User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:34:30

Sample: AE06588
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 3/22/02 00:09 Ended: 3/22/02 00:09 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		6.0
2	Surr - 4-BROMOFLUOROBENZE		4.5
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHENE		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.2
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHANE		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHANE		< MDL

Reviewed by,
6/14/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:34:30

Sample: AE06588
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 3/22/02 00:09 Ended: 3/22/02 00:09 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR22\0322B1.D Vial: 1
Acq On : 22 Mar 2002 9:19 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 1 12:05 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 15:03:13 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

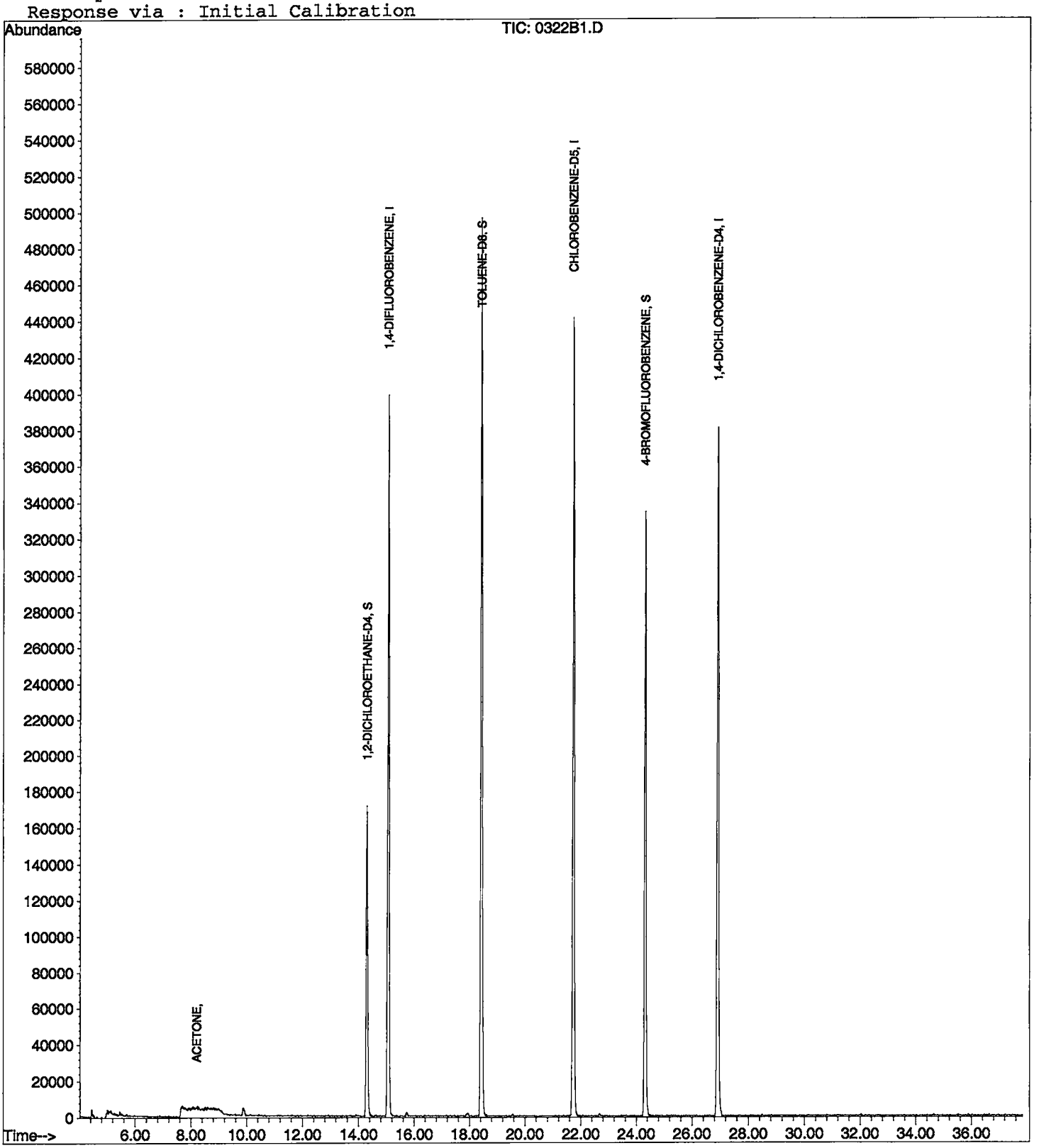
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	550341	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.73	117	494558	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	246519	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	270913	5.97	ug/L	0.02
Spiked Amount 5.000			Recovery =	119.40%		
3) 4-BROMOFLUOROBENZENE	24.31	174	202097	4.54	ug/L	0.02
Spiked Amount 5.000			Recovery =	90.80%		
25) TOLUENE-D8	18.42	98	626613	5.23	ug/L	0.02
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
12) ACETONE	8.21	43	3211	1.09	ug/L	53

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\0322B1.D Vial: 1
Acq On : 22 Mar 2002 9:19 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 1 12:05 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:03:21

Sample: AE06588
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/22/2002 00:00 Ended: 3/22/2002 00:00 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.6	.5
2	Surr_4-BROMOFLUOROBENZE		5.0	.5
3	Dichlorodifluoromethane		7.9	.5
4	Chloromethane		8.5	.5
5	Vinyl chloride		12	.5
6	Bromomethane		9.5	.5
7	Chloroethane		9.9	.5
8	Trichlorofluoromethane		11	.5
9	1,1-Dichloroethene		9.1	.5
10	Methylene Chloride		8.6	.5
11	Methyl tert-butyl ether		9.4	1.0
12	trans-1,2-dichloroethene		9.3	.5
13	1,1-dichloroethane		9.2	.5
14	2-butanone (MEK)		35	2.0
15	2,2-dichloropropane		10	.5
16	cis-1,2-dichloroethene		9.7	.5
17	Chloroform		10	.5
18	Bromochloromethane		8.8	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		12	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		13	.5
24	Benzene		9.9	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		9.5	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		40	1.0
30	cis-1,3-dichloropropene		10	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		10	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		10	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		22	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		10	.5
44	Bromoform		12	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		11	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:03:21

Sample: AE06588
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/22/2002 00:00 Ended: 3/22/2002 00:00 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		11	.5
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		11	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		11	.5
61	Hexachlobutadiene		13	.5
62	Naphthalene		11	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene		180	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322C10.D Vial: 2
Acq On : 22 Mar 2002 10:06 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 10:44 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1103527	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	1017080	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	570148	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	511702	5.63	ug/L	0.03
Spiked Amount 5.000			Recovery =	112.60%		
3) 4-BROMOFLUOROBENZENE	24.33	174	450275	5.05	ug/L	0.03
Spiked Amount 5.000			Recovery =	101.00%		
25) TOLUENE-D8	18.44	98	1286377	5.22	ug/L	0.03
Spiked Amount 5.000			Recovery =	104.40%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	259881	7.93	ug/L	99
5) CHLOROMETHANE	5.47	50	333012	8.46	ug/L	99
6) VINYL CHLORIDE	5.57	62	279054	11.89	ug/L	99
7) BROMOMETHANE	6.56	94	248328	9.48	ug/L	99
8) CHLOROETHANE	6.69	64	266984	9.87	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.25	101	592210	10.77	ug/L	99
10) Isopropyl Alcohol	7.85	45	16749	16.00	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	8.14	101	8212	0.34	ug/L	98
12) ACETONE	8.22	43	253139	39.46	ug/L	96
13) 1,1-DICHLOROETHENE	8.56	61	602680	9.14	ug/L	97
14) METHYLENE CHLORIDE	9.59	49	506653	8.65	ug/L	95
15) METHYL TERT BUTYL ETHER	9.89	73	553691	9.35	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.25	61	615260	9.29	ug/L	99
17) 1,1-DICHLOROETHANE	11.13	63	701419	9.24	ug/L	98
18) 2-BUTANONE (MEK)	11.97	43	281685	34.71	ug/L	100
19) 2,2-DICHLOROPROPANE	12.36	77	623903	10.44	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.45	96	433425	9.72	ug/L	98
21) CHLOROFORM	12.79	83	832955	10.15	ug/L	98
22) BROMOCHLOROMETHANE	13.16	49	299619	8.79	ug/L	98
23) 1,2-DICHLOROETHANE	14.51	62	597264	10.53	ug/L	96
26) 1,1,1-TRICHLOROETHANE	13.69	97	680431	11.84	ug/L	98
27) 1,1-DICHLOROPROPENE	14.01	75	574779	10.88	ug/L	98
28) CARBON TETRACHLORIDE	14.27	117	621066	12.56	ug/L	100
29) BENZENE	14.61	78	1303325	9.91	ug/L	99
30) TRICHLOROETHENE	15.88	95	448237	10.90	ug/L	97
31) 1,2-DICHLOROPROPANE	16.24	63	325516	9.48	ug/L	99
32) DIBROMOMETHANE	16.91	174	216547	11.12	ug/L	95
33) BROMODICHLOROMETHANE	16.75	83	585775	11.26	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	134773	9.83	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.31	58	235243	40.11	ug/L	93
36) CIS-1,3-DICHLOROPROPENE	17.86	75	517306	10.38	ug/L	99
37) TOLUENE	18.61	91	1467429	10.41	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	403529	10.98	ug/L	96
39) 1,1,2-TRICHLOROETHANE	19.27	97	239732	10.30	ug/L	98
40) TETRACHLOROETHENE	20.06	166	483139	11.58	ug/L	97
41) 1,3-DICHLOROPROPANE	19.80	76	432818	10.09	ug/L	97
42) DIBROMOCHLOROMETHANE	20.50	129	351236	11.69	ug/L	96
43) 1,2-DIBROMOETHANE	20.94	107	253881	10.70	ug/L	99
44) CHLOROBENZENE	21.83	112	995053	10.48	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	391204	11.67	ug/L	97
46) 2-HEXANONE	19.17	43	446423	41.11	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322C10.D Vial: 2
Acq On : 22 Mar 2002 10:06 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 10:44 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

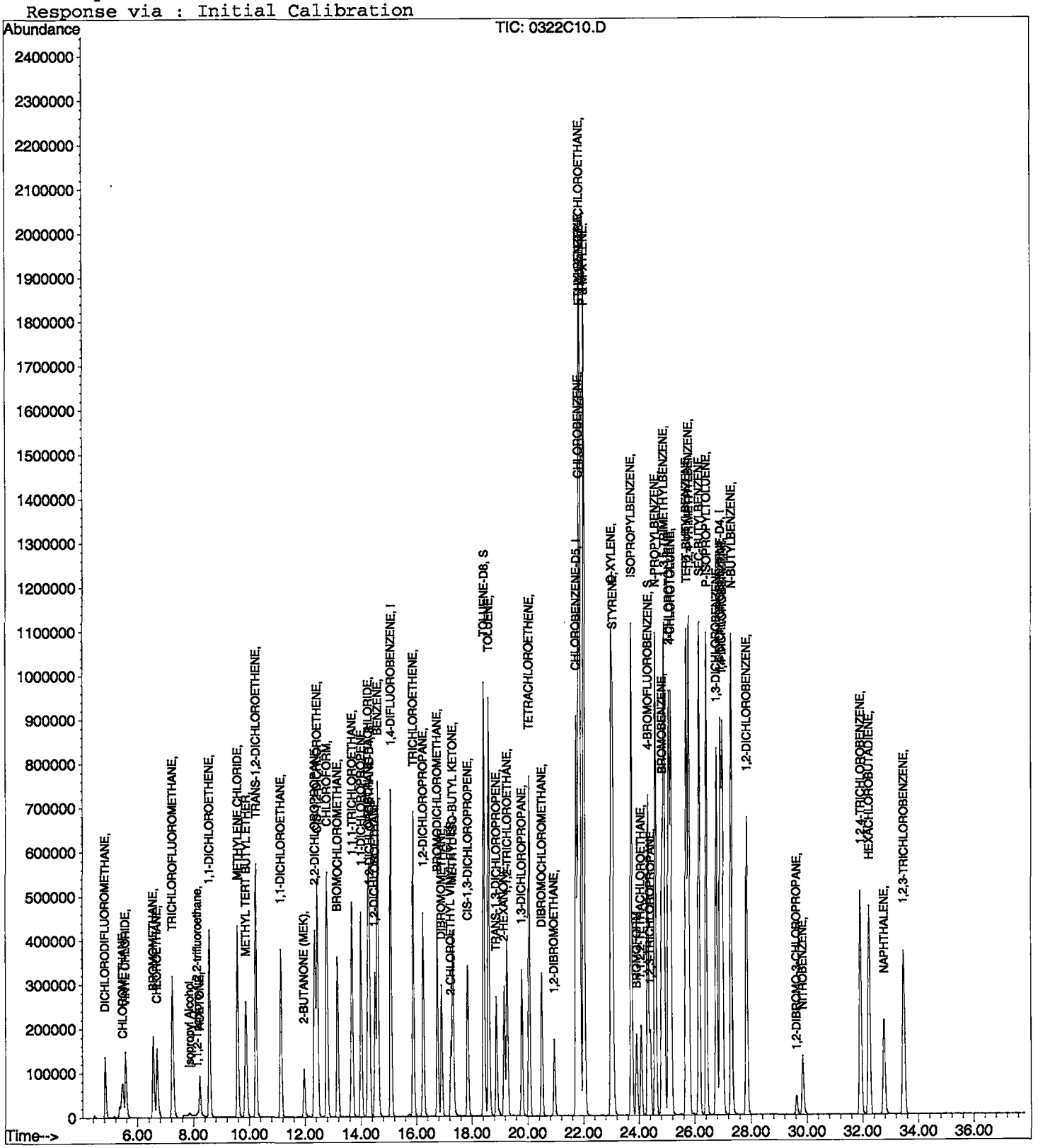
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	ETHYLBENZENE	21.86	91	1798816	10.97 ug/L	98
48)	P & M-XYLENE	22.03	106	1215486	21.75 ug/L	91
49)	O-XYLENE	23.00	91	1454759	11.30 ug/L	97
50)	STYRENE	23.05	104	934956	10.95 ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.07	83	235330	9.99 ug/L	99
53)	BROMOFORM	23.92	173	177777	11.67 ug/L	94
54)	ISOPROPYLBENZENE	23.72	105	1656681	10.88 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	86464	10.60 ug/L	94
56)	N-PROPYLBENZENE	24.58	91	2080274	10.51 ug/L	96
57)	BROMOBENZENE	24.84	156	428807	10.71 ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1479060	10.95 ug/L	99
59)	2-CHLOROTOLUENE	25.08	91	1427951	10.49 ug/L	97
60)	4-CHLOROTOLUENE	25.15	91	1255001	10.71 ug/L	99
61)	TERT-BUTYLBENZENE	25.71	119	1367631	11.10 ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	1541537	10.91 ug/L	97
63)	SEC-BUTYLBENZENE	26.17	105	1820074	10.76 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.42	119	1453201	11.00 ug/L	97
65)	1,3-DICHLOROBENZENE	26.78	146	820784	10.75 ug/L	99
66)	1,4-DICHLOROBENZENE	26.98	146	831871	10.53 ug/L	98
67)	N-BUTYLBENZENE	27.31	91	1455158	10.84 ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	700671	10.72 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.62	157	39702	9.82 ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.92	180	469132	11.37 ug/L	98
71)	HEXACHLOROBUTADIENE	32.23	225	279298	13.09 ug/L	97
72)	NAPHTHALENE	32.77	128	541549	10.69 ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.47	180	373591	11.58 ug/L	97
74)	NITROBENZENE	29.85	77	187756	179.82 ug/L	93

