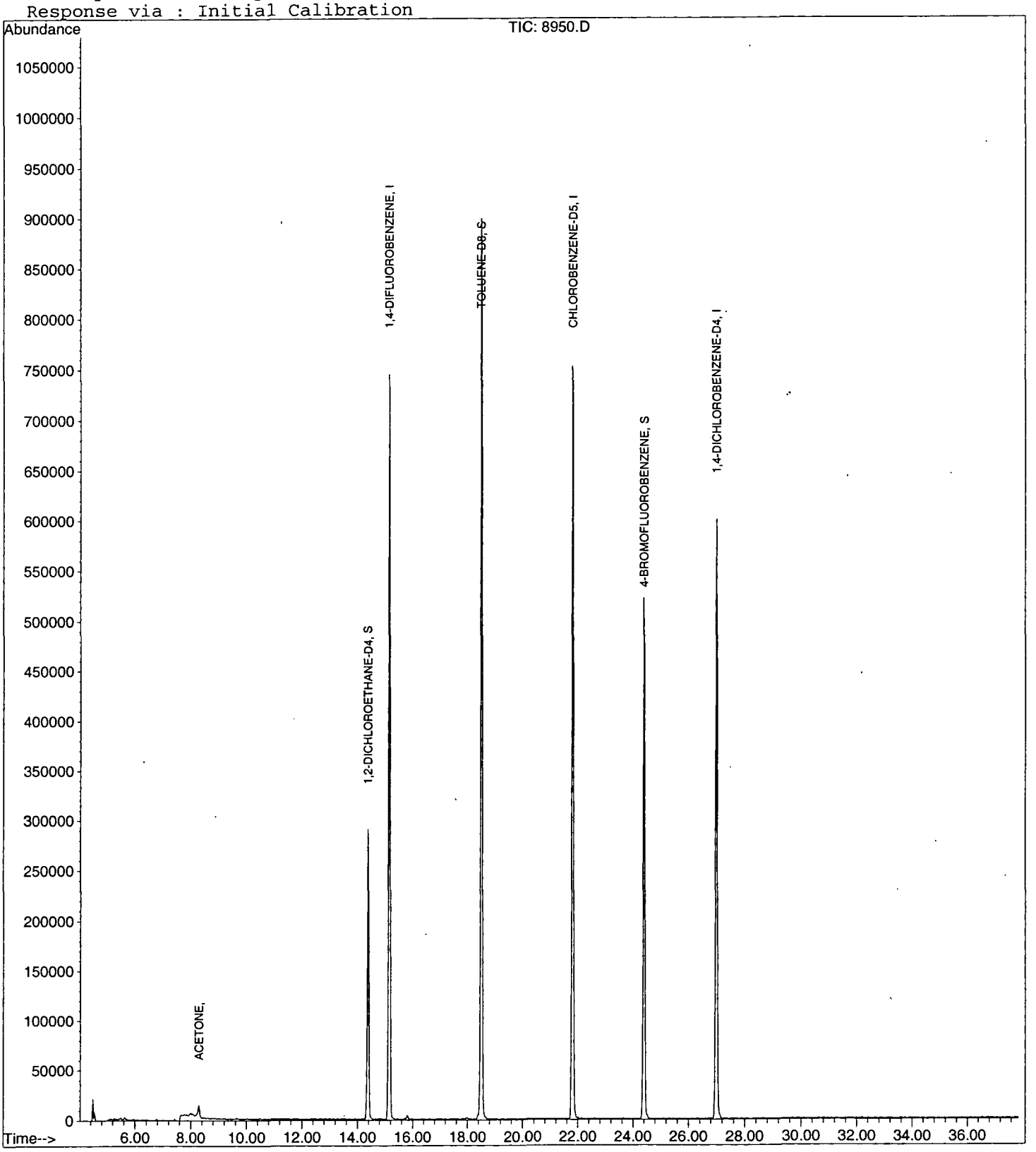
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\8950.D
Acq On : 19 Apr 2002 7:21 pm
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 19 19:59 2002

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

Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\8950.D Vial: 9
Acq On : 19 Apr 2002 7:21 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

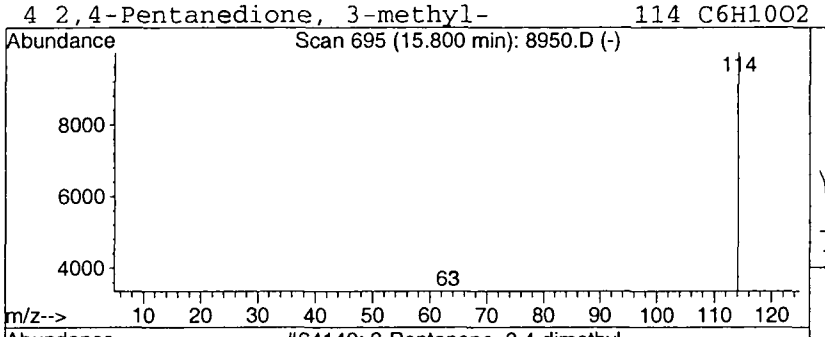
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

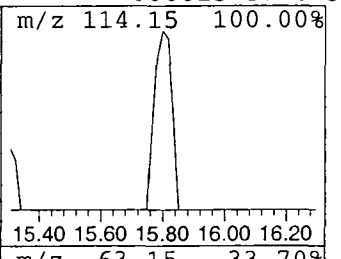
****

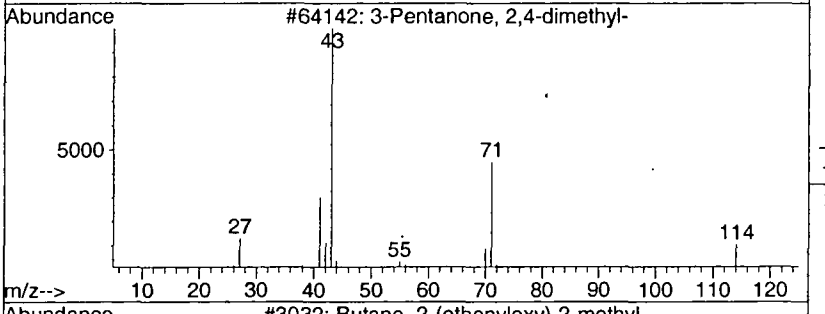
Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 2

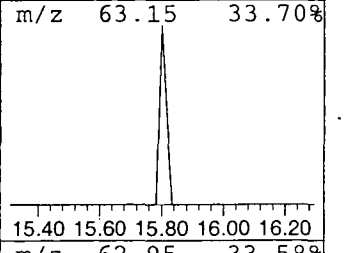
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.02 ug/L	13402	1,4-DIFLUOROBENZENE	15.14

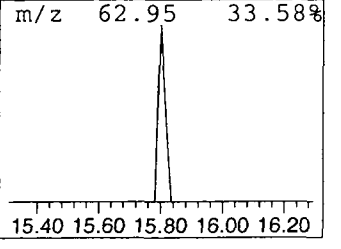
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	3

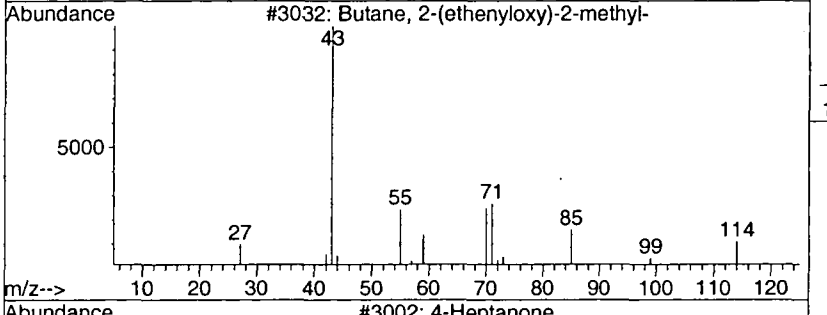


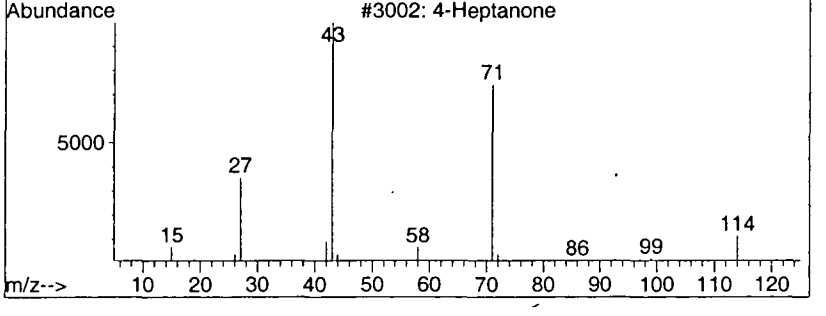












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:38:32

Sample: AE08951
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: a:\8951.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.8		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.6		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/26/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:38:32

Sample: AE08951
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: a:\8951.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\8951.D Vial: 11
Acq On : 19 Apr 2002 8:03 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 20:42 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

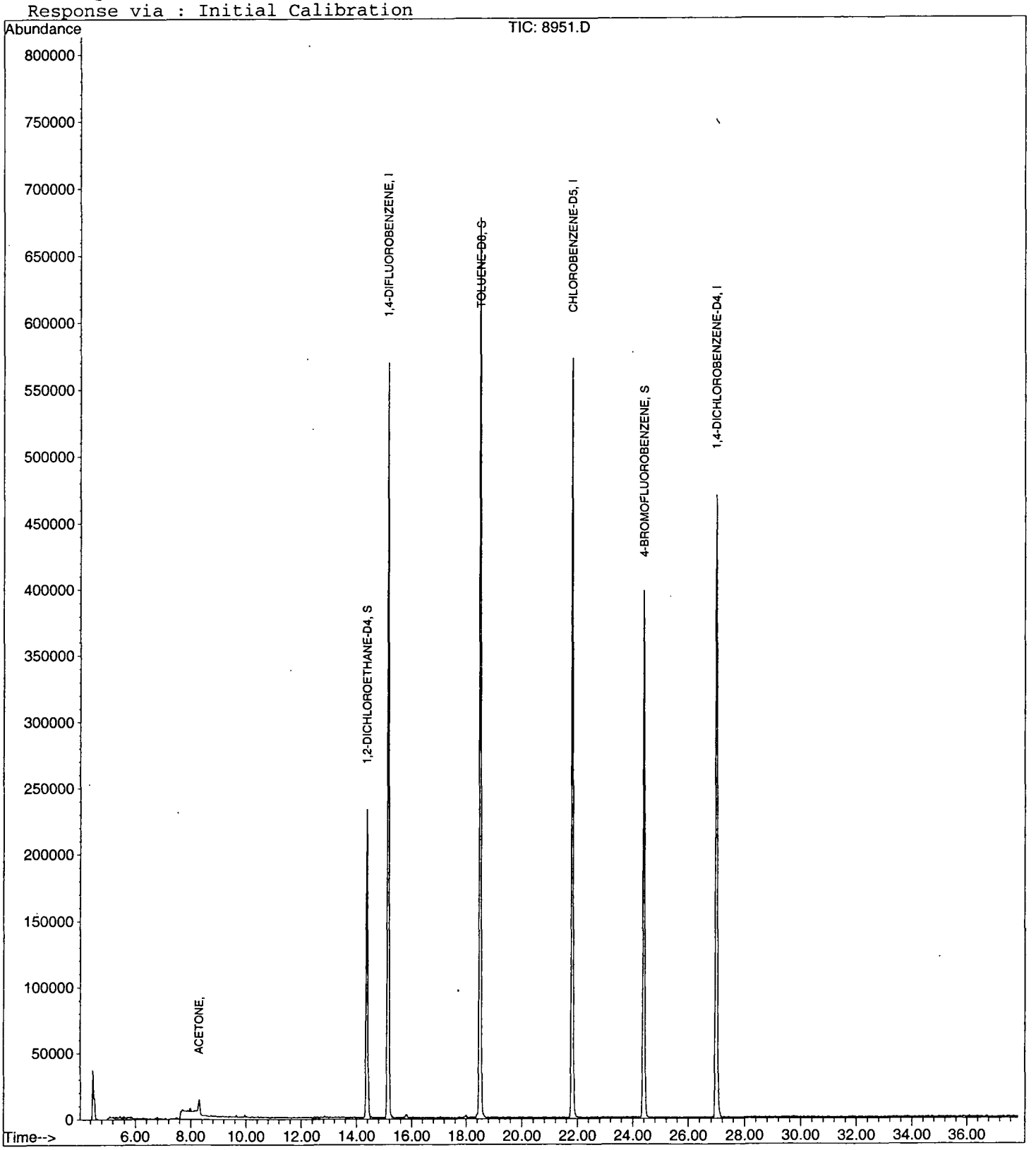
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	718341	5.00	ug/L	0.09
24) CHLOROBENZENE-D5.	21.81	117	639596	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	26.99	152	273315	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	374806	6.33	ug/L	0.09
Spiked Amount 5.000			Recovery =	126.60%		
3) 4-BROMOFLUOROBENZENE	24.40	174	219363	3.78	ug/L	0.10
Spiked Amount 5.000			Recovery =	75.60%		
25) TOLUENE-D8	18.51	98	874313	5.64	ug/L	0.10
Spiked Amount 5.000			Recovery =	112.80%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	32353	6.66	ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\8951.D Vial: 11
Acq On : 19 Apr 2002 8:03 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 20:42 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02apr19\8951.D Vial: 11
Acq On : 19 Apr 2002 8:03 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

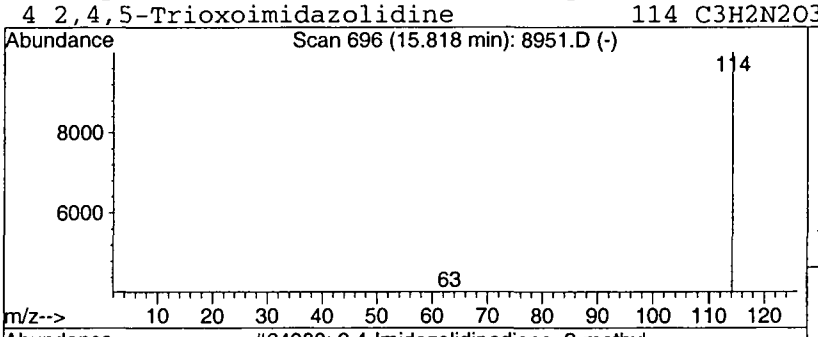
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

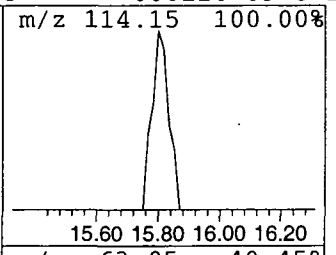
****

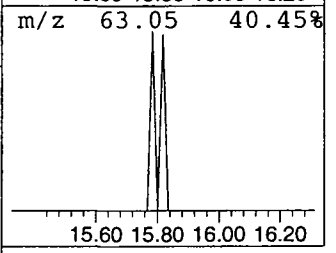
Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 1