(#) = qualifier out of range (m) = manual integration
0322C10.D HP031802.M Fri Mar 22 10:45:09 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322C10.D Vial: 2
Acq On : 22 Mar 2002 10:06 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 10:44 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322B2.D Vial: 3
Acq On : 22 Mar 2002 11:16 am Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 11:54 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 Mar 22 09:11:28 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%		

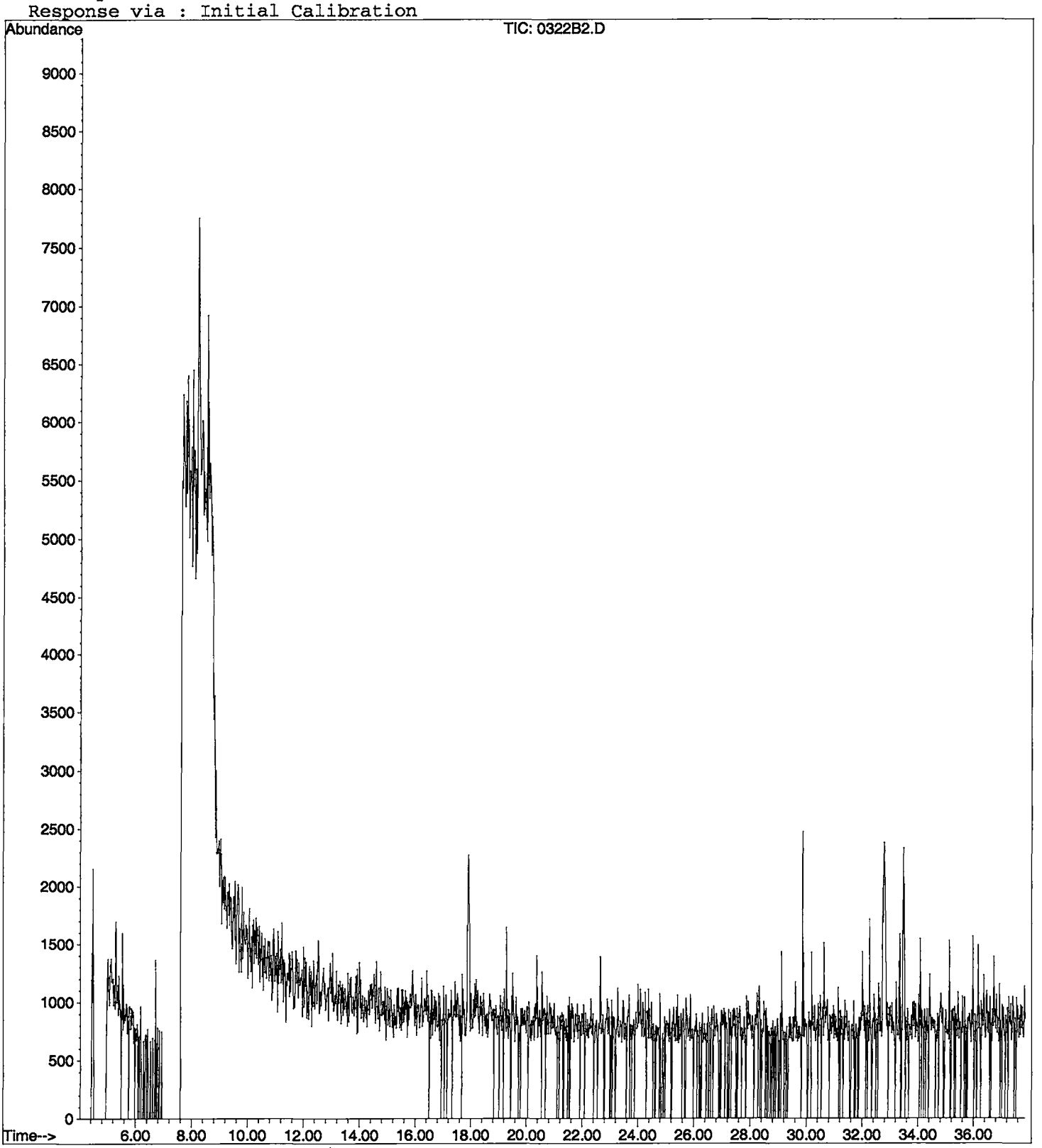
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322B2.D Vial: 3
Acq On : 22 Mar 2002 11:16 am Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 11:54 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:36:11

Sample: AE06588
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/22/02 00:02 Ended: 3/22/02 00:02 Analyst: BH
Result source: a:\0322r5.rr
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		5.7	
2	4-BROMOFLUOROBENZENE		4.9	
3	DICHLORODIFLUOROMETHANE		4.0	.5
4	CHLOROMETHANE		4.2	.5
5	VINYL CHLORIDE		6.1	.5
6	BROMOMETHANE		5.1	.5
7	CHLOROETHANE		5.4	.5
8	TRICHLOROFLUOROMETHANE		5.8	.5
9	ACETONE		5.8	.5
10	1,1-DICHLOROETHENE		3.9	.5
11	METHYLENE CHLORIDE		4.4	.5
12	METHYL TERT BUTYL ETHER		4.8	1
13	TRANS-1,2-DICHLOROETHENE		4.3	.5
14	1,1-DICHLOROETHANE		4.6	.5
15	2-BUTANONE (MEK)		4.8	.5
16	2,2-DICHLOROPROPANE		5.0	.5
17	CIS-1,2-DICHLOROETHENE		4.9	.5
18	CHLOROFORM		5.2	.5
19	BROMOCHLOROMETHANE		4.5	.5
20	1,2-DICHLOROETHANE		5.5	.5
21	TOLUENE-D8		5.3	
22	1,1,1-TRICHLOROETHANE		6.0	.5
23	1,1-DICHLOROPROPENE		5.4	.5
24	CARBON TETRACHLORIDE		6.2	.5
25	BENZENE		5.3	.5
26	TRICHLOROETHENE		5.7	.5
27	1,2-DICHLOROPROPANE		5.1	.5
28	DIBROMOMETHANE		5.9	.5
29	BROMODICHLOROMETHANE		6.0	.5
30	2-CHLOROETHYL VINYL ETHER		3.8	.5
31	METHYL ISO-BUTYL KETONE		4.4	1
32	CIS-1,3-DICHLOROPROPENE		5.3	.5
33	TOLUENE		5.6	.5
34	TRANS-1,3-DICHLOROPROPENE		6.0	.5
35	1,1,2-TRICHLOROETHANE		5.8	.5
36	TETRACHLOROETHENE		6.0	.5
37	1,3-DICHLOROPROPANE		5.3	.5
38	DIBROMOCHLOROMETHANE		6.1	2
39	1,2-DIBROMOETHANE		5.6	.5
40	CHLOROBENZENE		5.7	.5
41	1,1,1,2-TETRACHLOROETHANE		6.2	.5
42	2-HEXANONE		4.6	.5
43	ETHYLBENZENE		6.0	.5
44	P & M-XYLENE		12	.5
45	O-XYLENE		6.0	.5
46	STYRENE		5.9	.5
47	1,1,2,2-TETRACHLOROETHANE		5.4	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:36:11

Sample: AE06588
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/22/02 00:02 Ended: 3/22/02 00:02 Analyst: BH
Result source: a:\0322r5.rr
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		5.7	2
49	ISOPROPYLBENZENE		5.7	.5
50	1,2,3-TRICHLOROPROPANE		5.5	.5
51	N-PROPYLBENZENE		5.4	.5
52	BROMOBENZENE		5.9	.5
53	1,3,5-TRIMETHYLBENZENE		6.0	.5
54	2-CHLOROTOLUENE		5.3	.5
55	4-CHLOROTOLUENE		6.2	.5
56	TERT-BUTYLBENZENE		5.8	.5
57	1,2,4-TRIMETHYLBENZENE		5.8	.5
58	SEC-BUTYLBENZENE		5.7	.5
59	P-ISOPROPYLTOLUENE		6.0	.5
60	1,3-DICHLOROBENZENE		5.8	.5
61	1,4-DICHLOROBENZENE		5.7	.5
62	N-BUTYLBENZENE		5.8	.5
63	1,2-DICHLOROBENZENE		5.8	.5
64	1,2-DIBROMO-3-CHLOROPROPA		4.7	.5
65	1,2,4-TRICHLOROBENZENE		6.2	.5
66	HEXACHLOROBUTADIENE		6.3	.5
67	NAPHTHALENE		5.5	.5
68	1,2,3-TRICHLOROBENZENE		6.5	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		94	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:36:27

Sample: AE06588
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/25/02 14:36 Ended: 3/25/02 14:36 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.7	.5
2	Surr - 4-BROMOFLUOROBENZE		4.9	.5
3	Dichlorodifluoromethane		80	.5
4	Chloromethane		84	.5
5	Vinyl chloride		122	.5
6	Bromomethane		102	.5
7	Chloroethane		108	.5
8	Trichlorofluoromethane		116	.5
9	1,1-Dichloroethene		78	.5
10	Methylene Chloride		88	.5
11	Methyl tert butyl ether		96	1.0
12	trans-1,2-dichloroethene		86	.5
13	1,1-dichloroethane		92	.5
14	2-butanone (MEK)		96	2.0
15	2,2-dichloropropane		100	.5
16	cis-1,2-dichloroethene		98	.5
17	Chloroform		104	.5
18	Bromochloromethane		90	.5
19	1,2-dichloroethane		110	.5
20	Surr - TOLUENE-D8		5.3	.5
21	1,1,1-trichloroethane		120	.5
22	1,1-dichloropropene		108	.5
23	Carbon tetrachloride		124	.5
24	Benzene		106	.5
25	Trichloroethene		114	.5
26	1,2-dichloropropane		102	.5
27	Dibromomethane		118	.5
28	Bromodichloromethane		120	.5
29	Methyl iso-butyl ketone		88	1.0
30	cis-1,3-dichloropropene		106	.5
31	Toluene		112	.5
32	trans-1,3-dichloropropene		120	.5
33	1,1,2-trichloroethane		116	.5
34	Tetrachloroethene		120	.5
35	1,3-dichloropropane		106	.5
36	Dibromochloromethane		122	2.0
37	Chlorobenzene		114	.5
38	1,1,1,2-tetrachloroethane		124	.5
39	Ethylbenzene		120	.5
40	P & M-xylene		120	.5
41	O-xylene		120	.5
42	Styrene		118	.5
43	1,1,2,2-tetrachloroethane		108	.5
44	Bromoform		114	2.0
45	Isopropylbenzene		114	.5
46	1,2,3-trichloropropane		110	.5
47	N-propylbenzene		108	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:36:27

Sample: AE06588
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/25/02 14:36 Ended: 3/25/02 14:36 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		118	.5
49	1,3,5-trimethylbenzene		120	.5
50	2-chlorotoluene		106	.5
51	4-chlorotoluene		124	.5
52	TERT-butylbenzene		116	.5
53	1,2,4-trimethylbenzene		116	.5
54	SEC-butylbenzene		114	.5
55	P-isopropyltoluene		120	.5
56	1,3-dichlorobenzene		116	.5
57	1,4-dichlorobenzene		114	.5
58	N-butylbenzene		116	.5
59	1,2-dichlorobenzene		116	.5
60	1,2,4-trichlorobenzene		124	.5
61	Hexachlorobutadiene		126	.5
62	Naphthalene		110	.5
63	1,2,3-trichlorobenzene	USPEC	130	.5
64	Ethanol			
65	Nitrobenzene		94	5.0