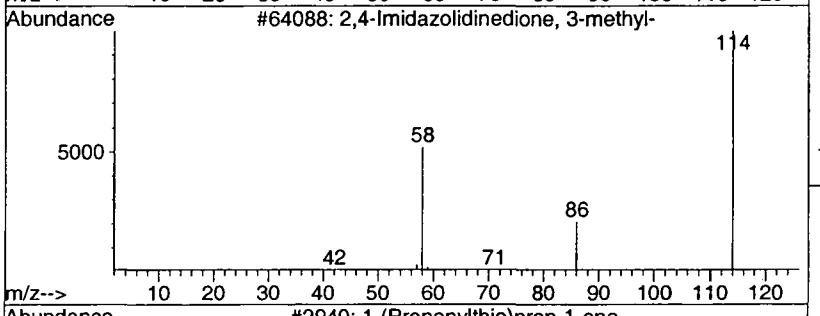
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.03 ug/L	11454	1,4-DIFLUOROBENZENE	15.14

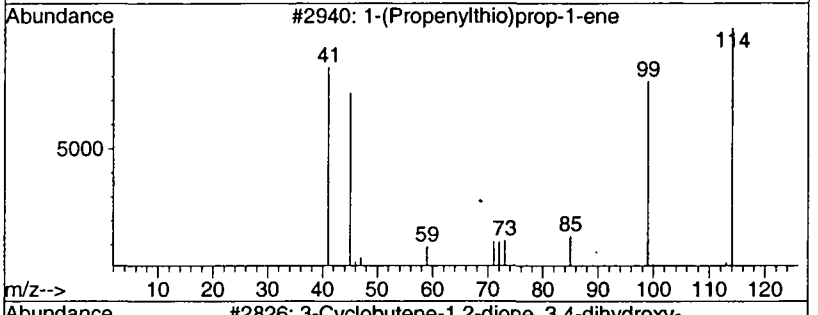
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

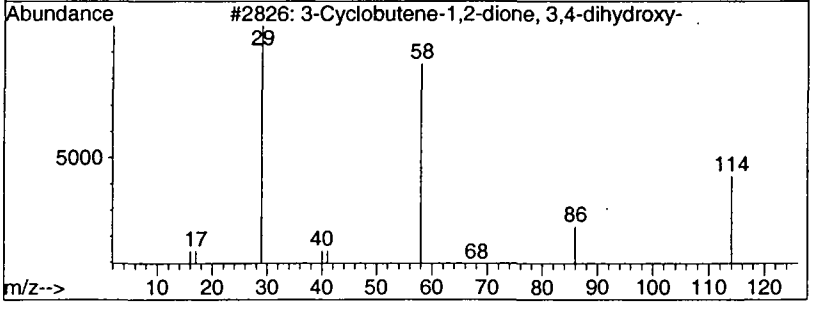












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:38:08

Sample: AE08951
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: a:\8951d.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.6		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:38:08

Sample: AE08951
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: a:\8951d.rr
Page: 2

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:38:21

Sample: AE08951
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.50
2	Surr - 4-BROMOFLUOROBENZ		0.10
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.0
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:38:21

Sample: AE08951
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/19/02 00:08 Ended: 4/19/02 00:08 Analyst: BH
Result source: calculation
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\8951D.D Vial: 11
Acq On : 19 Apr 2002 8:46 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 21:24 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1142392	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.81	117	1011169	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	26.99	152	430920	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	543107	5.77	ug/L	0.10
Spiked Amount 5.000			Recovery	=	115.40%	
3) 4-BROMOFLUOROBENZENE	24.40	174	361450	3.91	ug/L	0.10
Spiked Amount 5.000			Recovery	=	78.20%	
25) TOLUENE-D8	18.51	98	1378733	5.63	ug/L	0.10
Spiked Amount 5.000			Recovery	=	112.60%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	36436	4.71	ug/L	91

(#) = qualifier out of range (m) = manual integration
8951D.D HP031802.M Fri Apr 19 21:24:49 2002 Page 1

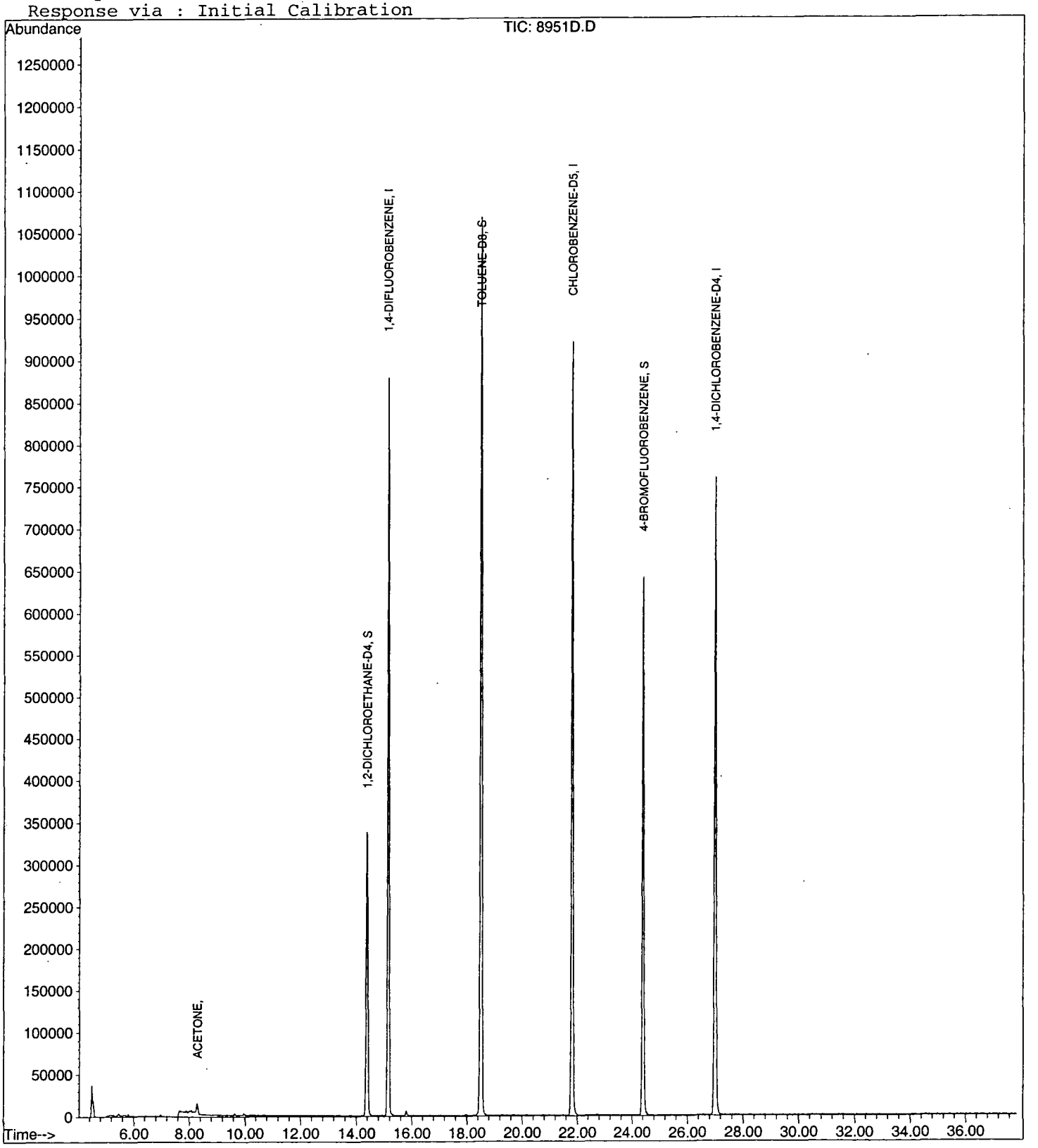
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\8951D.D
Acq On : 19 Apr 2002 8:46 pm
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 19 21:24 2002

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

Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02apr19\8951D.D Vial: 11
Acq On : 19 Apr 2002 8:46 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

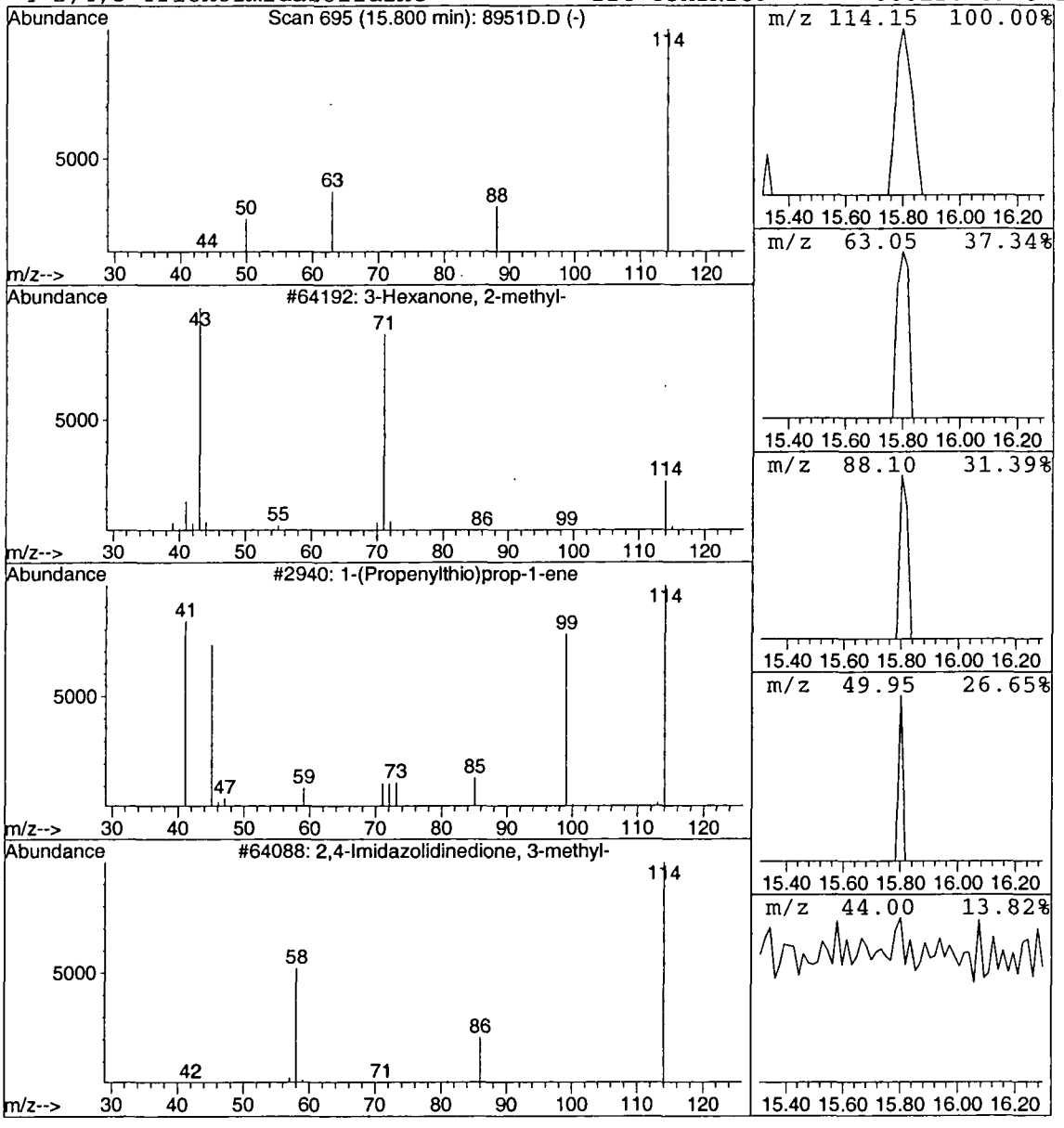
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	17643	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:23:40

Sample: AE08951
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/19/02 00:09 Ended: 4/19/02 00:09 Analyst: BH
Result source: a:\0419c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.5		.5
3	Dichlorodifluoromethane		7.6		.5
4	Chloromethane		9.6		.5
5	Vinyl chloride		11		.5
6	Bromomethane		8.9		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		9.1		.5
9	1,1-Dichloroethene		12		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether (MTBE)		9.0		1.0
12	trans-1,2-dichloroethene		12		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		39		2.0
15	2,2-dichloropropane		9.7		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.5		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		12		.5
23	Carbon tetrachloride		11		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		12		.5
27	Dibromomethane		9.4		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		44		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		9.8		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		9.6		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		21		.5
41	O-xylene		11		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		9.5		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		12		.5
47	N-propylbenzene		12		.5
48	Bromobenzene		11		.5

REVIEWED BY _____
DATE _____

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:23:40

Sample: AE08951
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/19/02 00:09 Ended: 4/19/02 00:09 Analyst: BH
Result source: a:\0419c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		12		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		12		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		12		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		12		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		13		.5
62	Naphthalene		8.7		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10A.D Vial: 2
Acq On : 19 Apr 2002 9:29 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 22:07 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1146069	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.81	117	1068189	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	26.99	152	513538	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	572986	6.07	ug/L	0.10
Spiked Amount 5.000			Recovery =	121.40%		
3) 4-BROMOFLUOROBENZENE	24.40	174	420723	4.54	ug/L	0.10
Spiked Amount 5.000			Recovery =	90.80%		
25) TOLUENE-D8	18.51	98	1424589	5.51	ug/L	0.10
Spiked Amount 5.000			Recovery =	110.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	288531	7.62	ug/L	97
5) CHLOROMETHANE	5.47	50	432420	9.56	ug/L	98
6) VINYL CHLORIDE	5.61	62	309463	10.68	ug/L	99
7) BROMOMETHANE	6.60	94	243363	8.94	ug/L	96
8) CHLOROETHANE	6.75	64	300395	10.69	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.30	101	487690	9.10	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	8.22	101	8904	0.35	ug/L	87
12) ACETONE	8.28	43	298696	38.52	ug/L	100
13) 1,1-DICHLOROETHENE	8.63	61	823348	12.02	ug/L	93
14) METHYLENE CHLORIDE	9.64	49	742567	12.20	ug/L	89
15) METHYL TERT BUTYL ETHER	9.94	73	551671	8.97	ug/L	92
16) TRANS-1,2-DICHLOROETHENE	10.30	61	846736	12.31	ug/L	84
17) 1,1-DICHLOROETHANE	11.20	63	903640	11.46	ug/L	99
18) 2-BUTANONE (MEK)	12.04	43	329149	39.05	ug/L	96
19) 2,2-DICHLOROPROPANE	12.43	77	603056	9.72	ug/L	93
20) CIS-1,2-DICHLOROETHENE	12.51	96	462302	9.98	ug/L	87
21) CHLOROFORM	12.86	83	915166	10.73	ug/L	99
22) BROMOCHLOROMETHANE	13.23	49	399658	11.29	ug/L	79
23) 1,2-DICHLOROETHANE	14.57	62	675275	11.46	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.74	97	664526	11.01	ug/L	99
27) 1,1-DICHLOROPROPENE	14.06	75	669572	12.07	ug/L	91
28) CARBON TETRACHLORIDE	14.34	117	579247	11.15	ug/L	100
29) BENZENE	14.68	78	1576639	11.41	ug/L	98
30) TRICHLOROETHENE	15.95	95	482697	11.18	ug/L	98
31) 1,2-DICHLOROPROPANE	16.31	63	423914	11.75	ug/L	98
32) DIBROMOMETHANE	16.98	174	191788	9.38	ug/L	84
33) BROMODICHLOROMETHANE	16.82	83	598693	10.96	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.30	63	150186	9.67	ug/L	88
35) METHYL ISO-BUTYL KETONE	17.38	58	269091	43.68	ug/L	82
36) CIS-1,3-DICHLOROPROPENE	17.91	75	555311	10.61	ug/L	97
37) TOLUENE	18.68	91	1611713	10.89	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.95	75	405653	10.51	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.34	97	240511	9.84	ug/L	97
40) TETRACHLOROETHENE	20.12	166	438968	10.02	ug/L	95
41) 1,3-DICHLOROPROPANE	19.87	76	485587	10.78	ug/L	99
42) DIBROMOCHLOROMETHANE	20.57	129	303013	9.60	ug/L	95
43) 1,2-DIBROMOETHANE	21.01	107	239483	9.61	ug/L	99
44) CHLOROBENZENE	21.90	112	1042433	10.45	ug/L	91
45) 1,1,1,2-TETRACHLOROETHANE	21.93	131	358824	10.19	ug/L	100
46) 2-HEXANONE	19.22	43	512433	44.94	ug/L	90
47) ETHYLBENZENE	21.93	91	1951354	11.34	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10A.D Vial: 2
Acq On : 19 Apr 2002 9:29 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 22:07 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

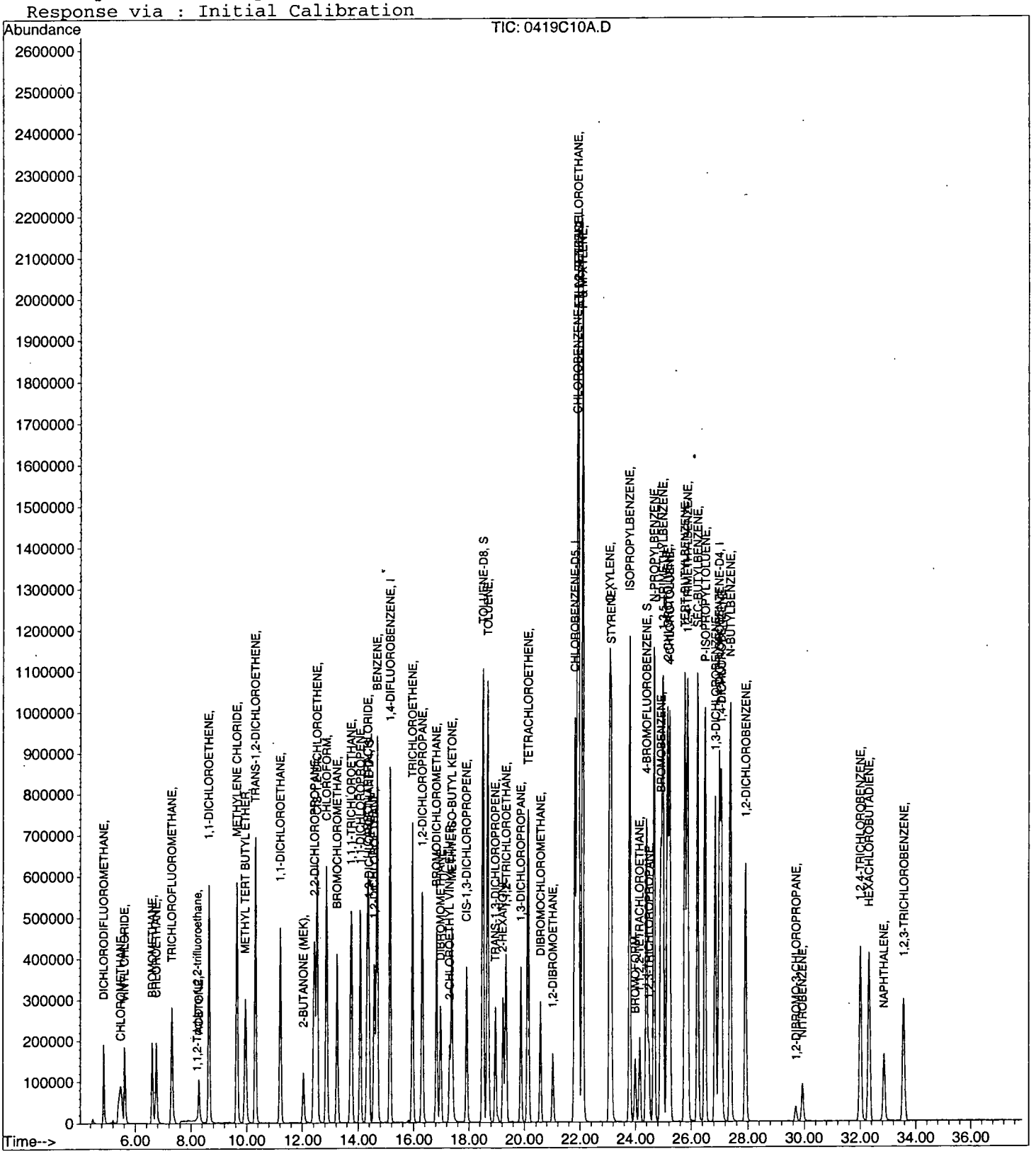
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.08	106	1227594	20.91 ug/L	83
49)	O-XYLENE	23.07	91	1510315	11.17 ug/L	95
50)	STYRENE	23.12	104	938504	10.46 ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.14	83	235662	9.53 ug/L	97
53)	BROMOFORM	23.99	173	145990	10.64 ug/L	99
54)	ISOPROPYLBENZENE	23.79	105	1630260	11.89 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.48	110	76820	11.58 ug/L	89
56)	N-PROPYLBENZENE	24.65	91	2103960	11.80 ug/L	94
57)	BROMOBENZENE	24.91	156	394322	10.94 ug/L	87
58)	1,3,5-TRIMETHYLBENZENE	24.98	105	1457975	11.99 ug/L	97
59)	2-CHLOROTOLUENE	25.15	91	1521215	12.41 ug/L	94
60)	4-CHLOROTOLUENE	25.22	91	1264566	11.99 ug/L	96
61)	TERT-BUTYLBENZENE	25.76	119	1248408	11.25 ug/L	87
62)	1,2,4-TRIMETHYLBENZENE	25.86	105	1499490	11.78 ug/L	96
63)	SEC-BUTYLBENZENE	26.22	105	1719696	11.28 ug/L	97
64)	P-ISOPROPYLTOLUENE	26.49	119	1313749	11.04 ug/L	95
65)	1,3-DICHLOROBENZENE	26.85	146	724657	10.54 ug/L	97
66)	1,4-DICHLOROBENZENE	27.05	146	732927	10.30 ug/L	98
67)	N-BUTYLBENZENE	27.38	91	1427128	11.80 ug/L	98
68)	1,2-DICHLOROBENZENE	27.92	146	611339	10.39 ug/L	96
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.71	157	27945	7.70 ug/L	93
70)	1,2,4-TRICHLOROBENZENE	32.01	180	387446	10.42 ug/L	96
71)	HEXACHLOROBUTADIENE	32.31	225	253885	12.59 ug/L	94
72)	NAPHTHALENE	32.86	128	396297	8.68 ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.57	180	299159	10.29 ug/L	96
74)	NITROBENZENE	29.93	77	134899	162.94 ug/L	87

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10A.D Vial: 2
Acq On : 19 Apr 2002 9:29 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 22:07 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419B2.D Vial: 3
Acq On : 19 Apr 2002 10:12 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 19 22:50 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.05
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.71
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.88
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

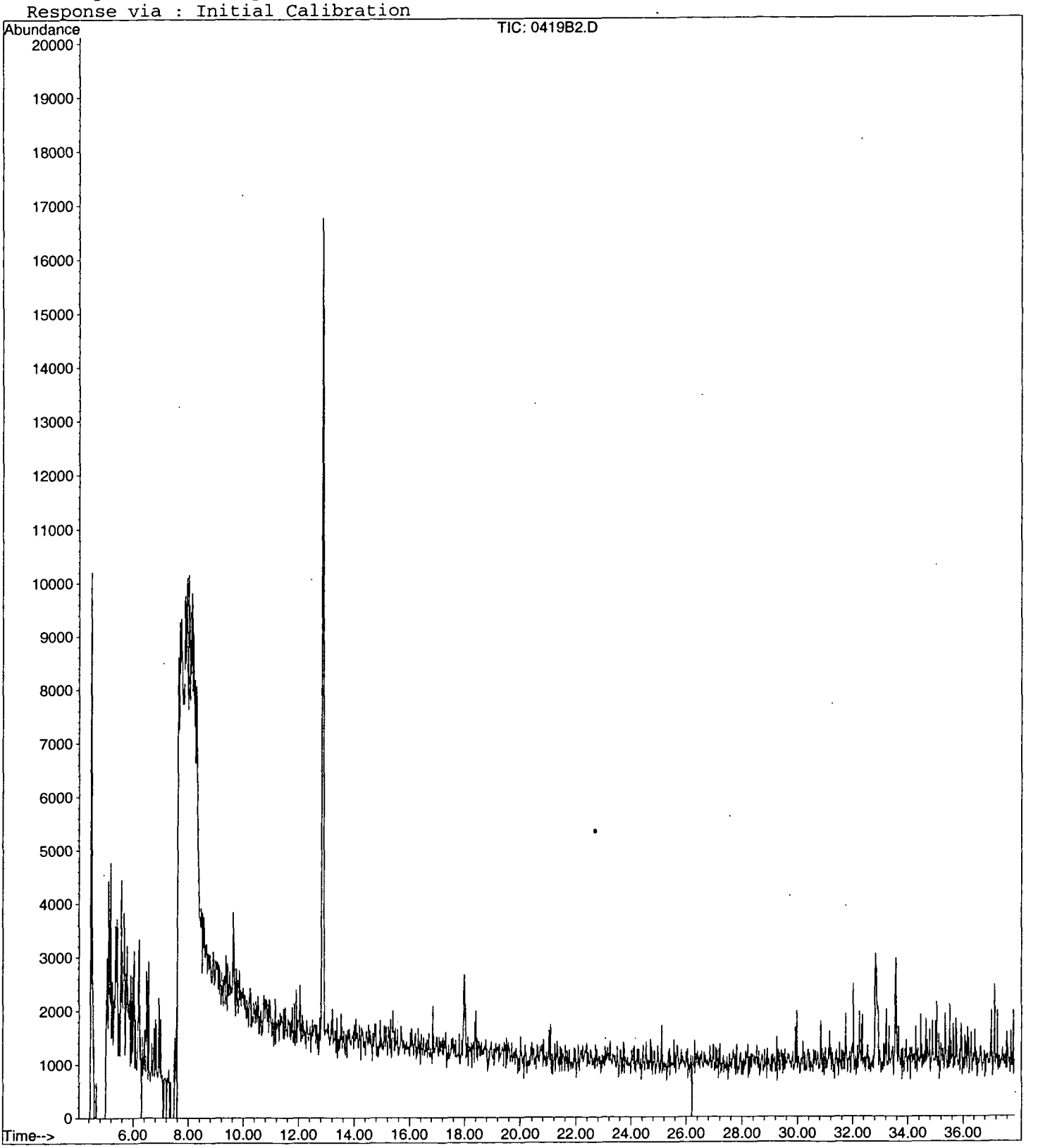
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\0419B2.D
Acq On : 19 Apr 2002 10:12 pm
Sample : 1b
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 19 22:50 2002

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:24:58

Sample: AE08951
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 4/19/02 00:00 Ended: 4/19/02 00:00 Analyst: BH
Result source: a:\8951f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.6		.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: 04/23/2002 Time: 14:24:58

Sample: AE08951
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 4/19/02 00:00 Ended: 4/19/02 00:00 Analyst: BH
Result source: a:\8951f.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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\8951F.D Vial: 4
Acq On : 19 Apr 2002 10:54 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:41 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

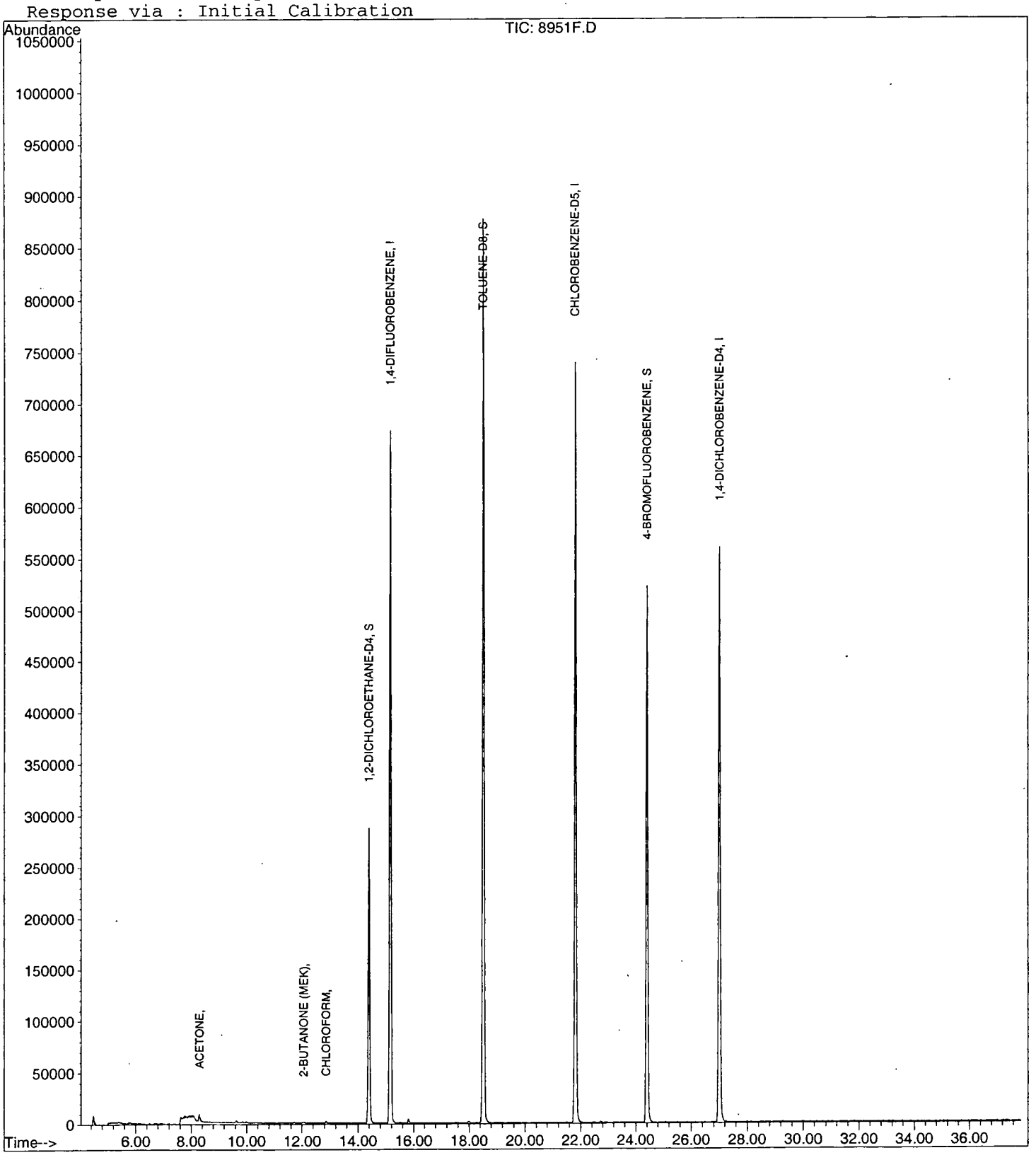
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	877185	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	791372	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	339736	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	442715	6.13	ug/L	0.10
Spiked Amount 5.000			Recovery	=	122.60%	
3) 4-BROMOFLUOROBENZENE	24.40	174	278552	3.93	ug/L	0.10
Spiked Amount 5.000			Recovery	=	78.60%	
25) TOLUENE-D8	18.51	98	1067184	5.57	ug/L	0.10
Spiked Amount 5.000			Recovery	=	111.40%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	20239	3.41	ug/L	98
18) 2-BUTANONE (MEK)	12.06	43	3151	0.49	ug/L	54
21) CHLOROFORM	12.86	83	3501	0.05	ug/L	85