OK

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322R5.D Vial: 3
Acq On : 22 Mar 2002 12:01 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 12:40 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 Mar 22 09:11:28 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1012878	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	910751	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.93	152	507306	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	472575	5.66	ug/L	0.03
Spiked Amount 5.000			Recovery	=	113.20%	
3) 4-BROMOFLUOROBENZENE	24.33	174	402518	4.92	ug/L	0.03
Spiked Amount 5.000			Recovery	=	98.40%	
25) TOLUENE-D8	18.44	98	1171927	5.31	ug/L	0.03
Spiked Amount 5.000			Recovery	=	106.20%	
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	120300	4.00	ug/L	99
5) CHLOROMETHANE	5.47	50	149957	4.20	ug/L	96
6) VINYL CHLORIDE	5.59	62	157939	6.06	ug/L	97
7) BROMOMETHANE	6.56	94	122909	5.11	ug/L	100
8) CHLOROETHANE	6.69	64	135043	5.44	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.26	101	293790	5.82	ug/L	94
12) ACETONE	8.24	43	54932	5.78	ug/L	99
13) 1,1-DICHLOROETHENE	8.58	61	235757	3.89	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	238044	4.43	ug/L	97
15) METHYL TERT BUTYL ETHER	9.89	73	258194	4.75	ug/L	100
16) TRANS-1,2-DICHLOROETHENE	10.25	61	261364	4.30	ug/L	95
17) 1,1-DICHLOROETHANE	11.15	63	318234	4.57	ug/L	96
18) 2-BUTANONE (MEK)	11.99	43	35888	4.82	ug/L	87
19) 2,2-DICHLOROPROPANE	12.36	77	275021	5.02	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.46	96	199126	4.86	ug/L	96
21) CHLOROFORM	12.80	83	395036	5.24	ug/L	98
22) BROMOCHLOROMETHANE	13.18	49	140800	4.50	ug/L	96
23) 1,2-DICHLOROETHANE	14.52	62	287329	5.52	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.69	97	311025	6.05	ug/L	96
27) 1,1-DICHLOROPROPENE	14.01	75	257081	5.44	ug/L	96
28) CARBON TETRACHLORIDE	14.27	117	276643	6.25	ug/L	99
29) BENZENE	14.62	78	620313	5.26	ug/L	98
30) TRICHLOROETHENE	15.88	95	208875	5.67	ug/L	99
31) 1,2-DICHLOROPROPANE	16.24	63	157605	5.12	ug/L	98
32) DIBROMOMETHANE	16.92	174	102983	5.91	ug/L	97
33) BROMODICHLOROMETHANE	16.77	83	279591	6.00	ug/L	95
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	47145	3.84	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.33	58	23314	4.44	ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.86	75	238149	5.34	ug/L	96
37) TOLUENE	18.63	91	711824	5.64	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	196211	5.96	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.29	97	119929	5.76	ug/L	93
40) TETRACHLOROETHENE	20.07	166	224418	6.01	ug/L	97
41) 1,3-DICHLOROPROPANE	19.82	76	205426	5.35	ug/L	97
42) DIBROMOCHLOROMETHANE	20.50	129	163618	6.08	ug/L	100
43) 1,2-DIBROMOETHANE	20.96	107	119058	5.60	ug/L	97
44) CHLOROBENZENE	21.83	112	485429	5.71	ug/L	99
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	185944	6.19	ug/L	98
46) 2-HEXANONE	19.17	43	44808	4.61	ug/L	84
47) ETHYLBENZENE	21.88	91	875441	5.96	ug/L	97
48) P & M-XYLENE	22.03	106	589719	11.78	ug/L	90

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322R5.D Vial: 3
Acq On : 22 Mar 2002 12:01 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 12:40 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 Mar 22 09:11:28 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

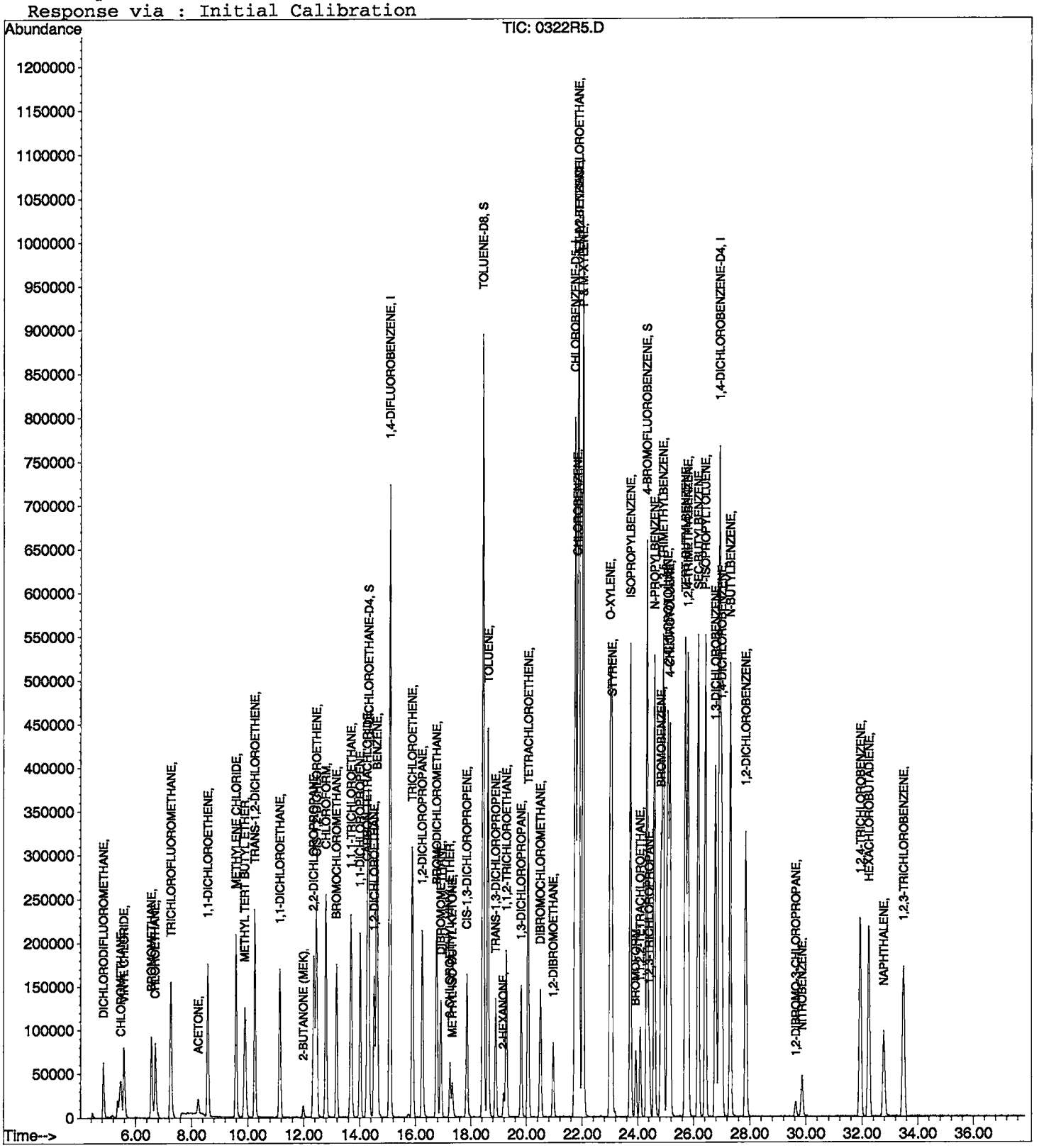
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.00	91	693390	6.01	ug/L	98
50)	STYRENE	23.07	104	450885	5.90	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	113535	5.38	ug/L	96
53)	BROMOFORM	23.92	173	77362	5.71	ug/L	95
54)	ISOPROPYLBENZENE	23.73	105	777008	5.74	ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.41	110	40211	5.49	ug/L	94
56)	N-PROPYLBENZENE	24.60	91	954324	5.42	ug/L	99
57)	BROMOBENZENE	24.84	156	210379	5.91	ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	715293	5.95	ug/L	95
59)	2-CHLOROTOLUENE	25.08	91	643727	5.32	ug/L	97
60)	4-CHLOROTOLUENE	25.15	91	644269	6.18	ug/L	97
61)	TERT-BUTYLBENZENE	25.71	119	641360	5.85	ug/L	96
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	733673	5.84	ug/L	98
63)	SEC-BUTYLBENZENE	26.17	105	852504	5.66	ug/L	97
64)	P-ISOPROPYLTOLUENE	26.42	119	710885	6.05	ug/L	97
65)	1,3-DICHLOROBENZENE	26.78	146	392484	5.78	ug/L	99
66)	1,4-DICHLOROBENZENE	27.00	146	397460	5.66	ug/L	97
67)	N-BUTYLBENZENE	27.31	91	689548	5.77	ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	335467	5.77	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	16849	4.74	ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.94	180	229419	6.25	ug/L	99
71)	HEXACHLOROBUTADIENE	32.25	225	138144	7.28	ug/L	98
72)	NAPHTHALENE	32.77	128	245950	5.46	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.49	180	185397	6.46	ug/L	96
74)	NITROBENZENE	29.86	77	73471	93.80	ug/L	94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322R5.D Vial: 3
Acq On : 22 Mar 2002 12:01 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 12:40 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322R5A.D Vial: 5
Acq On : 22 Mar 2002 2:21 pm Operator: 201-wb
Sample : ref 5 no gases Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 15:00 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 Mar 22 09:11:28 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1005536	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	910758	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.93	152	500719	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	468975	5.66	ug/L	0.04
Spiked Amount 5.000			Recovery =	113.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	394687	4.86	ug/L	0.04
Spiked Amount 5.000			Recovery =	97.20%		
25) TOLUENE-D8	18.44	98	1168695	5.30	ug/L	0.04
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	118964	18.10	ug/L	96
13) 1,1-DICHLOROETHENE	8.58	61	263905	4.39	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	232444	4.35	ug/L	98
15) METHYL TERT BUTYL ETHER	9.89	73	225416	4.18	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.25	61	265602	4.40	ug/L	98
17) 1,1-DICHLOROETHANE	11.15	63	308058	4.45	ug/L	95
18) 2-BUTANONE (MEK)	11.99	43	111509	15.08	ug/L	99
19) 2,2-DICHLOROPROPANE	12.36	77	267003	4.91	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.46	96	181366	4.46	ug/L	99
21) CHLOROFORM	12.80	83	365513	4.89	ug/L	100
22) BROMOCHLOROMETHANE	13.18	49	132964	4.28	ug/L	95
23) 1,2-DICHLOROETHANE	14.52	62	257553	4.98	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	297236	5.78	ug/L	99
27) 1,1-DICHLOROPROPENE	14.01	75	234363	4.95	ug/L	99
28) CARBON TETRACHLORIDE	14.27	117	265464	5.99	ug/L	99
29) BENZENE	14.61	78	569320	4.83	ug/L	97
30) TRICHLOROETHENE	15.89	95	190033	5.16	ug/L	98
31) 1,2-DICHLOROPROPANE	16.24	63	141515	4.60	ug/L	95
32) DIBROMOMETHANE	16.92	174	91820	5.27	ug/L	98
33) BROMODICHLOROMETHANE	16.77	83	240732	5.17	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	48036	3.91	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.33	58	92952	17.70	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.86	75	207493	4.65	ug/L	98
37) TOLUENE	18.63	91	628367	4.98	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	155248	4.72	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.27	97	104341	5.01	ug/L	97
40) TETRACHLOROETHENE	20.07	166	205555	5.50	ug/L	94
41) 1,3-DICHLOROPROPANE	19.82	76	179773	4.68	ug/L	95
42) DIBROMOCHLOROMETHANE	20.50	129	137787	5.12	ug/L	92
43) 1,2-DIBROMOETHANE	20.96	107	101083	4.76	ug/L	100
44) CHLOROBENZENE	21.83	112	426725	5.02	ug/L	100
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	162146	5.40	ug/L	95
46) 2-HEXANONE	19.17	43	163106	16.78	ug/L	98
47) ETHYLBENZENE	21.88	91	753367	5.13	ug/L	99
48) P & M-XYLENE	22.03	106	513138	10.25	ug/L	94
49) O-XYLENE	23.00	91	594049	5.15	ug/L	96
50) STYRENE	23.07	104	382768	5.00	ug/L	99
51) 1,1,2,2-TETRACHLOROETHANE	24.09	83	95877	4.55	ug/L	100
53) BROMOFORM	23.92	173	68132	5.09	ug/L	98
54) ISOPROPYLBENZENE	23.73	105	674596	5.05	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.42	110	33777	4.66	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322R5A.D Vial: 5
Acq On : 22 Mar 2002 2:21 pm Operator: 201-wb
Sample : ref 5 no gases Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 15:00 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 Mar 22 09:11:28 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