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\8951F.D Vial: 4
Acq On : 19 Apr 2002 10:54 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:41 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\8951F.D Vial: 4
Acq On : 19 Apr 2002 10:54 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

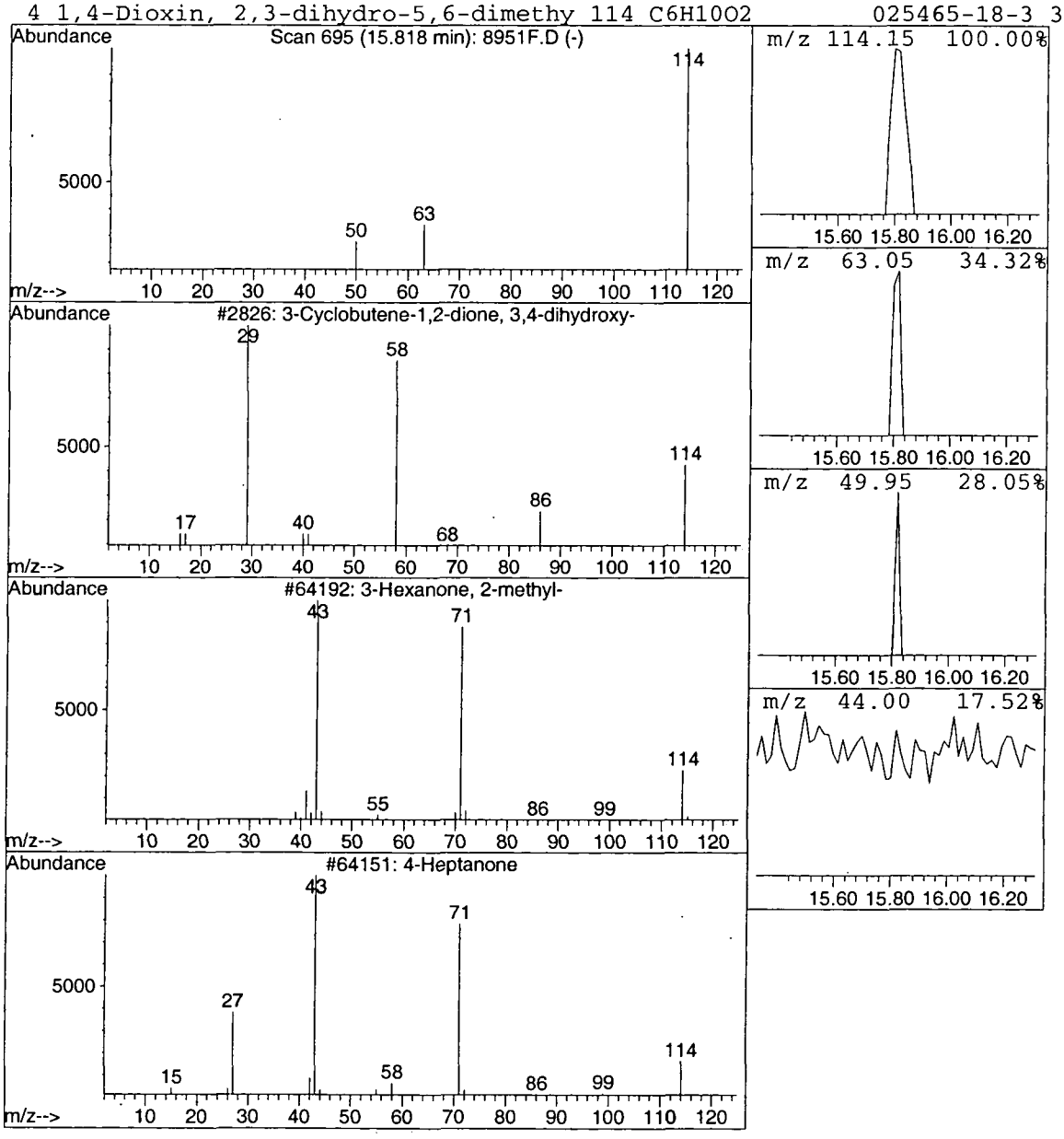
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.03 ug/L	13593	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	1,4-Dioxin, 2,3-dihydro-5,6-dimethy	114	C6H10O2	025465-18-3	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:42:16

Sample: AE09095
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 4/19/02 00:01 Ended: 4/19/02 00:01 Analyst: BH
Result source: a:\9095f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.6		.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: 04/23/2002 Time: 14:42:16

Sample: AE09095
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 4/19/02 00:01 Ended: 4/19/02 00:01 Analyst: BH
Result source: a:\9095f.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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\9095F.D Vial: 5
Acq On : 19 Apr 2002 11:39 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:49 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1186098	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	1051855	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	458597	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	570335	5.84	ug/L	0.10
Spiked Amount 5.000			Recovery =	116.80%		
3) 4-BROMOFLUOROBENZENE	24.40	174	377900	3.94	ug/L	0.10
Spiked Amount 5.000			Recovery =	78.80%		
25) TOLUENE-D8	18.51	98	1426212	5.60	ug/L	0.10
Spiked Amount 5.000			Recovery =	112.00%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	21609	2.69	ug/L	95

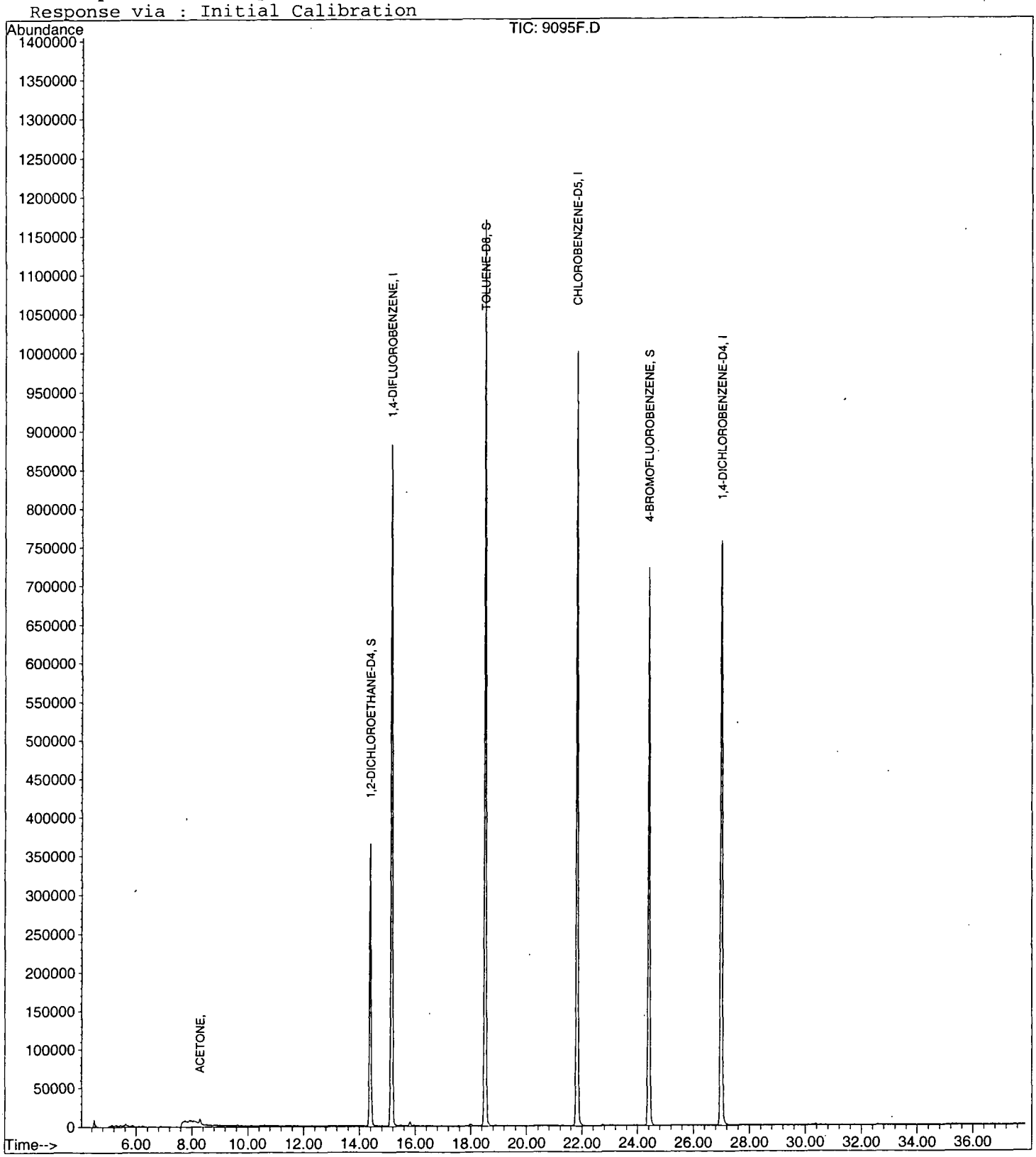
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\9095F.D
Acq On : 19 Apr 2002 11:39 pm
Sample : fb
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:49 2002

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\9095F.D Vial: 5
Acq On : 19 Apr 2002 11:39 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

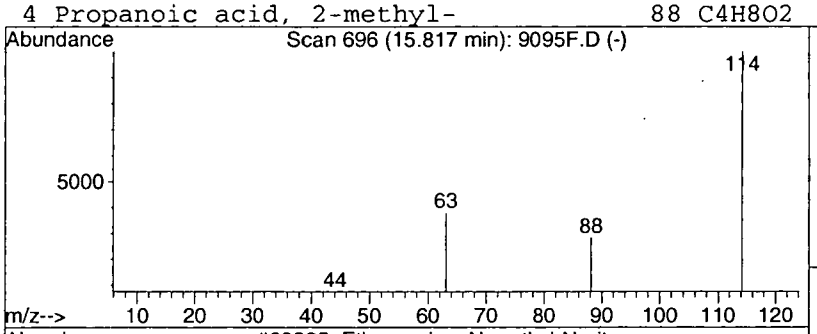
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

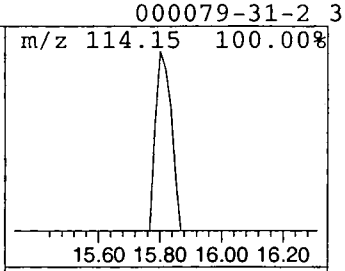
****

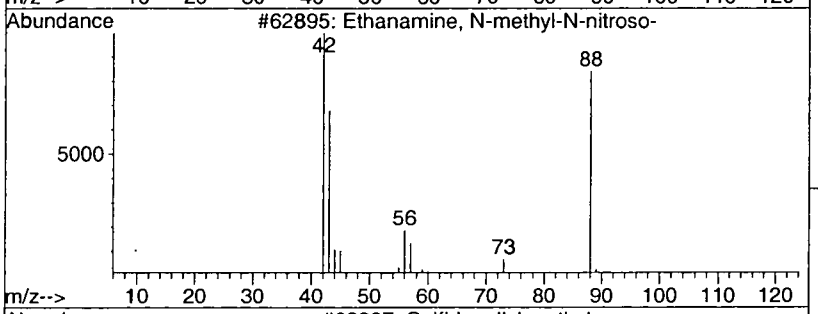
Peak Number 1 Ethanamine, N-methyl-N-nitroso Concentration Rank 1

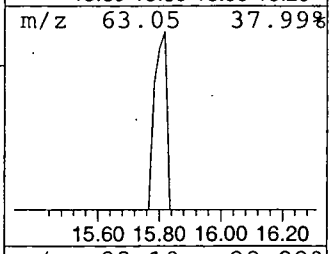
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.03 ug/L	18414	1,4-DIFLUOROBENZENE	15.15

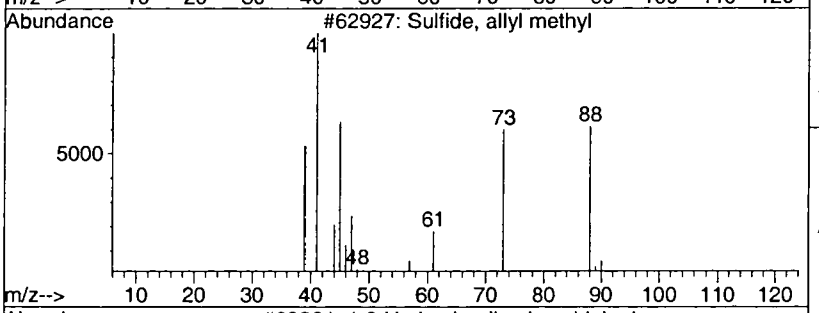
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3

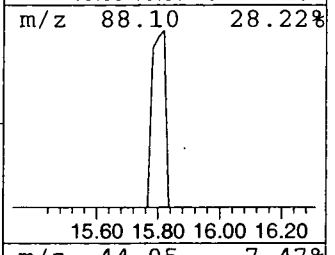


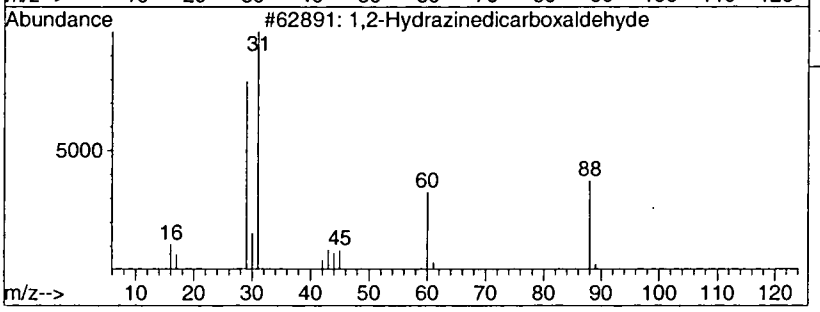


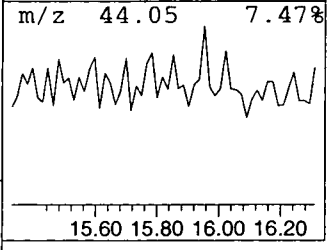












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:39:33

Sample: AE08953
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:02 Ended: 4/20/02 00:02 Analyst: BH
Result source: a:\8953.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.6		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY _____
DATE 4/26/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 12:08:32

Sample: AE08953
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/20/2002 00:02 Ended: 4/20/2002 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		1.2	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\8953.D Vial: 6
Acq On : 20 Apr 2002 12:25 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:42 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1106119	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	993104	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	416768	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	555436	6.09	ug/L	0.10
Spiked Amount 5.000			Recovery	=	121.80%	
3) 4-BROMOFLUOROBENZENE	24.40	174	352171	3.94	ug/L	0.10
Spiked Amount 5.000			Recovery	=	78.80%	
25) TOLUENE-D8	18.51	98	1353802	5.63	ug/L	0.10
Spiked Amount 5.000			Recovery	=	112.60%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	59962	8.01	ug/L	98
65) 1,3-DICHLOROBENZENE	27.07	146	70156	~~1.26 ug/L~~		97
66) 1,4-DICHLOROBENZENE 1.2	27.07	146	70156	1.22	ug/L	96

Run dup.