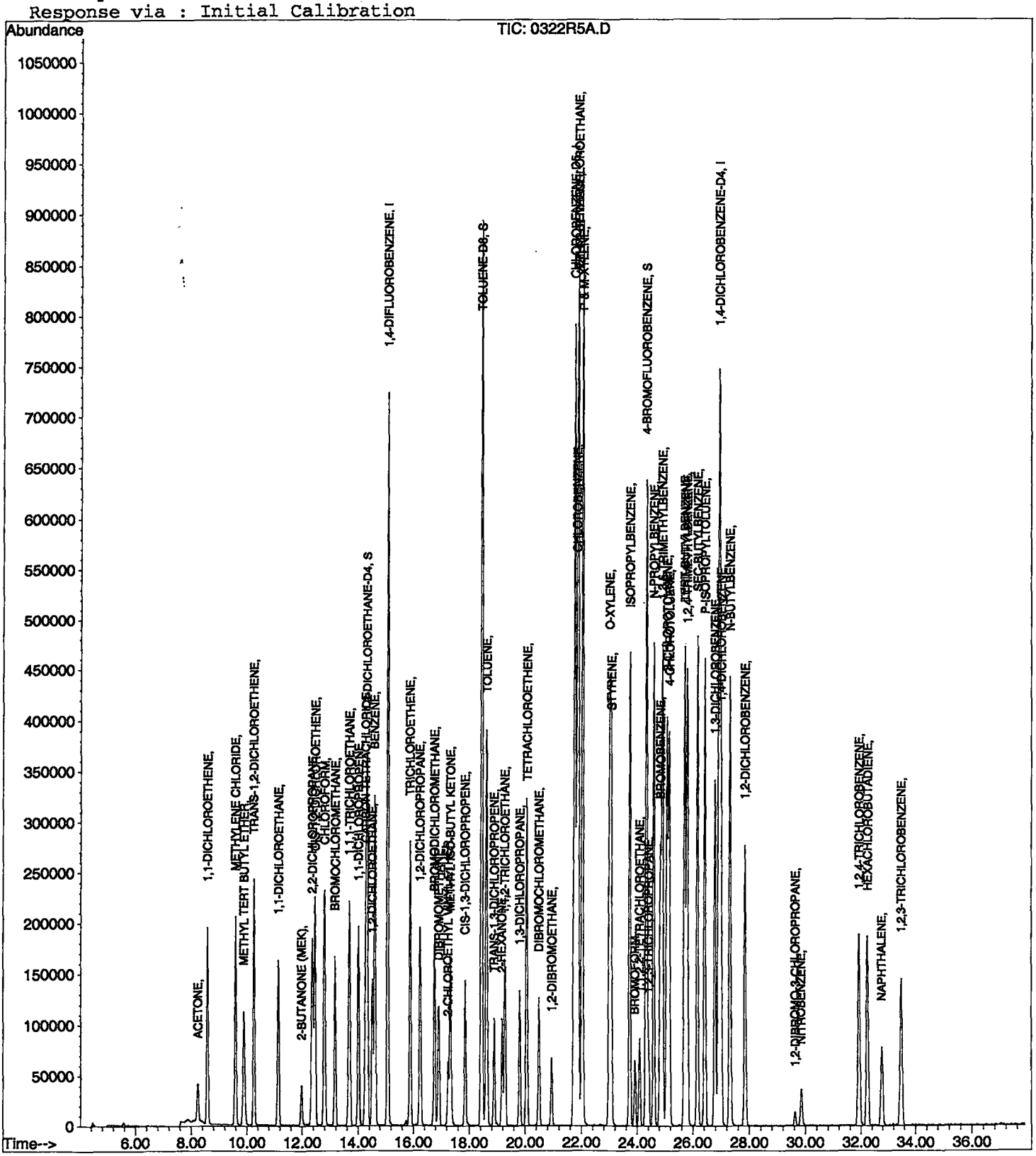
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
56) N-PROPYLBENZENE	24.60	91	863102	4.97	ug/L	99
57) BROMOBENZENE	24.84	156	179700	5.11	ug/L	94
58) 1,3,5-TRIMETHYLBENZENE	24.91	105	609020	5.14	ug/L	97
59) 2-CHLOROTOLUENE	25.08	91	563221	4.71	ug/L	98
60) 4-CHLOROTOLUENE	25.16	91	555109	5.40	ug/L	98
61) TERT-BUTYLBENZENE	25.71	119	552719	5.11	ug/L	95
62) 1,2,4-TRIMETHYLBENZENE	25.79	105	628827	5.07	ug/L	96
63) SEC-BUTYLBENZENE	26.17	105	746255	5.02	ug/L	99
64) P-ISOPROPYLTOLUENE	26.42	119	584529	5.04	ug/L	97
65) 1,3-DICHLOROBENZENE	26.78	146	339060	5.06	ug/L	98
66) 1,4-DICHLOROBENZENE	27.00	146	349742	5.04	ug/L	98
67) N-BUTYLBENZENE	27.31	91	586146	4.97	ug/L	98
68) 1,2-DICHLOROBENZENE	27.85	146	285520	4.98	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	14438	4.13	ug/L	99
70) 1,2,4-TRICHLOROBENZENE	31.94	180	187696	5.18	ug/L	98
71) HEXACHLOROBUTADIENE	32.25	225	118425	6.32	ug/L	95
72) NAPHTHALENE	32.77	128	193057	4.34	ug/L	100
73) 1,2,3-TRICHLOROBENZENE	33.49	180	152893	5.39	ug/L	95
74) NITROBENZENE	29.85	77	60657	82.75	ug/L	91

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322R5A.D Vial: 5
Acq On : 22 Mar 2002 2:21 pm Operator: 201-wb
Sample : ref 5 no gases Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 15:00 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322B3.D Vial: 4
Acq On : 22 Mar 2002 1:31 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 14:10 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 Mar 22 09:11:28 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	14.30	65	716	0.00	ug/L	0.02
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%		

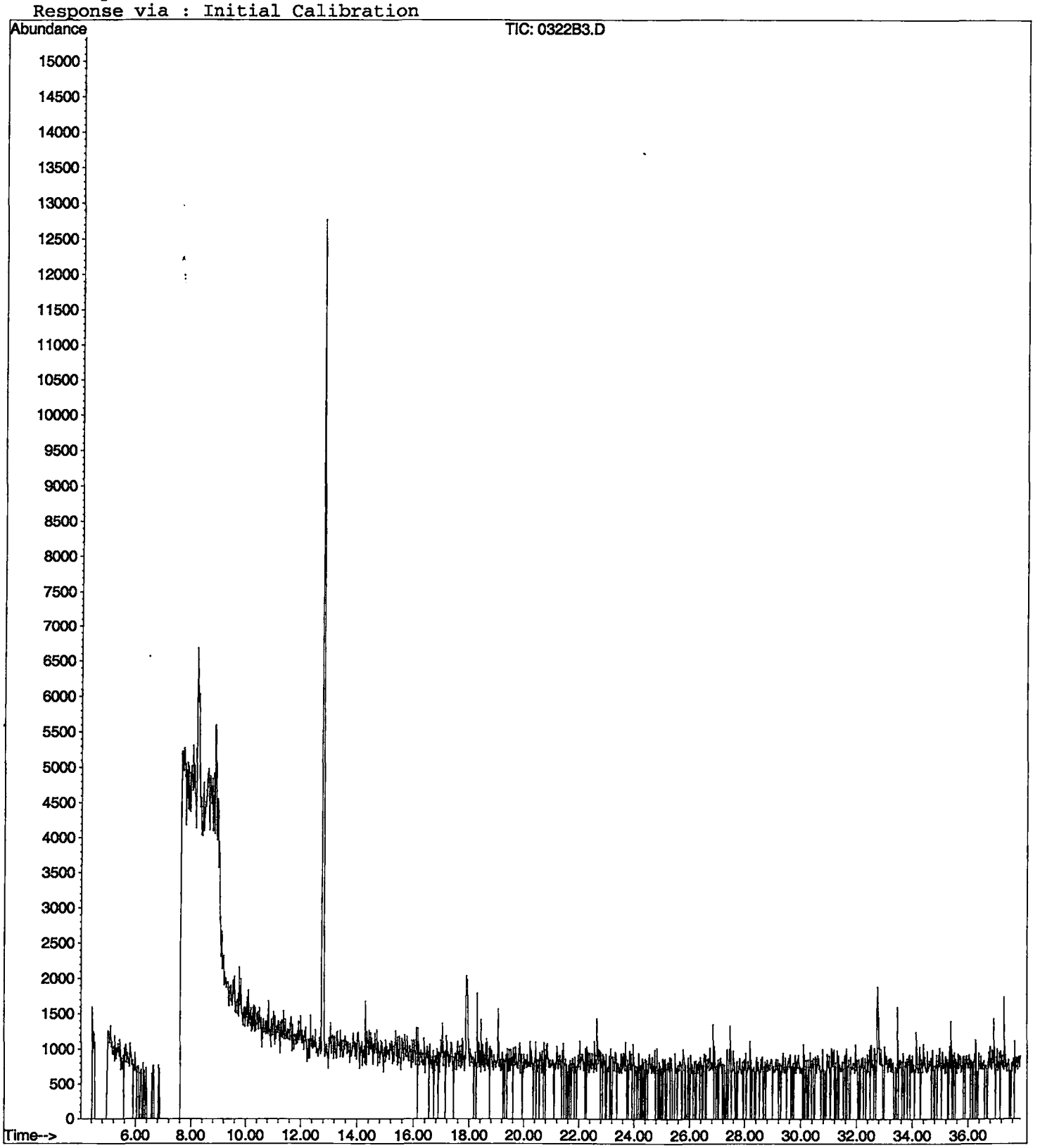
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
0322B3.D HP031802.M Fri Mar 22 14:10:24 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322B3.D Vial: 4
Acq On : 22 Mar 2002 1:31 pm Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 14:10 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322B4.D Vial: 4
Acq On : 22 Mar 2002 4:19 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multipl: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 16:57 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 Mar 22 14:32:26 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%		

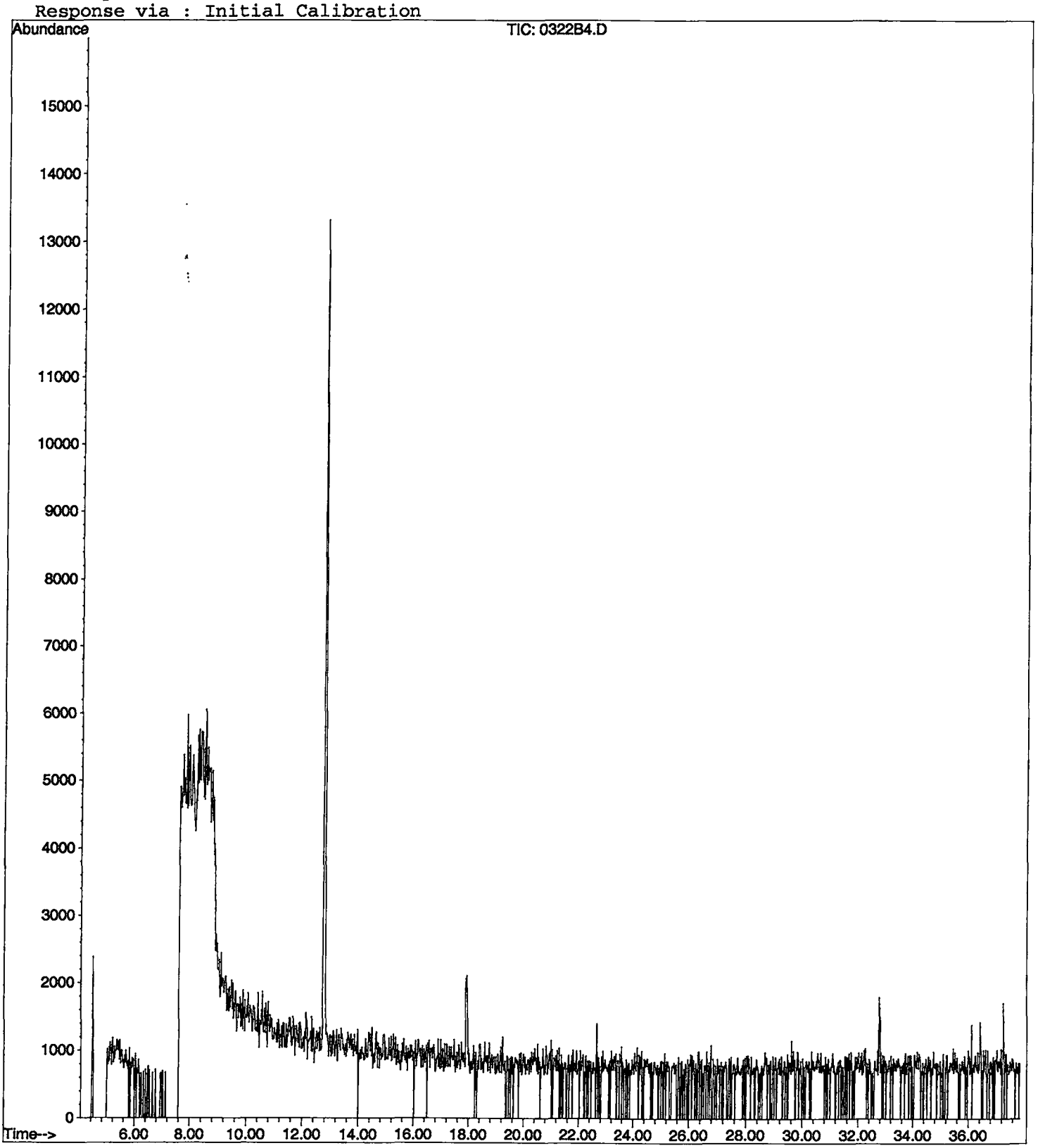
Target Compounds Qvalue

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322B4.D Vial: 4
Acq On : 22 Mar 2002 4:19 pm Operator: 201-wb
Sample : lb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 16:57 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:33:56

Sample: AE06588
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:05 Ended: 3/22/02 00:05 Analyst: BH
Result source: a:\6588.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY AV
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:33:56

Sample: AE06588
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:05 Ended: 3/22/02 00:05 Analyst: BH
Result source: a:\6588.rr
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		< 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\02MAR22\6588.D Vial: 5
Acq On : 22 Mar 2002 5:03 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:58 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	748524	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	668701	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.93	152	318039	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	349035	5.66	ug/L	0.04
Spiked Amount 5.000			Recovery = 113.20%			
3) 4-BROMOFLUOROBENZENE	24.33	174	261851	4.33	ug/L	0.04
Spiked Amount 5.000			Recovery = 86.60%			
25) TOLUENE-D8	18.44	98	872892	5.39	ug/L	0.04
Spiked Amount 5.000			Recovery = 107.80%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	13541	3.37	ug/L	92

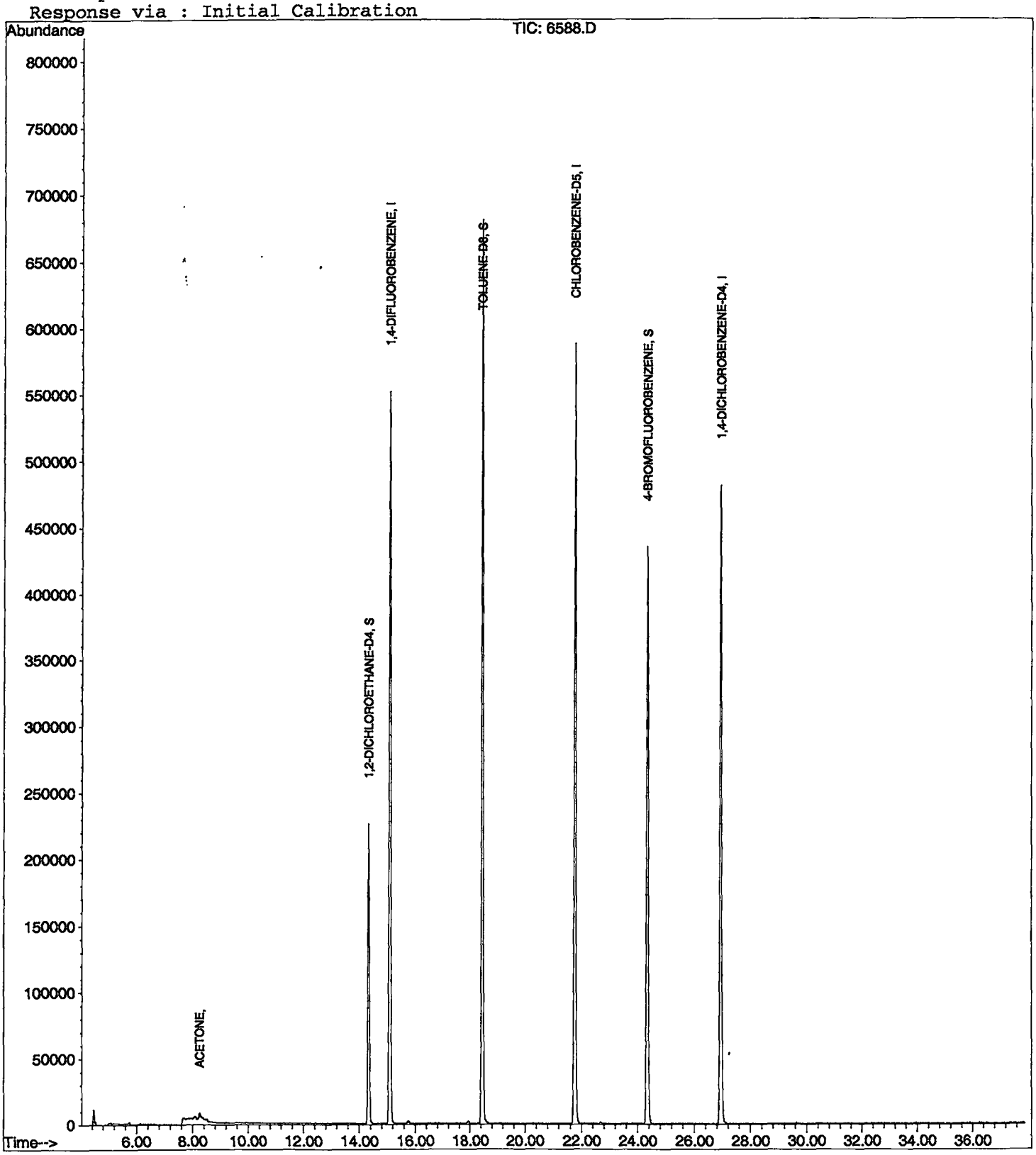
(#) = qualifier out of range (m) = manual integration
6588.D HP031802.M Thu Mar 28 15:58:30 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\[illegible]MAR22\6588.D
Acq On : 22 Mar 2002 5:03 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:58 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 : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:37:32

Sample: AE06588
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/22/02 00:05 Ended: 3/22/02 00:05 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.0
2	Surr - 4-BROMOFLUOROBENZE		0.0
3	DICHLORODIFLUOROMETHANE		< 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 (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< 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-BROMODICHLOROMETH		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETH		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< 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-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:37:32

Sample: AE06588
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/22/02 00:05 Ended: 3/22/02 00:05 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
48	1,2,3-TRICHLOROPROPANE		< MDL
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-CHLOROPROPA		< 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: 03/25/2002 Time: 14:37:18

Sample: AE06588
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/22/02 00:05 Ended: 3/22/02 00:05 Analyst: BH
Result source: a:\6588d.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.7	.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< 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		5.4	.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-Bromodichloromethar		< MDL	.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:37:18

Sample: AE06588
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/22/02 00:05 Ended: 3/22/02 00:05 Analyst: BH
Result source: a:\6588d.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR22\6588D.D Vial: 6
Acq On : 22 Mar 2002 5:46 pm Operator: 201-wb
Sample : nyc; dup. Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:58 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	693498	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	616207	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.94	152	293370	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	326826	5.72	ug/L	0.04
Spiked Amount 5.000			Recovery = 114.40%			
3) 4-BROMOFLUOROBENZENE	24.33	174	241832	4.31	ug/L	0.04
Spiked Amount 5.000			Recovery = 86.20%			
25) TOLUENE-D8	18.44	98	803440	5.38	ug/L	0.04
Spiked Amount 5.000			Recovery = 107.60%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	13486	3.62	ug/L	91

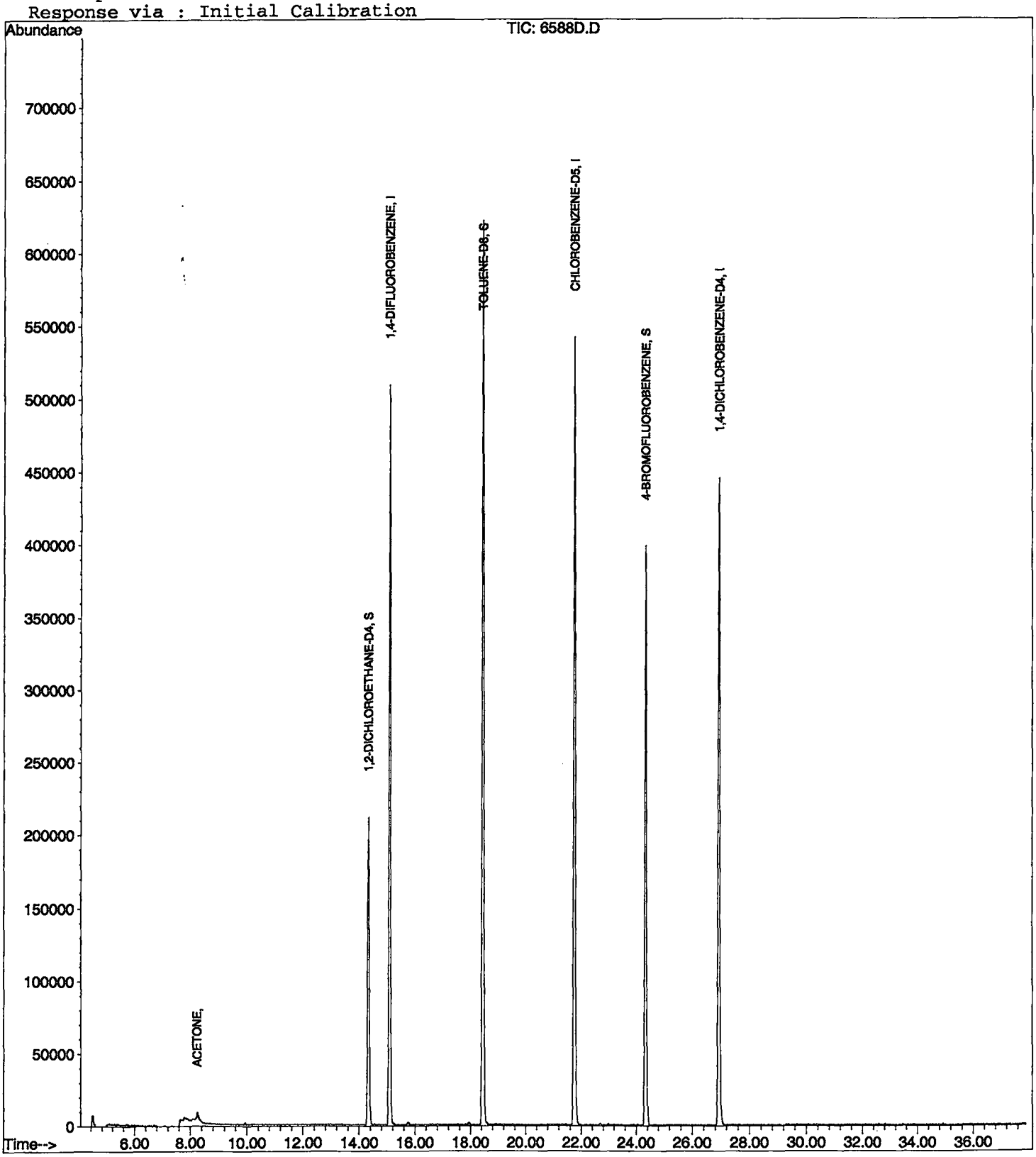
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6588D.D
Acq On : 22 Mar 2002 5:46 pm
Sample : nyc; dup.
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:58 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 : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:39:03

Sample: AE06589
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:06 Ended: 3/22/02 00:06 Analyst: BH
Result source: a:\6589.rr
Page: 1

	Component Name	Vlol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.5	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.4	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY
DATE 3/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:39:03

Sample: AE06589
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:06 Ended: 3/22/02 00:06 Analyst: BH
Result source: a:\6589.rr
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		< 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\02MAR22\6589.D Vial: 6
Acq On : 22 Mar 2002 6:29 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:59 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

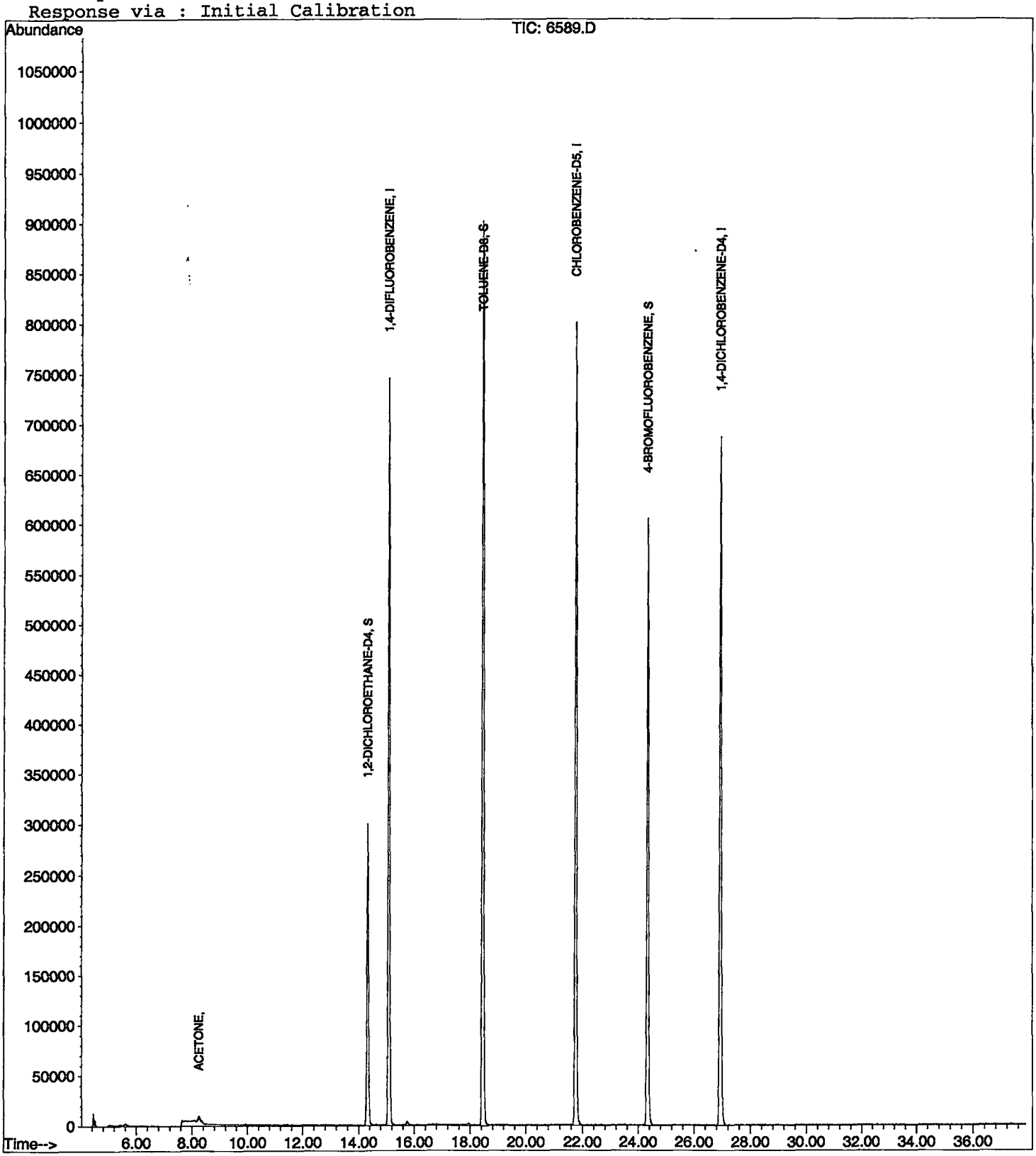
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1024818	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	912755	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.94	152	446635	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	467874	5.54	ug/L	0.04
Spiked Amount 5.000			Recovery	= 110.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	366720	4.43	ug/L	0.04
Spiked Amount 5.000			Recovery	= 88.60%		
25) TOLUENE-D8	18.44	98	1188852	5.38	ug/L	0.04
Spiked Amount 5.000			Recovery	= 107.60%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	14689	2.67	ug/L	85