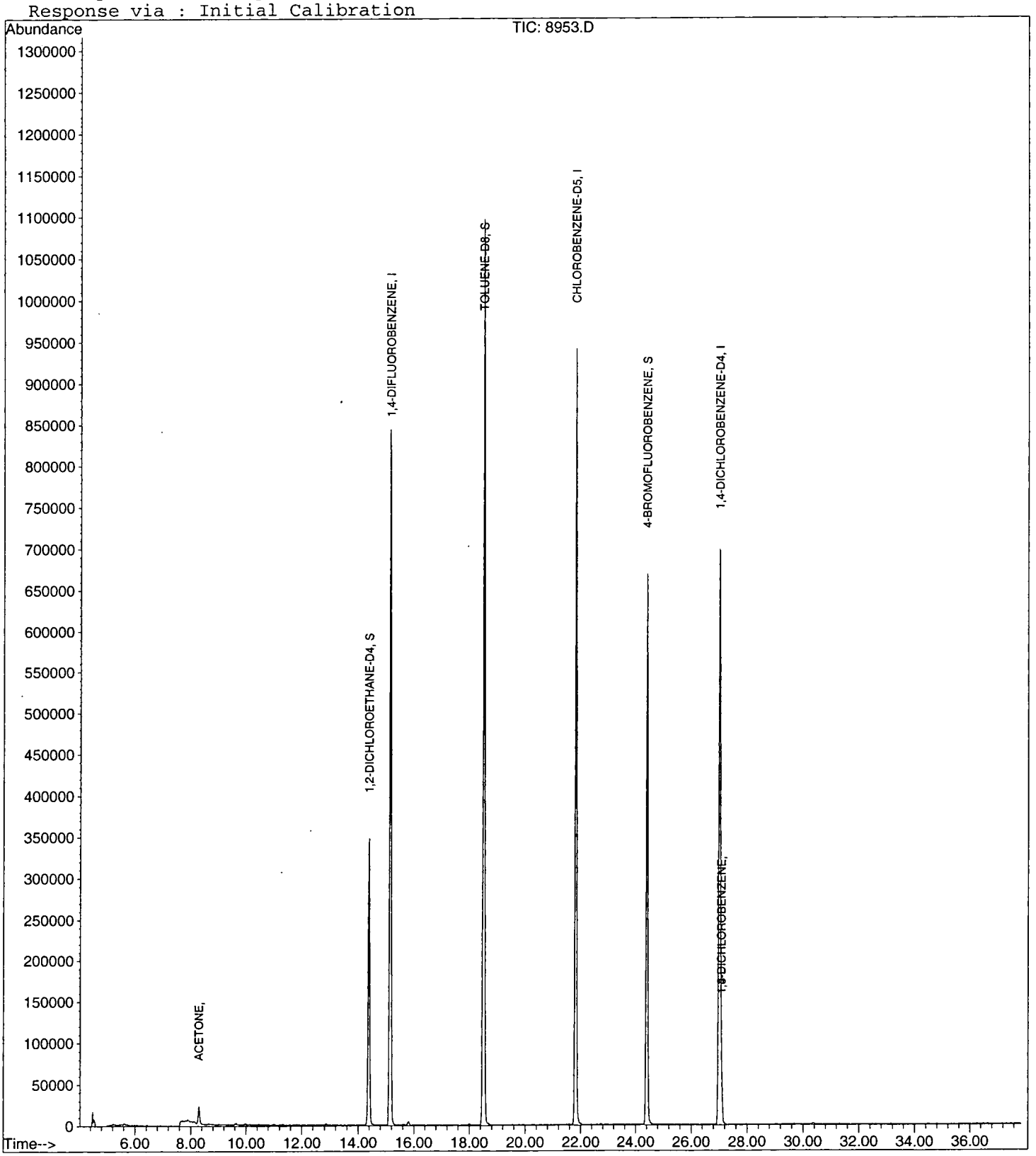
(#) = qualifier out of range (m) = manual integration
8953.D HP031802.M Mon Apr 22 09:42:42 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\8953.D
Acq On : 20 Apr 2002 12:25 am
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:42 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\8953.D Vial: 6
Acq On : 20 Apr 2002 12:25 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

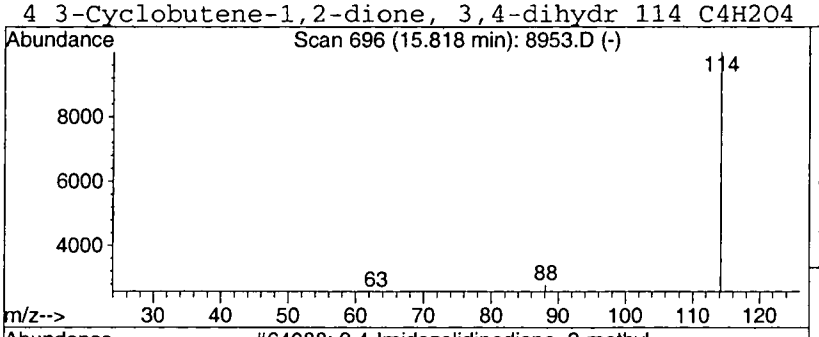
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

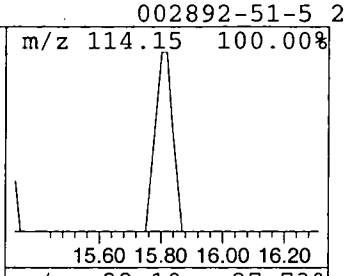
****

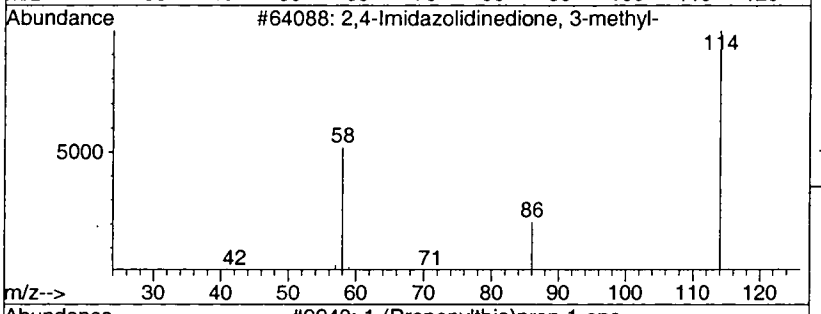
Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 1

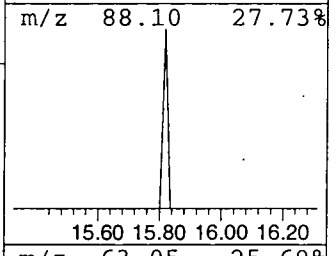
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.03 ug/L	17008	1,4-DIFLUOROBENZENE	15.15

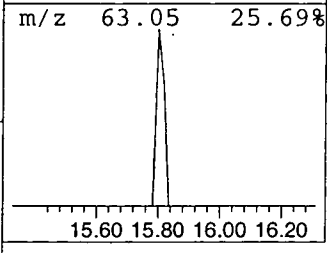
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

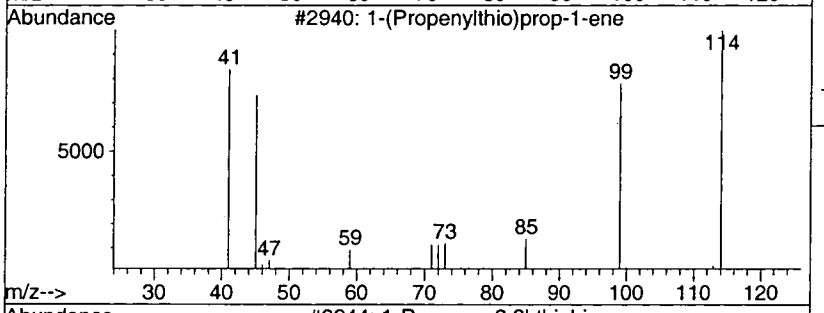


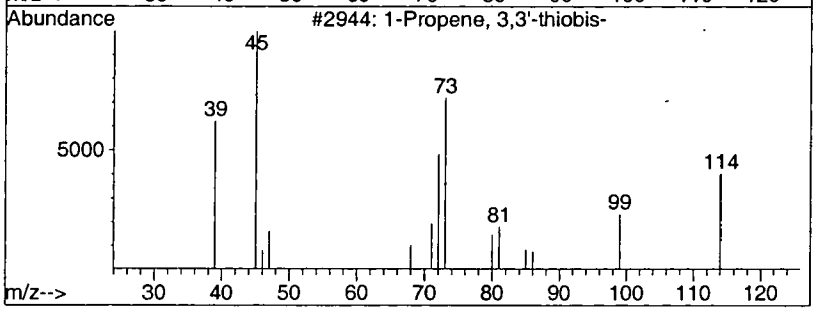












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:40:05

Sample: AE08954
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:01 Ended: 4/20/02 00:01 Analyst: BH
Result source: a:\8954.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.6		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 4/26/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:40:05

Sample: AE08954
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:01 Ended: 4/20/02 00:01 Analyst: BH
Result source: a:\8954.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\8954.D Vial: 7
Acq On : 20 Apr 2002 1:10 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:43 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	994417	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	887033	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	377041	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	500075	6.10	ug/L	0.10
Spiked Amount 5.000			Recovery = 122.00%			
3) 4-BROMOFLUOROBENZENE	24.40	174	309862	3.86	ug/L	0.10
Spiked Amount 5.000			Recovery = 77.20%			
25) TOLUENE-D8	18.51	98	1208994	5.63	ug/L	0.10
Spiked Amount 5.000			Recovery = 112.60%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	61226	9.10	ug/L	97
21) CHLOROFORM	12.85	83	3922	0.05	ug/L	94

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

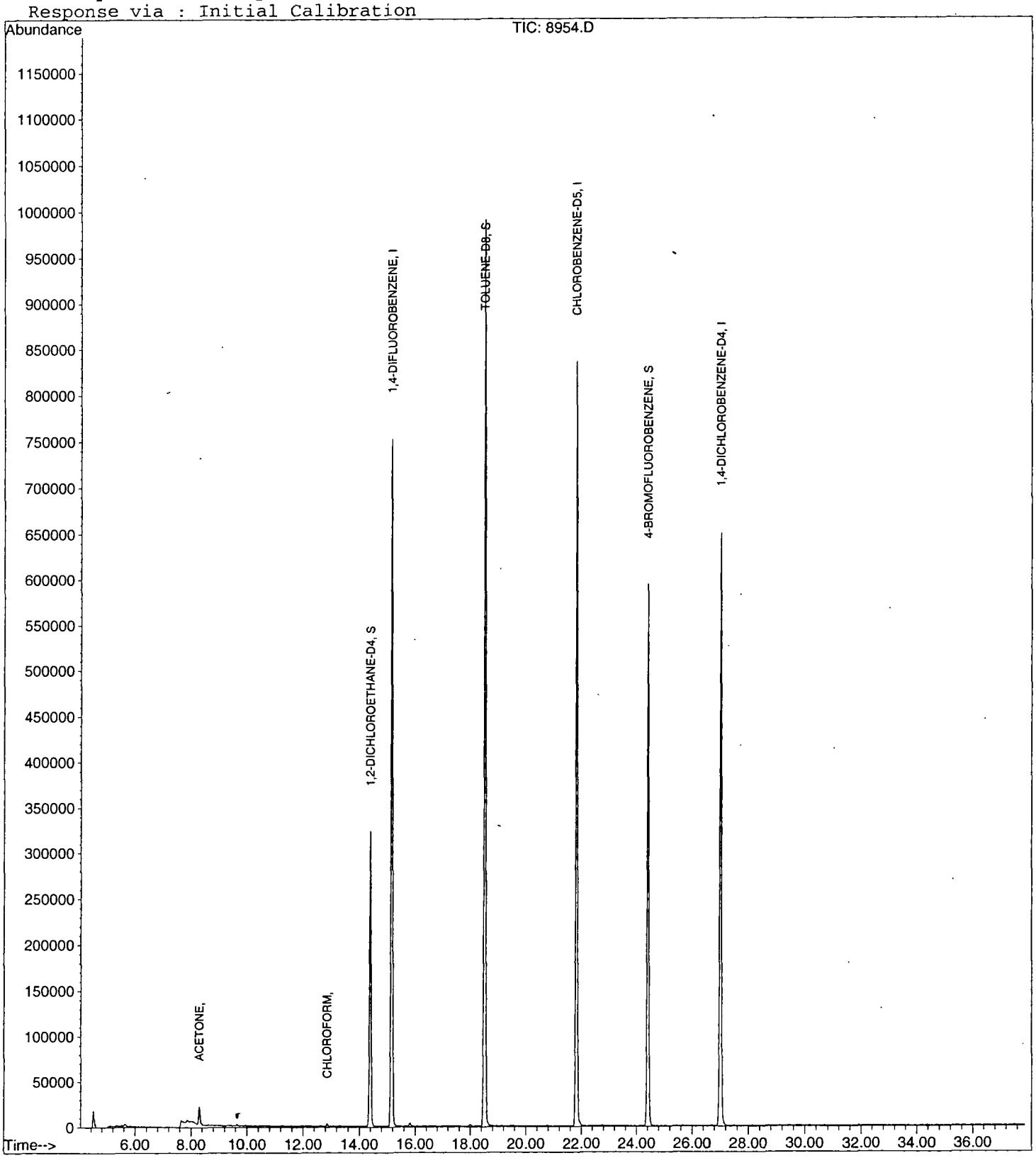
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\8954.D
Acq On : 20 Apr 2002 1:10 am
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:43 2002