(#) = qualifier out of range (m) = manual integration
6589.D HP031802.M Thu Mar 28 16:00:03 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6589.D Vial: 6
Acq On : 22 Mar 2002 6:29 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:59 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:50:45

Sample: AE06590
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:07 Ended: 3/22/02 00:07 Analyst: BH
Result source: a:\6590.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:50:45

Sample: AE06590
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:07 Ended: 3/22/02 00:07 Analyst: BH
Result source: a:\6590.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\02MAR22\6590.D Vial: 6
Acq On : 22 Mar 2002 7:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:00 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

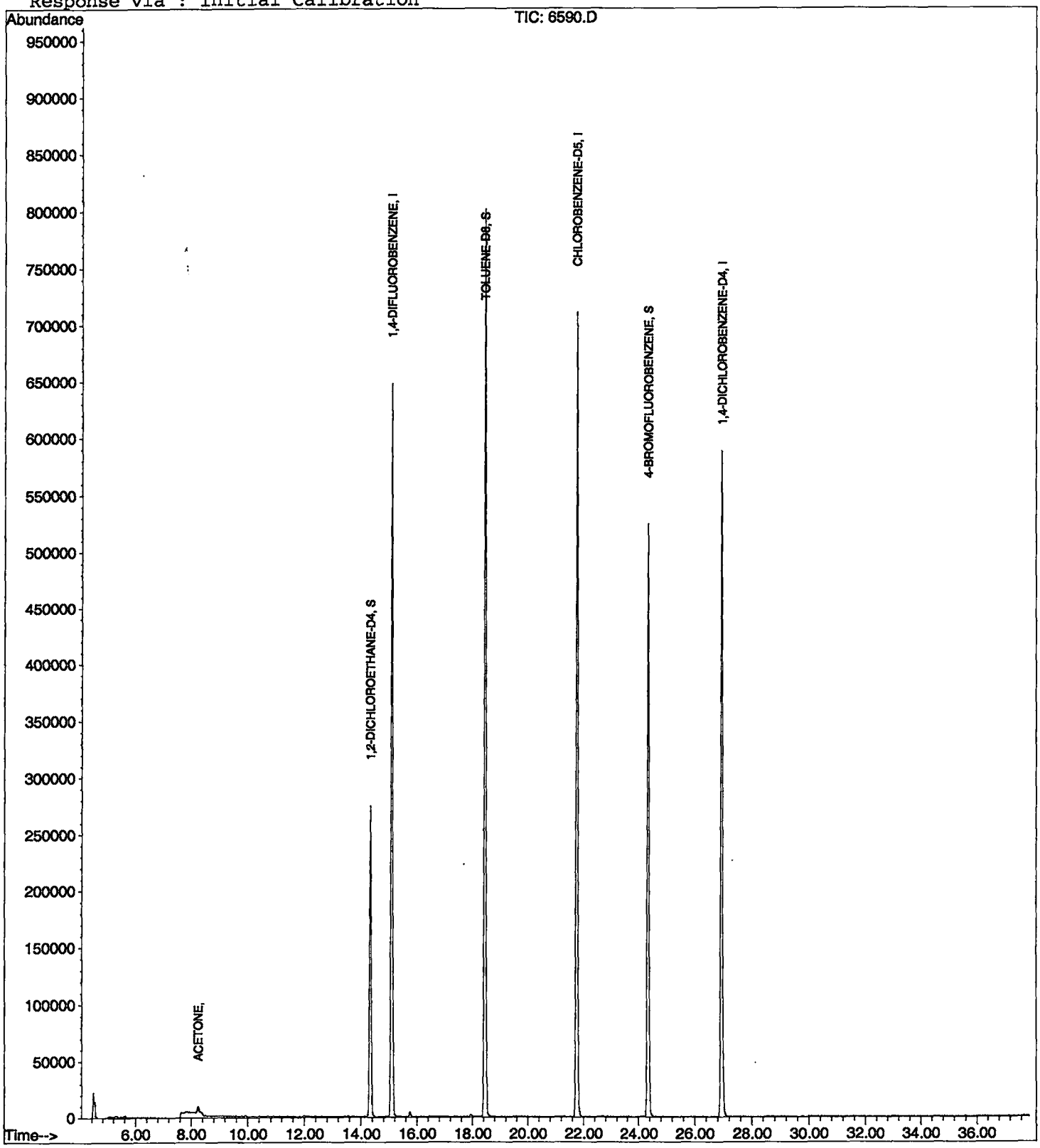
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	891090	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	797880	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.93	152	386037	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	420305	5.72	ug/L	0.03
Spiked Amount 5.000			Recovery = 114.40%			
3) 4-BROMOFLUOROBENZENE	24.33	174	317587	4.41	ug/L	0.03
Spiked Amount 5.000			Recovery = 88.20%			
25) TOLUENE-D8	18.44	98	1027581	5.32	ug/L	0.03
Spiked Amount 5.000			Recovery = 106.40%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	15697	3.28	ug/L	79

(#) = qualifier out of range (m) = manual integration
6590.D HP031802.M Thu Mar 28 16:00:35 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\22MAR22\6590.D Vial: 6
Acq On : 22 Mar 2002 7:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:00 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02mar22\6590.D
Acq On : 22 Mar 2002 7:12 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

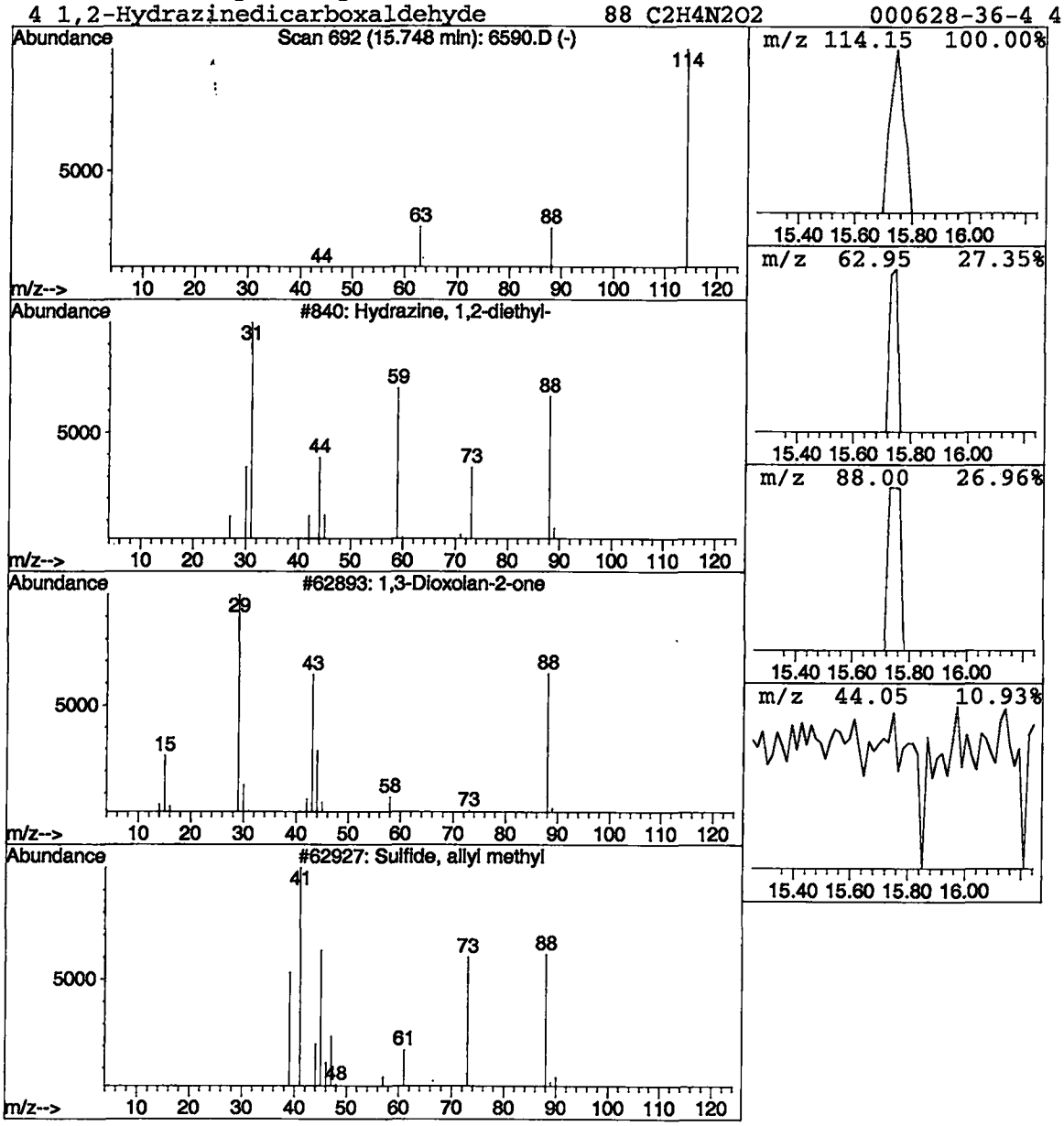
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hydrazine, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	12532	1,4-DIFLUOROBENZENE	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
2	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3	Sulfide, allyl methyl	88	C4H8S	010152-76-8	4
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:40:17

Sample: AE06793
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:07 Ended: 3/22/02 00:07 Analyst: BH
Result source: a:\6793.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.4	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY AV
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:40:17

Sample: AE06793
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:07 Ended: 3/22/02 00:07 Analyst: BH
Result source: a:\6793.rr
Page: 2

	Component Name	Vial	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		< 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\02MAR22\6793.D Vial: 7
Acq On : 22 Mar 2002 7:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:00 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

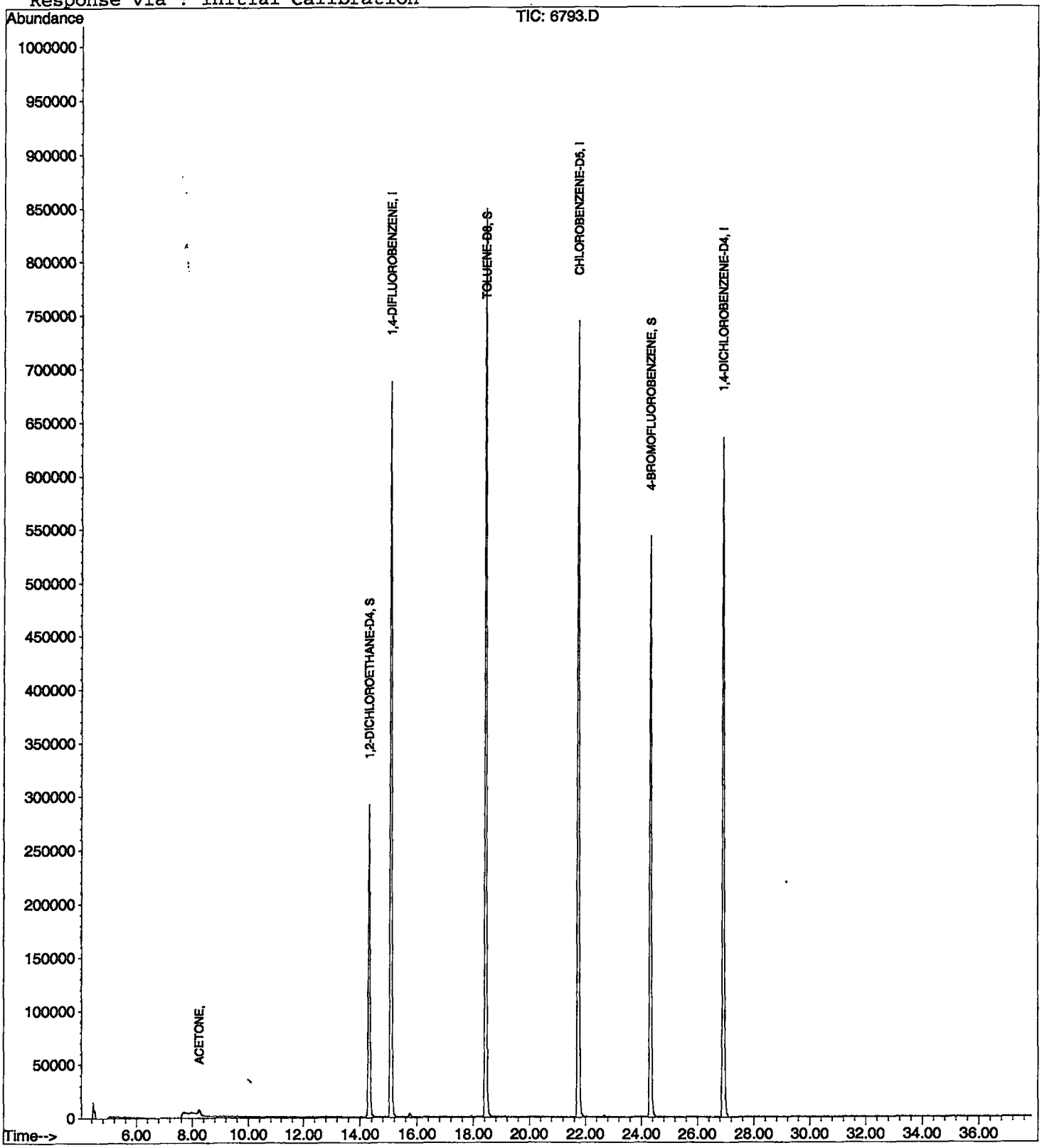
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	954887	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	841698	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	407789	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	446285	5.67	ug/L	0.04
Spiked Amount 5.000			Recovery = 113.40%			
3) 4-BROMOFLUOROBENZENE	24.33	174	337305	4.37	ug/L	0.04
Spiked Amount 5.000			Recovery = 87.40%			
25) TOLUENE-D8	18.44	98	1092573	5.36	ug/L	0.04
Spiked Amount 5.000			Recovery = 107.20%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	10767	2.10	ug/L	93

(#) = qualifier out of range (m) = manual integration
6793.D HP031802.M Thu Mar 28 16:01:06 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6793.D Vial: 7
Acq On : 22 Mar 2002 7:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:00 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02mar22\6793.D Vial: 7
Acq On : 22 Mar 2002 7:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

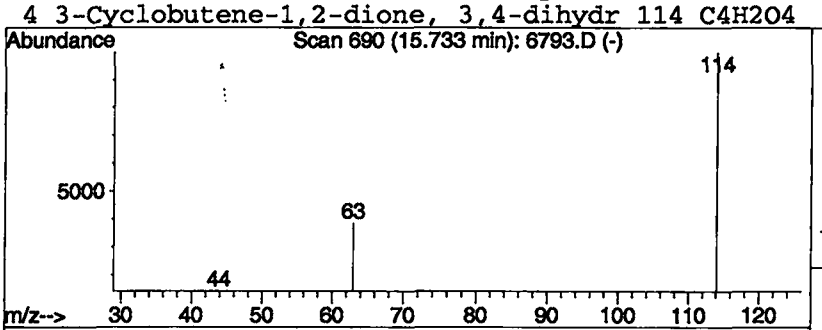
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

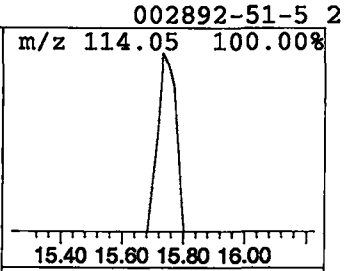
****

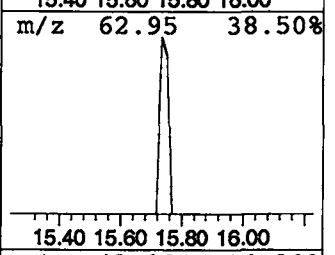
Peak Number 1 3-Hexanone, 2-methyl- Concentration Rank 1

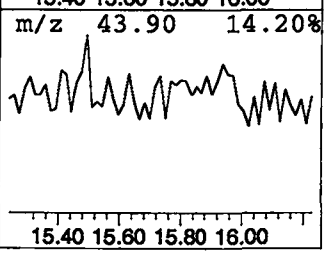
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	13527	1,4-DIFLUOROBENZENE	15.09

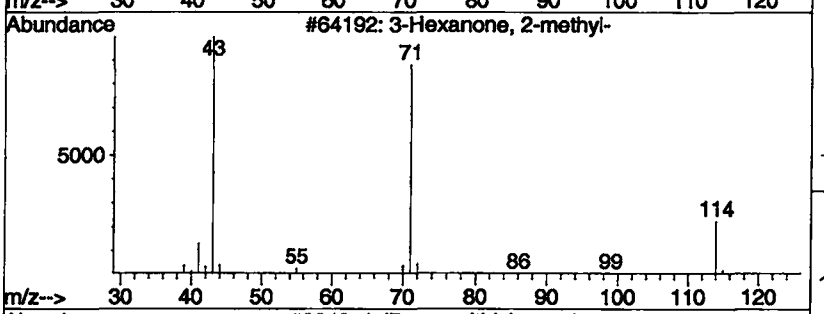
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

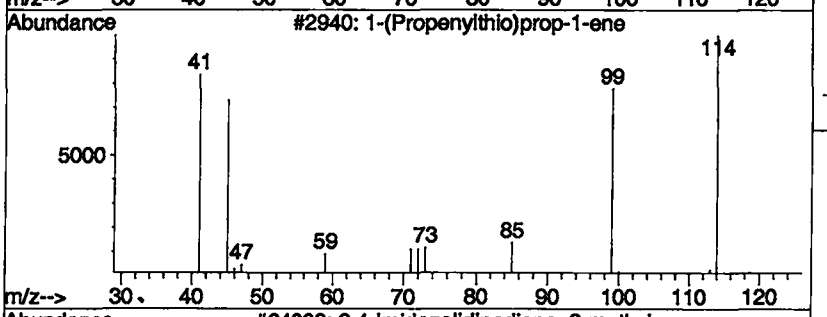


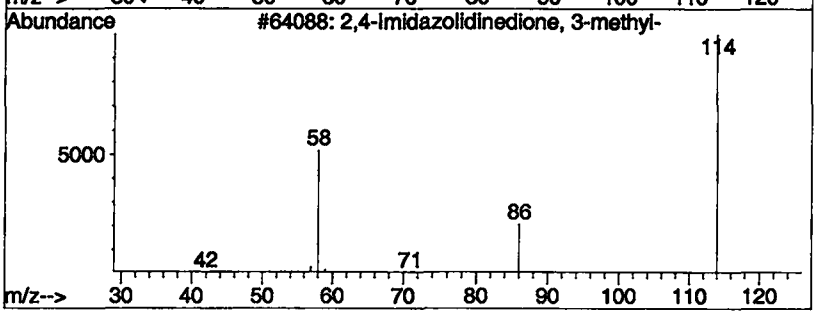












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:52:00

Sample: AE06794
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:08 Ended: 3/22/02 00:08 Analyst: BH
Result source: a:\6794.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:52:00

Sample: AE06794
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:08 Ended: 3/22/02 00:08 Analyst: BH
Result source: a:\6794.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR22\6794.D Vial: 8
Acq On : 22 Mar 2002 8:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:02 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	901447	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	821893	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	385238	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	426997	5.75	ug/L	0.04
Spiked Amount 5.000			Recovery = 115.00%			
3) 4-BROMOFLUOROBENZENE	24.33	174	328233	4.51	ug/L	0.04
Spiked Amount 5.000			Recovery = 90.20%			
25) TOLUENE-D8	18.44	98	1054624	5.30	ug/L	0.04
Spiked Amount 5.000			Recovery = 106.00%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	9822	2.03	ug/L	53

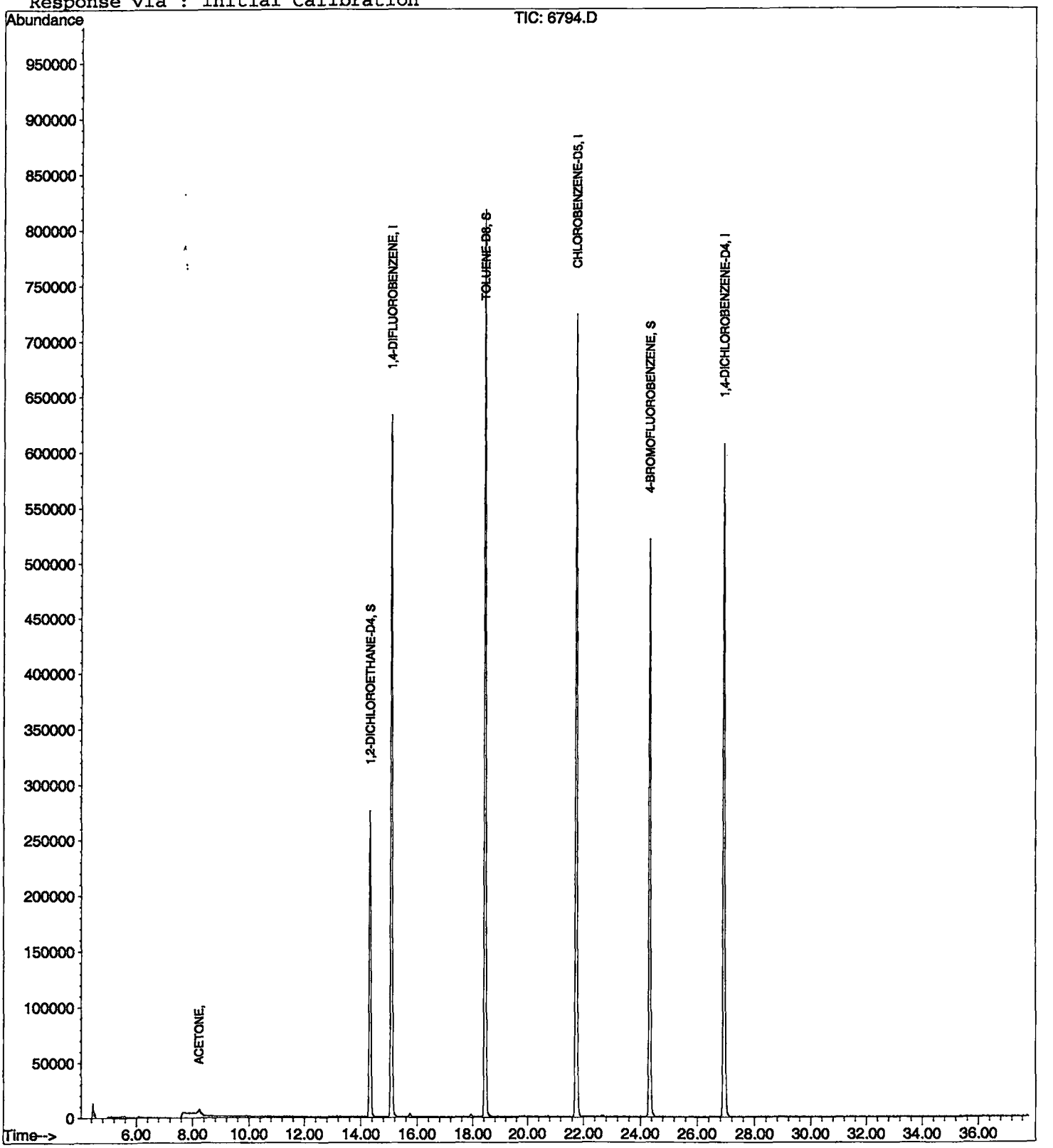
(#) = qualifier out of range (m) = manual integration
6794.D HP031802.M Thu Mar 28 16:02:15 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6794.D
Acq On : 22 Mar 2002 8:39 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:02 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 : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:34:57

Sample: AE06588
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/22/02 00:09 Ended: 3/22/02 00:09 Analyst: BH
Result source: a:\0322c10a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.9	.5
2	Surr_4-BROMOFLUOROBENZEN		5.2	.5
3	Dichlorodifluoromethane		9.4	.5
4	Chloromethane		9.8	.5
5	Vinyl chloride	USPEC	14	.5
6	Bromomethane		12	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		11	.5
9	1,1-Dichloroethene		8.5	.5
10	Methylene Chloride		9.3	.5
11	Methyl tert-butyl ether (MTB		12	1.0
12	trans-1,2-dichloroethene		9.3	.5
13	1,1-dichloroethane		9.4	.5
14	2-butanone (MEK)		35	2.0
15	2,2-dichloropropane		9.2	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		11	.5
18	Bromochloromethane		9.4	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		5.1	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		9.9	.5
23	Carbon tetrachloride		12	.5
24	Benzene		9.9	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		9.8	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		41	1.0
30	cis-1,3-dichloropropene		10	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		11	.5
35	1,3-dichloropropane		10	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		11	.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		10	.5
44	Bromoform		12	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		9.8	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:34:57

Sample: AE06588
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/22/02 00:09 Ended: 3/22/02 00:09 Analyst: BH
Result source: a:\0322c10a.rr
Page: 2