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

Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:40:55

Sample: AE08955
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:01 Ended: 4/20/02 00:01 Analyst: BH
Result source: a:\8955.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.6		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 4/26/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:40:55

Sample: AE08955
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:01 Ended: 4/20/02 00:01 Analyst: BH
Result source: a:\8955.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\8955.D Vial: 8
Acq On : 20 Apr 2002 1:54 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:44 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1018786	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	913093	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	391901	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	509121	6.07	ug/L	0.10
Spiked Amount 5.000			Recovery =	121.40%		
3) 4-BROMOFLUOROBENZENE	24.40	174	318364	3.87	ug/L	0.10
Spiked Amount 5.000			Recovery =	77.40%		
25) TOLUENE-D8	18.51	98	1230170	5.56	ug/L	0.10
Spiked Amount 5.000			Recovery =	111.20%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	42476	6.16	ug/L	95

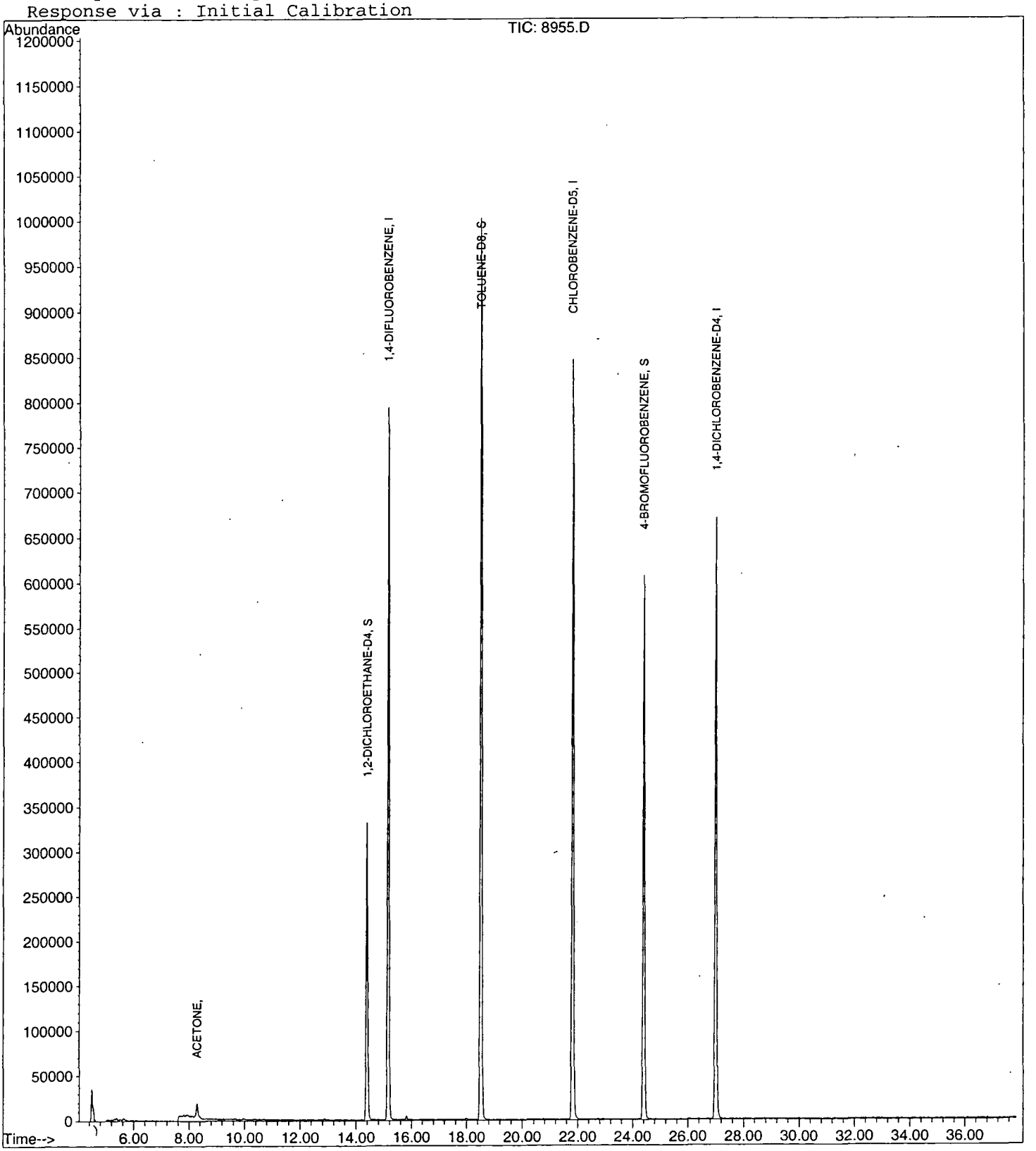
(#) = qualifier out of range (m) = manual integration
8955.D HP031802.M Mon Apr 22 09:44:35 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\8955.D
Acq On : 20 Apr 2002 1:54 am
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:44 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:41:27

Sample: AE09093
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:02 Ended: 4/20/02 00:02 Analyst: BH
Result source: a:\9093.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.7		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-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 4/26/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:41:27

Sample: AE09093
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:02 Ended: 4/20/02 00:02 Analyst: BH
Result source: a:\9093.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\9093.D Vial: 9
Acq On : 20 Apr 2002 2:38 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:46 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1132044	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	991466	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	438318	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	564821	6.06	ug/L	0.10
Spiked Amount 5.000			Recovery = 121.20%			
3) 4-BROMOFLUOROBENZENE	24.40	174	357681	3.91	ug/L	0.10
Spiked Amount 5.000			Recovery = 78.20%			
25) TOLUENE-D8	18.51	98	1365674	5.69	ug/L	0.10
Spiked Amount 5.000			Recovery = 113.80%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	43209	5.64	ug/L	95

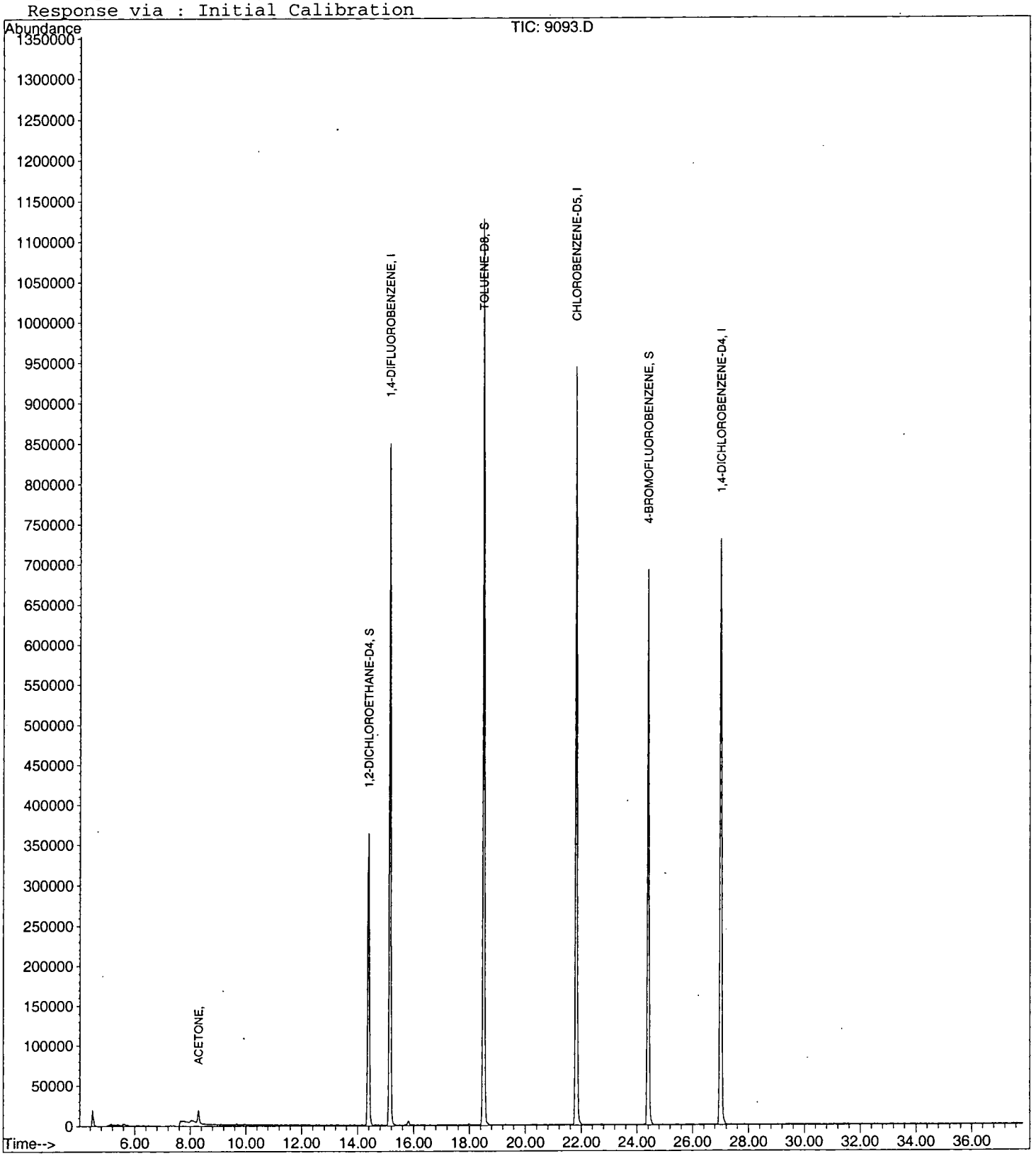
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\9093.D
Acq On : 20 Apr 2002 2:38 am
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:46 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\9093.D Vial: 9
Acq On : 20 Apr 2002 2:38 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

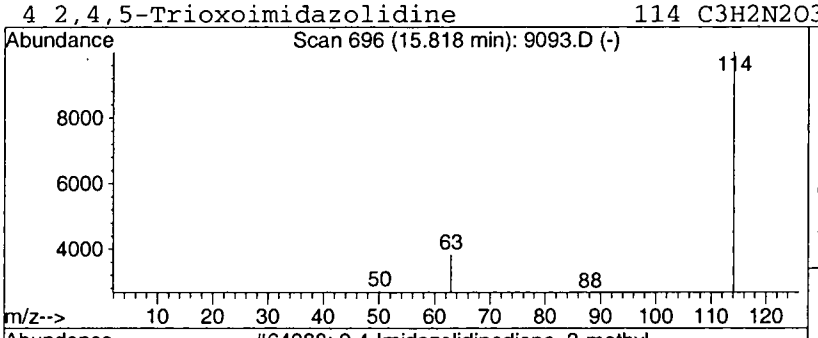
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

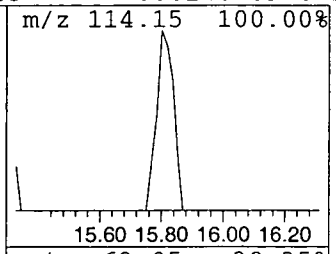
****

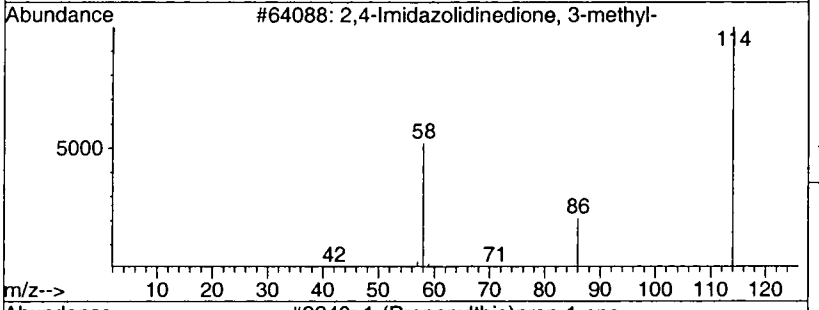
Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 1

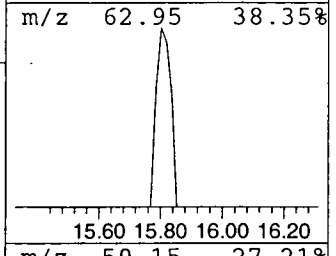
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.03 ug/L	18828	1,4-DIFLUOROBENZENE	15.15

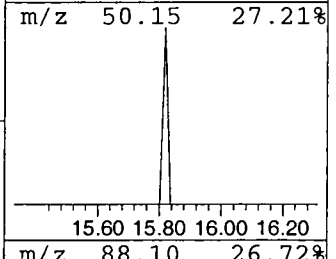
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2

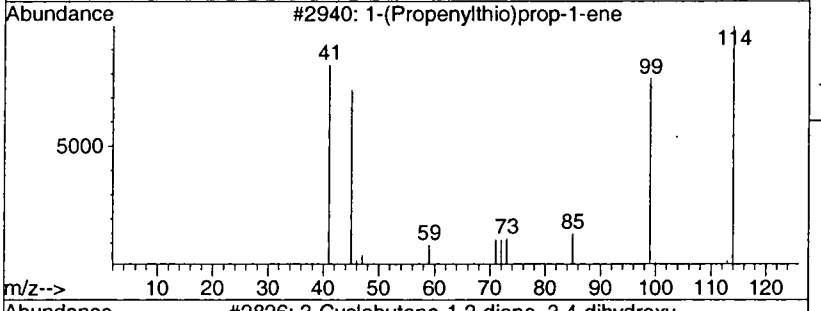


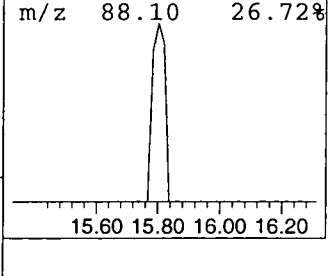


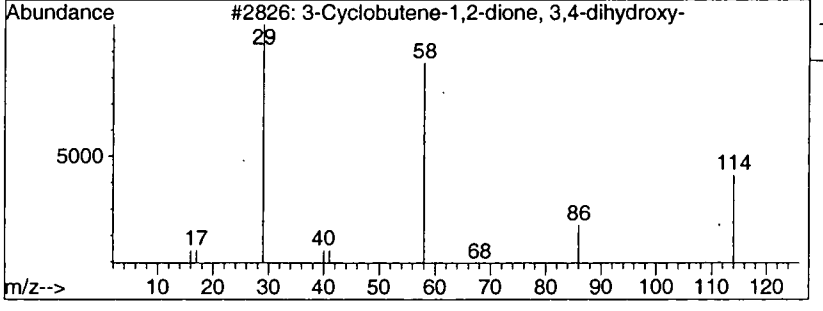








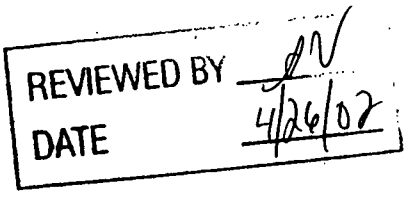




User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:41:53

Sample: AE09094
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:03 Ended: 4/20/02 00:03 Analyst: BH
Result source: a:\9094.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.7		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:41:53

Sample: AE09094
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:03 Ended: 4/20/02 00:03 Analyst: BH
Result source: a:\9094.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\9094.D Vial: 10
Acq On : 20 Apr 2002 3:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:47 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1098364	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	972312	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	419896	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	549125	6.07	ug/L	0.10
Spiked Amount 5.000			Recovery =	121.40%		
3) 4-BROMOFLUOROBENZENE	24.40	174	346360	3.90	ug/L	0.10
Spiked Amount 5.000			Recovery =	78.00%		
25) TOLUENE-D8	18.51	98	1345935	5.72	ug/L	0.10
Spiked Amount 5.000			Recovery =	114.40%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	30984	4.17	ug/L	99
46) 2-HEXANONE	19.39	43	792	0.08	ug/L	27

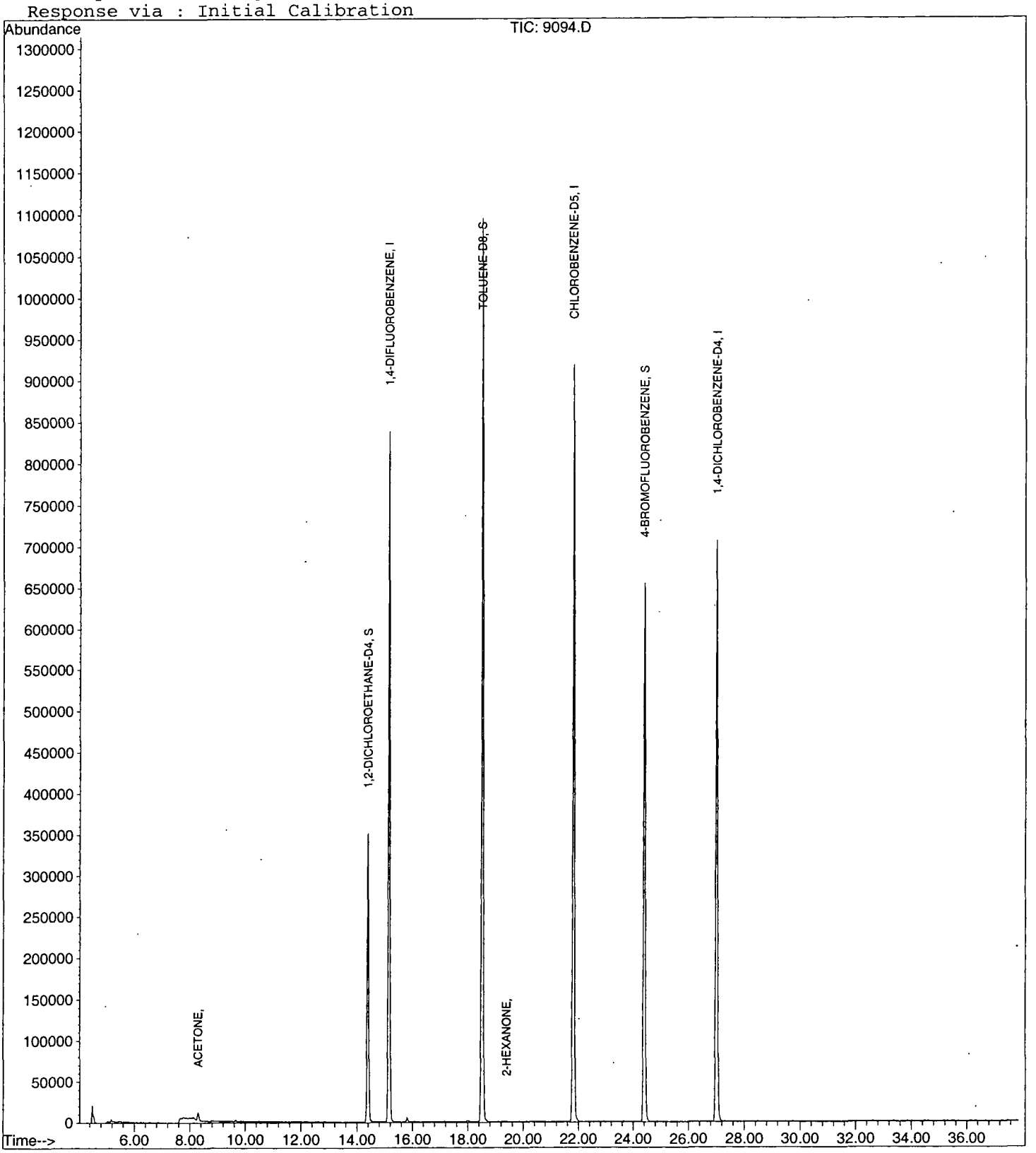
(#) = qualifier out of range (m) = manual integration
9094.D HP031802.M Mon Apr 22 09:47:31 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\9094.D
Acq On : 20 Apr 2002 3:23 am
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:47 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\9094.D Vial: 10
Acq On : 20 Apr 2002 3:23 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

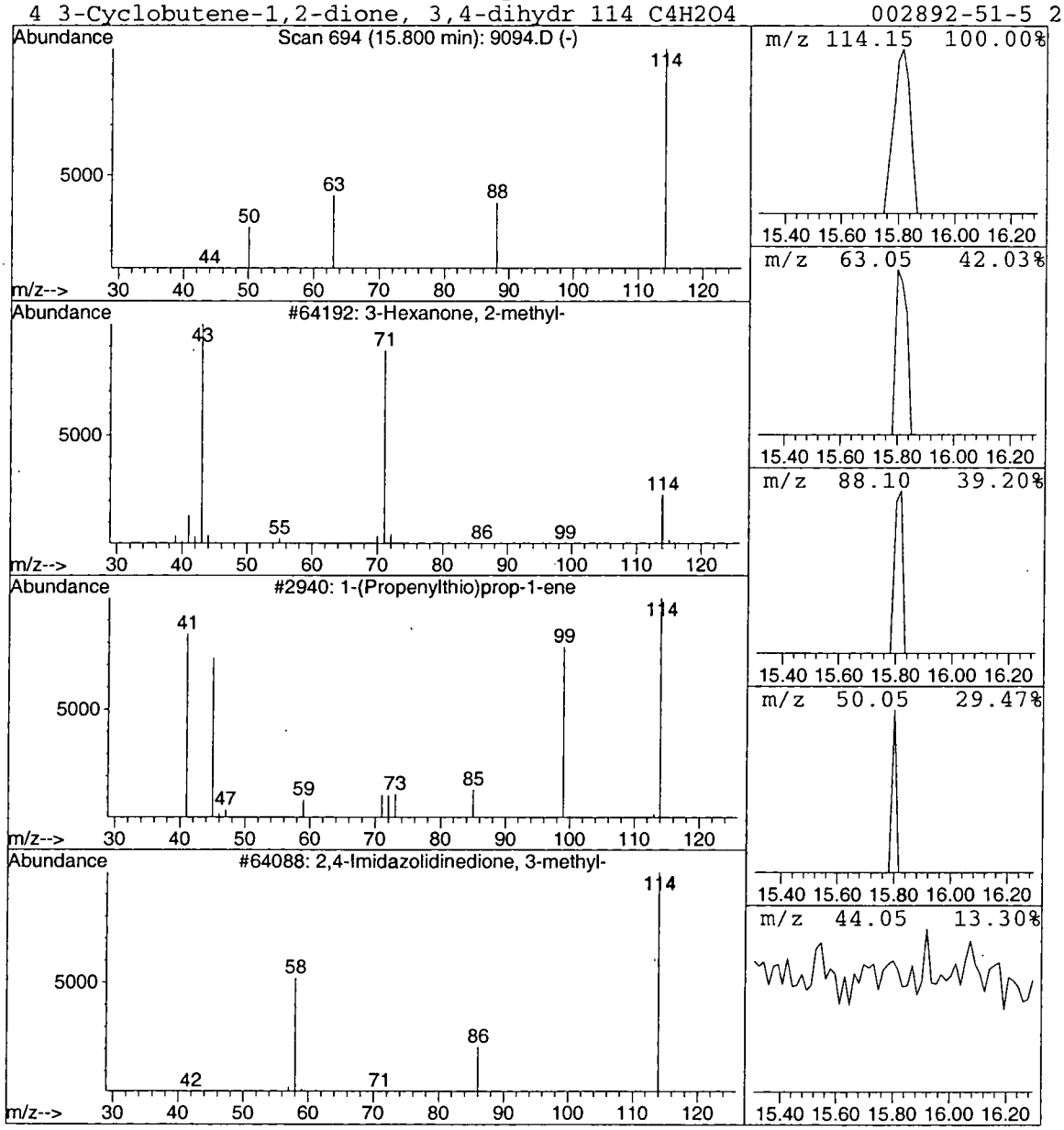
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	16996	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:42:30

Sample: AE09095
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:04 Ended: 4/20/02 00:04 Analyst: BH
Result source: a:\9095.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.6		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY _____
DATE 4/26/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:42:30

Sample: AE09095
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 4/20/02 00:04 Ended: 4/20/02 00:04 Analyst: BH
Result source: a:\9095.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR19\9095.D Vial: 11
Acq On : 20 Apr 2002 4:08 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:48 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1094456	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	971364	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	425602	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	539376	5.98	ug/L	0.10
Spiked Amount 5.000			Recovery =	119.60%		
3) 4-BROMOFLUOROBENZENE	24.40	174	352202	3.98	ug/L	0.10
Spiked Amount 5.000			Recovery =	79.60%		
25) TOLUENE-D8	18.51	98	1325267	5.63	ug/L	0.10
Spiked Amount 5.000			Recovery =	112.60%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	28983	3.91	ug/L	99

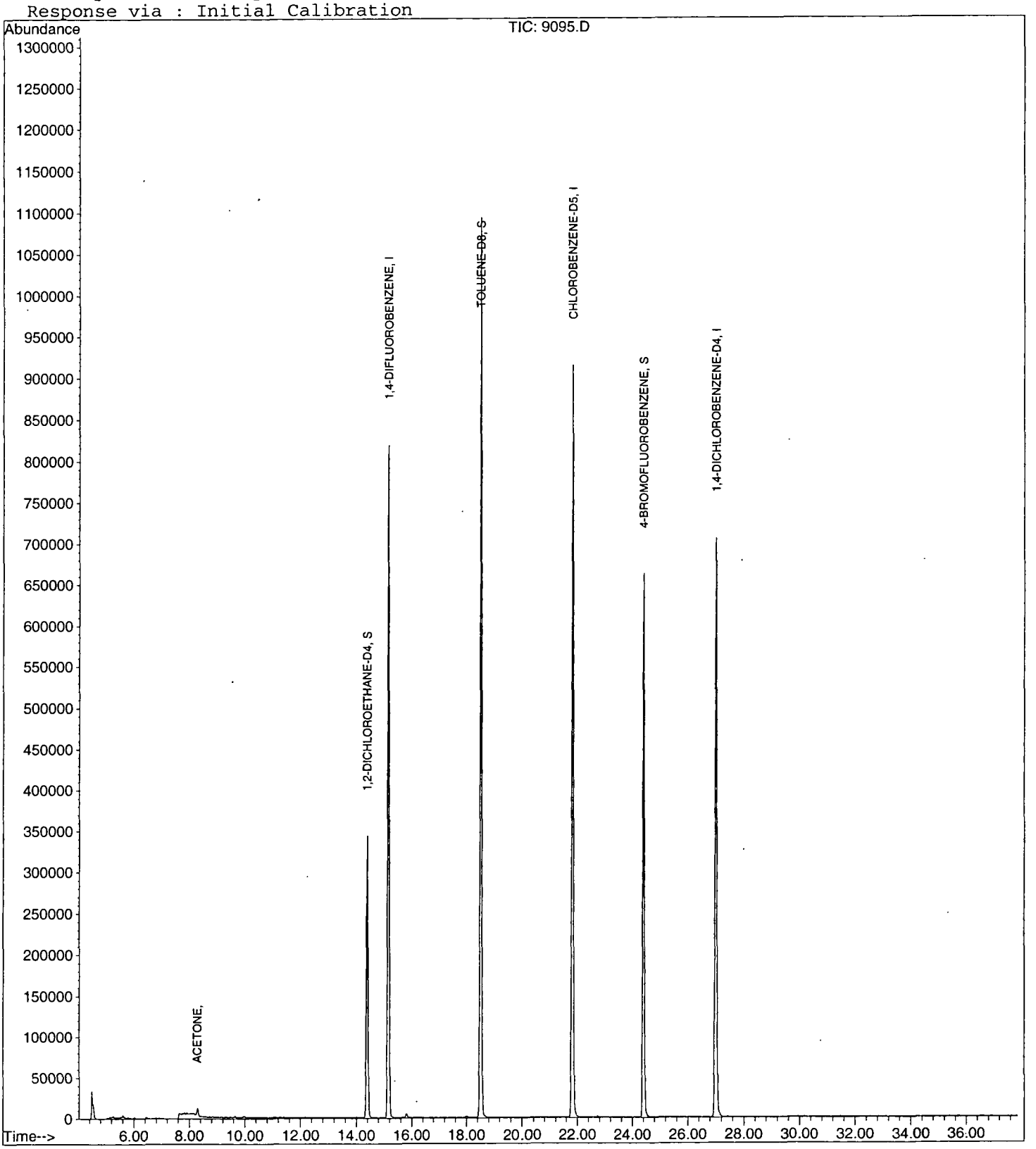
(#) = qualifier out of range (m) = manual integration
9095.D HP031802.M Mon Apr 22 09:48:34 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR19\9095.D
Acq On : 20 Apr 2002 4:08 am
Sample : nyc
Misc : April 19, 2002
MS Integration Params: RTEINT.P
Quant Time: Apr 22 9:48 2002

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR19\9095.D Vial: 11
Acq On : 20 Apr 2002 4:08 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

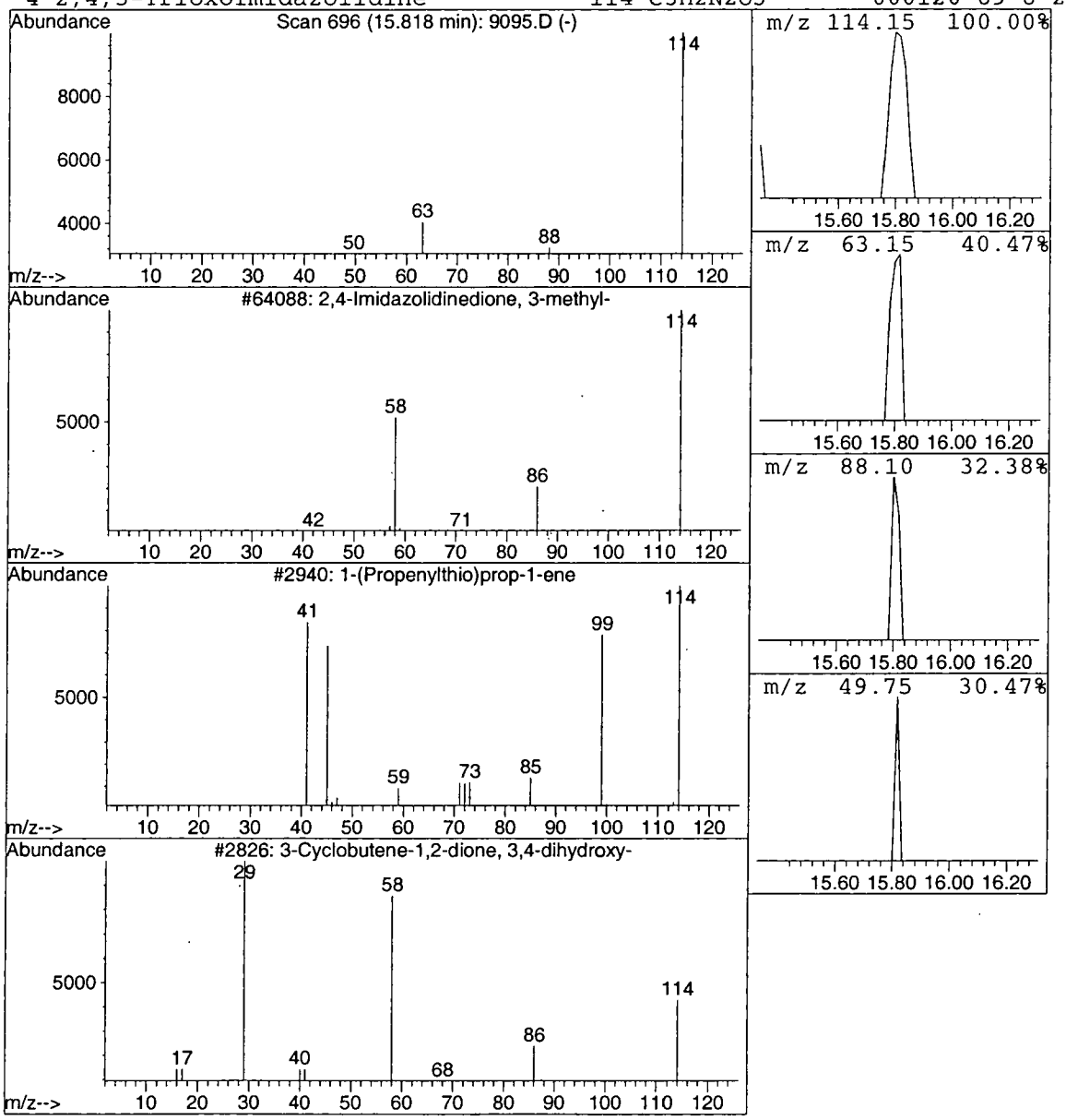
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.03 ug/L	17001	1,4-DIFLUOROBENZENE	15.15

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	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:24:46

Sample: AE08951
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/20/02 00:04 Ended: 4/20/02 00:04 Analyst: BH
Result source: a:\0419c10b.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.5		.5
3	Dichlorodifluoromethane		7.7		.5
4	Chloromethane		9.8		.5
5	Vinyl chloride		11		.5
6	Bromomethane		9.7		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		10		.5
9	1,1-Dichloroethene		12		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		8.8		1.0
12	trans-1,2-dichloroethene		12		.5
13	1,1-dichloroethane		12		.5
14	2-butanone (MEK)		40		2.0
15	2,2-dichloropropane		9.0		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		12		.5
20	Surr_TOLUENE-D8		5.5		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		12		.5
23	Carbon tetrachloride		11		.5
24	Benzene		12		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		12		.5
27	Dibromomethane		9.5		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		43		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		9.9		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		9.8		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		21		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		9.3		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		12		.5
47	N-propylbenzene		12		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:24:46

Sample: AE08951
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/20/02 00:04 Ended: 4/20/02 00:04 Analyst: BH
Result source: a:\0419c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		12		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		13		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		12		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		12		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		12		.5
62	Naphthalene		8.4		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10B.D Vial: 2
Acq On : 20 Apr 2002 4:52 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 20 5:32 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1134594	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	1051260	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	27.00	152	516140	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	566304	6.06	ug/L	0.10
Spiked Amount 5.000			Recovery =	121.20%		
3) 4-BROMOFLUOROBENZENE	24.40	174	415653	4.53	ug/L	0.10
Spiked Amount 5.000			Recovery =	90.60%		
25) TOLUENE-D8	18.51	98	1394435	5.48	ug/L	0.10
Spiked Amount 5.000			Recovery =	109.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	287267	7.66	ug/L	97
5) CHLOROMETHANE	5.48	50	437941	9.78	ug/L	98
6) VINYL CHLORIDE	5.62	62	316366	11.03	ug/L	98
7) BROMOMETHANE	6.61	94	260780	9.68	ug/L	96
8) CHLOROETHANE	6.74	64	300074	10.78	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.31	101	546541	10.34	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	8.21	101	7778	0.31	ug/L	94
12) ACETONE	8.29	43	297052	38.70	ug/L	97
13) 1,1-DICHLOROETHENE	8.63	61	823929	12.15	ug/L	91
14) METHYLENE CHLORIDE	9.65	49	749627	12.45	ug/L	92
15) METHYL TERT BUTYL ETHER	9.96	73	536981	8.82	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.32	61	844805	12.41	ug/L	88
17) 1,1-DICHLOROETHANE	11.20	63	934963	11.98	ug/L	97
18) 2-BUTANONE (MEK)	12.04	43	330761	39.64	ug/L	93
19) 2,2-DICHLOROPROPANE	12.43	77	552088	8.99	ug/L	91
20) CIS-1,2-DICHLOROETHENE	12.51	96	475683	10.37	ug/L	87
21) CHLOROFORM	12.85	83	919940	10.90	ug/L	100
22) BROMOCHLOROMETHANE	13.23	49	391840	11.19	ug/L	74
23) 1,2-DICHLOROETHANE	14.57	62	672158	11.53	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.76	97	682650	11.50	ug/L	98
27) 1,1-DICHLOROPROPENE	14.08	75	666322	12.20	ug/L	96
28) CARBON TETRACHLORIDE	14.34	117	587141	11.49	ug/L	98
29) BENZENE	14.68	78	1584566	11.65	ug/L	98
30) TRICHLOROETHENE	15.95	95	479888	11.29	ug/L	95
31) 1,2-DICHLOROPROPANE	16.31	63	416990	11.74	ug/L	99
32) DIBROMOMETHANE	16.99	174	191346	9.51	ug/L	92
33) BROMODICHLOROMETHANE	16.84	83	604531	11.24	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.32	63	143924	9.44	ug/L	91
35) METHYL ISO-BUTYL KETONE	17.38	58	258202	42.59	ug/L	81
36) CIS-1,3-DICHLOROPROPENE	17.93	75	543655	10.56	ug/L	97
37) TOLUENE	18.68	91	1598237	10.97	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.95	75	385112	10.14	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.34	97	238231	9.91	ug/L	99
40) TETRACHLOROETHENE	20.12	166	436451	10.12	ug/L	95
41) 1,3-DICHLOROPROPANE	19.87	76	478197	10.79	ug/L	97
42) DIBROMOCHLOROMETHANE	20.57	129	302869	9.75	ug/L	96
43) 1,2-DIBROMOETHANE	21.03	107	238374	9.72	ug/L	99
44) CHLOROBENZENE	21.90	112	1014447	10.34	ug/L	92
45) 1,1,1,2-TETRACHLOROETHANE	21.95	131	359377	10.37	ug/L	97
46) 2-HEXANONE	19.24	43	509339	45.38	ug/L	93
47) ETHYLBENZENE	21.93	91	1901444	11.22	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10B.D Vial: 2
Acq On : 20 Apr 2002 4:52 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 20 5:32 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

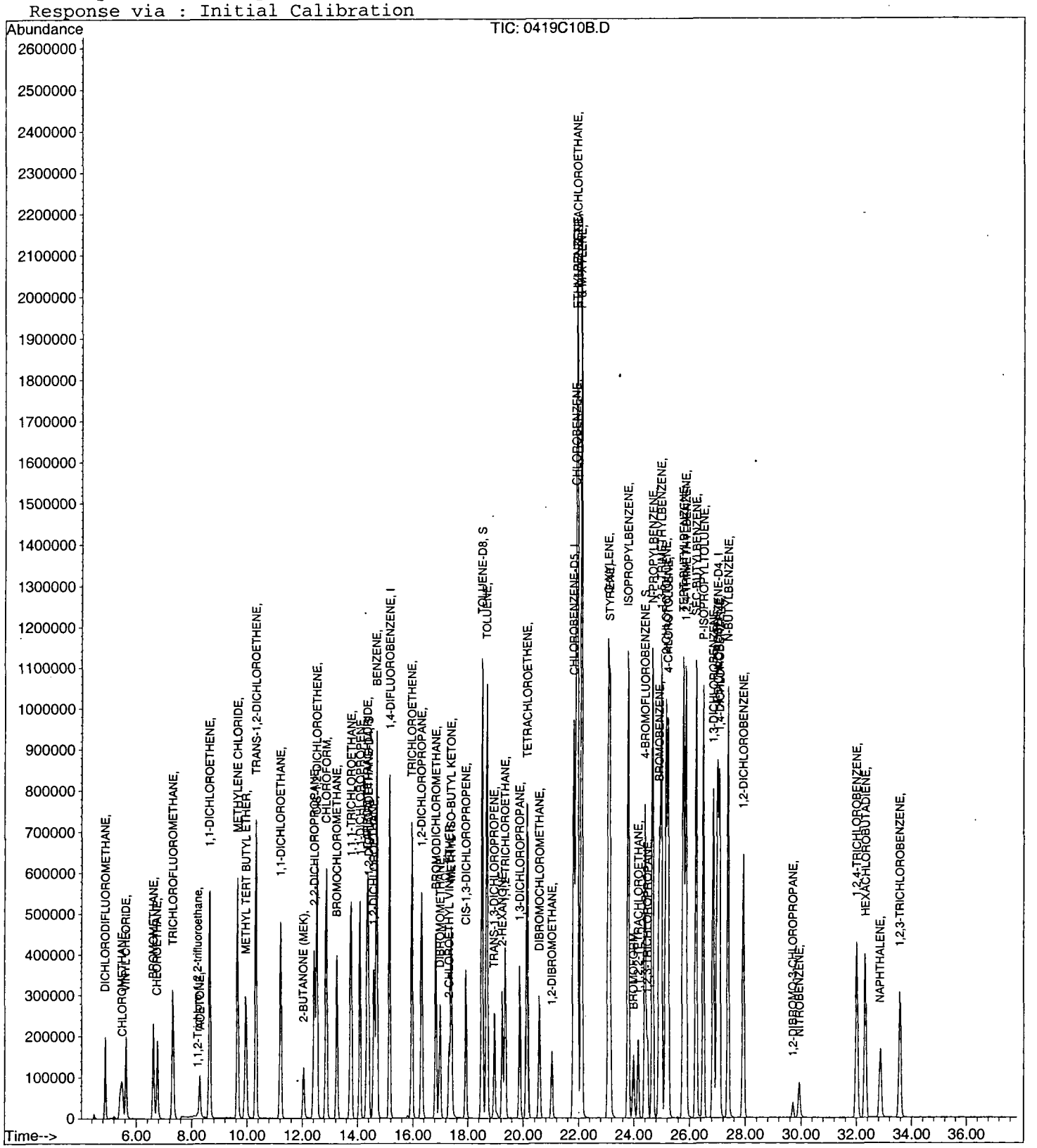
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48)	P & M-XYLENE	22.10	106	1231455	21.32	ug/L	90
49)	O-XYLENE	23.07	91	1520345	11.42	ug/L	94
50)	STYRENE	23.12	104	936998	10.61	ug/L	93
51)	1,1,2,2-TETRACHLOROETHANE	24.16	83	225565	9.27	ug/L	100
53)	BROMOFORM	23.99	173	145547	10.55	ug/L	99
54)	ISOPROPYLBENZENE	23.78	105	1618022	11.74	ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.48	110	77508	11.62	ug/L	92
56)	N-PROPYLBENZENE	24.67	91	2121300	11.84	ug/L	97
57)	BROMOBENZENE	24.91	156	388081	10.71	ug/L	85
58)	1,3,5-TRIMETHYLBENZENE	24.98	105	1449271	11.85	ug/L	94
59)	2-CHLOROTOLUENE	25.15	91	1432608	11.63	ug/L	94
60)	4-CHLOROTOLUENE	25.22	91	1365668	12.88	ug/L	96
61)	TERT-BUTYLBENZENE	25.78	119	1253137	11.23	ug/L	90
62)	1,2,4-TRIMETHYLBENZENE	25.86	105	1515144	11.85	ug/L	93
63)	SEC-BUTYLBENZENE	26.24	105	1723072	11.25	ug/L	96
64)	P-ISOPROPYLTOLUENE	26.49	119	1315099	11.00	ug/L	96
65)	1,3-DICHLOROBENZENE	26.85	146	725456	10.49	ug/L	96
66)	1,4-DICHLOROBENZENE	27.07	146	732693	10.25	ug/L	98
67)	N-BUTYLBENZENE	27.38	91	1417037	11.66	ug/L	99
68)	1,2-DICHLOROBENZENE	27.92	146	610475	10.32	ug/L	96
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.71	157	27501	7.54	ug/L	99
70)	1,2,4-TRICHLOROBENZENE	32.01	180	378660	10.13	ug/L	97
71)	HEXACHLOROBUTADIENE	32.33	225	242734	11.98	ug/L	95
72)	NAPHTHALENE	32.86	128	385042	8.40	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.57	180	297105	10.17	ug/L	96
74)	NITROBENZENE	29.93	77	129280	155.36	ug/L	85

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02apr19\0419C10B.D Vial: 2
Acq On : 20 Apr 2002 4:52 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 20 5:32 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02apr19\0419B4.D Vial: 3
Acq On : 20 Apr 2002 5:41 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 20 6:20 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 19 15:55:25 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.05
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.71
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.88
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\02apr19\0419B4.D Vial: 3
Acq On : 20 Apr 2002 5:41 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : April 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 20 6:20 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 15 10:00:49 2002
Response via : Initial Calibration