	Component Name	Vlol	Result	MDL
48	Bromobenzene		11	.5
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		10	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		9.8	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		10	.5
58	N-butylbenzene		9.9	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		12	.5
61	Hexachlobutadiene		12	.5
62	Naphthalene		10	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene		170	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\c?mar22\0322C10A.D Vial: 2
Acq On : 22 Mar 2002 9:23 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 22:01 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 Mar 22 14:32:26 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	919408	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	873054	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	476210	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	447713	5.91	ug/L	0.03
Spiked Amount 5.000			Recovery =	118.20%		
3) 4-BROMOFLU0ROBENZENE	24.33	174	383308	5.16	ug/L	0.03
Spiked Amount 5.000			Recovery =	103.20%		
25) TOLUENE-D8	18.44	98	1085082	5.13	ug/L	0.03
Spiked Amount 5.000			Recovery =	102.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	256116	9.38	ug/L	99
5) CHLOROMETHANE	5.45	50	323498	9.84	ug/L	94
6) VINYL CHLORIDE	5.57	62	252275	13.91	ug/L	96
7) BROMOMETHANE	6.56	94	258971	11.86	ug/L	97
8) CHLOROETHANE	6.69	64	245814	10.90	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.25	101	513229	11.20	ug/L	98
10) Isopropyl Alcohol	7.87	45	15444	17.70	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.12	101	6129	0.30	ug/L	87
12) ACETONE	8.22	43	218724	41.09	ug/L	98
13) 1,1-DICHLOROETHENE	8.58	61	469643	8.55	ug/L	100
14) METHYLENE CHLORIDE	9.59	49	453914	9.30	ug/L	99
15) METHYL TERT BUTYL ETHER	9.89	73	601821	12.20	ug/L	100
16) TRANS-1,2-DICHLOROETHENE	10.25	61	513195	9.30	ug/L	97
17) 1,1-DICHLOROETHANE	11.14	63	592107	9.36	ug/L	99
18) 2-BUTANONE (MEK)	11.97	43	239915	35.48	ug/L	99
19) 2,2-DICHLOROPROPANE	12.36	77	455187	9.24	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.46	96	373863	10.06	ug/L	95
21) CHLOROFORM	12.79	83	727540	10.64	ug/L	100
22) BROMOCHLOROMETHANE	13.16	49	267234	9.41	ug/L	96
23) 1,2-DICHLOROETHANE	14.51	62	518400	10.97	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	555023	11.26	ug/L	98
27) 1,1-DICHLOROPROPENE	14.01	75	448049	9.88	ug/L	98
28) CARBON TETRACHLORIDE	14.27	117	490414	11.55	ug/L	100
29) BENZENE	14.61	78	1114283	9.87	ug/L	98
30) TRICHLOROETHENE	15.89	95	371580	10.53	ug/L	98
31) 1,2-DICHLOROPROPANE	16.24	63	287801	9.76	ug/L	96
32) DIBROMOMETHANE	16.92	174	189775	11.35	ug/L	86
33) BROMODICHLOROMETHANE	16.75	83	502850	11.26	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	112995	9.60	ug/L	92
35) METHYL ISO-BUTYL KETONE	17.32	58	208364	41.38	ug/L	88
36) CIS-1,3-DICHLOROPROPENE	17.84	75	430889	10.08	ug/L	98
37) TOLUENE	18.61	91	1238956	10.24	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	338211	10.72	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.27	97	211904	10.61	ug/L	95
40) TETRACHLOROETHENE	20.06	166	386388	10.79	ug/L	99
41) 1,3-DICHLOROPROPANE	19.80	76	378226	10.28	ug/L	95
42) DIBROMOCHLOROMETHANE	20.50	129	298018	11.56	ug/L	97
43) 1,2-DIBROMOETHANE	20.94	107	214766	10.54	ug/L	97
44) CHLOROBENZENE	21.83	112	857500	10.52	ug/L	100
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	330256	11.48	ug/L	96
46) 2-HEXANONE	19.17	43	381743	40.96	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\22mar22\0322C10A.D Vial: 2
Acq On : 22 Mar 2002 9:23 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 22:01 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 Mar 22 14:32:26 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

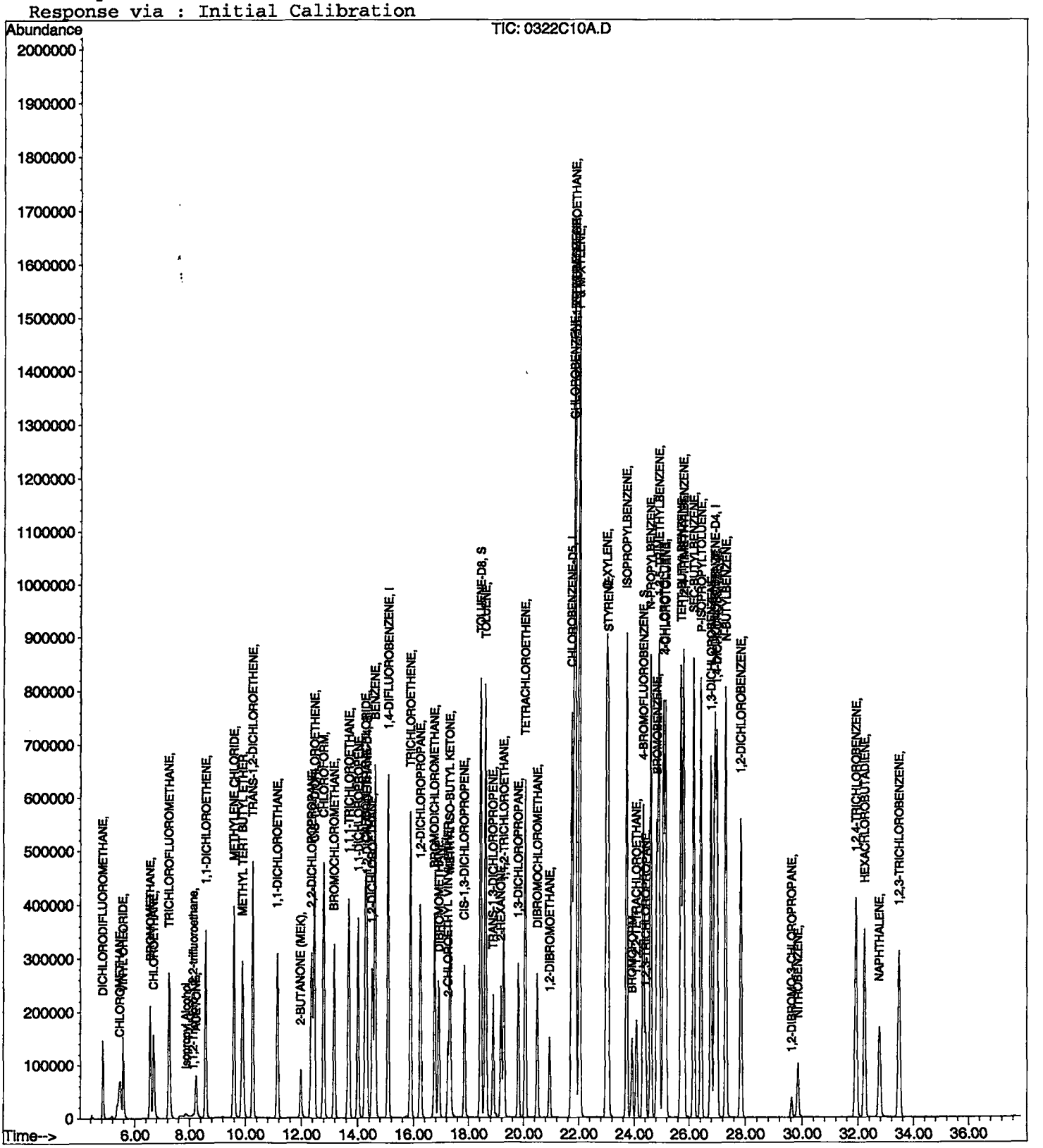
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	ETHYLBENZENE	21.86	91	1484558	10.55	ug/L	100
48)	P & M-XYLENE	22.01	106	985313	20.54	ug/L	91
49)	O-XYLENE	23.00	91	1185050	10.72	ug/L	97
50)	STYRENE	23.05	104	770515	10.51	ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.07	83	205668	10.17	ug/L	99
53)	BROMOFORM	23.92	173	153054	12.02	ug/L	97
54)	ISOPROPYLBENZENE	23.72	105	1316586	10.35	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	74952	11.01	ug/L	93
56)	N-PROPYLBENZENE	24.58	91	1619979	9.80	ug/L	97
57)	BROMOBENZENE	24.84	156	365654	10.94	ug/L	92
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1189846	10.55	ug/L	100
59)	2-CHLOROTOLUENE	25.08	91	1186235	10.44	ug/L	98
60)	4-CHLOROTOLUENE	25.15	91	987536	10.09	ug/L	99
61)	TERT-BUTYLBENZENE	25.71	119	1055958	10.26	ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	1246233	10.56	ug/L	96
63)	SEC-BUTYLBENZENE	26.15	105	1383722	9.79	ug/L	97
64)	P-ISOPROPYLTOLUENE	26.42	119	1133681	10.27	ug/L	98
65)	1,3-DICHLOROBENZENE	26.78	146	675478	10.59	ug/L	100
66)	1,4-DICHLOROBENZENE	26.99	146	686264	10.40	ug/L	99
67)	N-BUTYLBENZENE	27.31	91	1106715	9.87	ug/L	99
68)	1,2-DICHLOROBENZENE	27.84	146	580757	10.64	ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.62	157	33524	9.93	ug/L	96
70)	1,2,4-TRICHLOROBENZENE	31.92	180	398856	11.57	ug/L	99
71)	HEXACHLOROBUTADIENE	32.23	225	217472	12.21	ug/L	95
72)	NAPHTHALENE	32.76	128	423545	10.01	ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.47	180	326884	12.13	ug/L	97
74)	NITROBENZENE	29.85	77	151518	174.62	ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322C10A.D Vial: 2
Acq On : 22 Mar 2002 9:23 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 22:01 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322B5.D Vial: 3
Acq On : 22 Mar 2002 10:06 pm Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 22:45 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 Mar 22 14:32:26 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-BROMOFLU0ROBENZENE	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%	

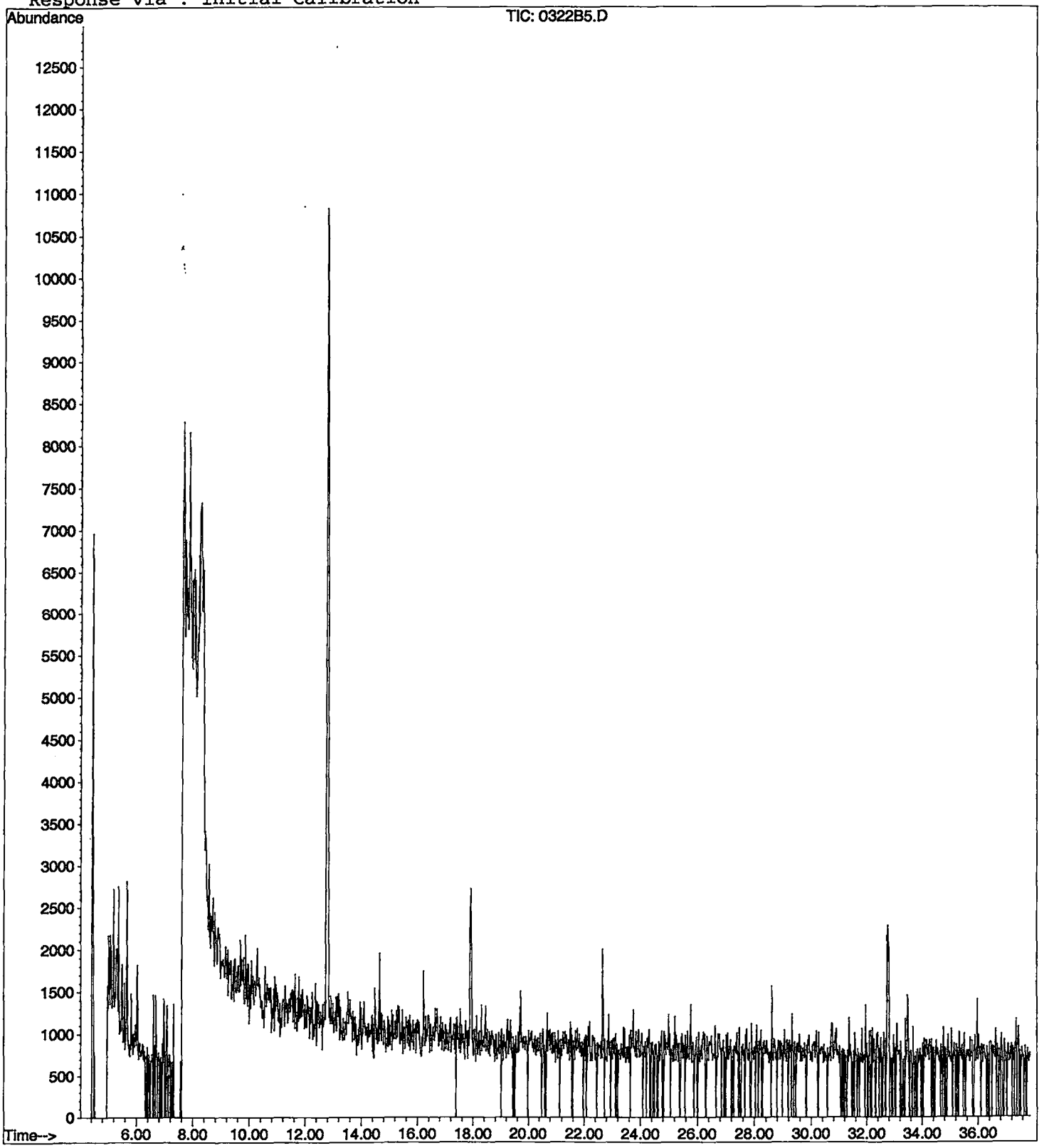
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
0322B5.D HP031802.M Fri Mar 22 22:45:28 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322B5.D Vial: 3
Acq On : 22 Mar 2002 10:06 pm Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 22 22:45 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:41:19

Sample: AE06795
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:00 Ended: 3/22/02 00:00 Analyst: BH
Result source: a:\6795.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY AV
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:41:19

Sample: AE06795
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:00 Ended: 3/22/02 00:00 Analyst: BH
Result source: a:\6795.rr
Page: 2

	Component Name	Vlol	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		< 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\02MAR22\6795.D Vial: 8
Acq On : 22 Mar 2002 10:50 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:02 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1015752	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	896944	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	415694	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	480097	5.74	ug/L	0.03
Spiked Amount 5.000			Recovery = 114.80%			
3) 4-BROMOFLUOROBENZENE	24.33	174	355665	4.33	ug/L	0.03
Spiked Amount 5.000			Recovery = 86.60%			
25) TOLUENE-D8	18.44	98	1171373	5.39	ug/L	0.03
Spiked Amount 5.000			Recovery = 107.80%			
Target Compounds						Qvalue
12) ACETONE	8.22	43	12929	2.37	ug/L	100

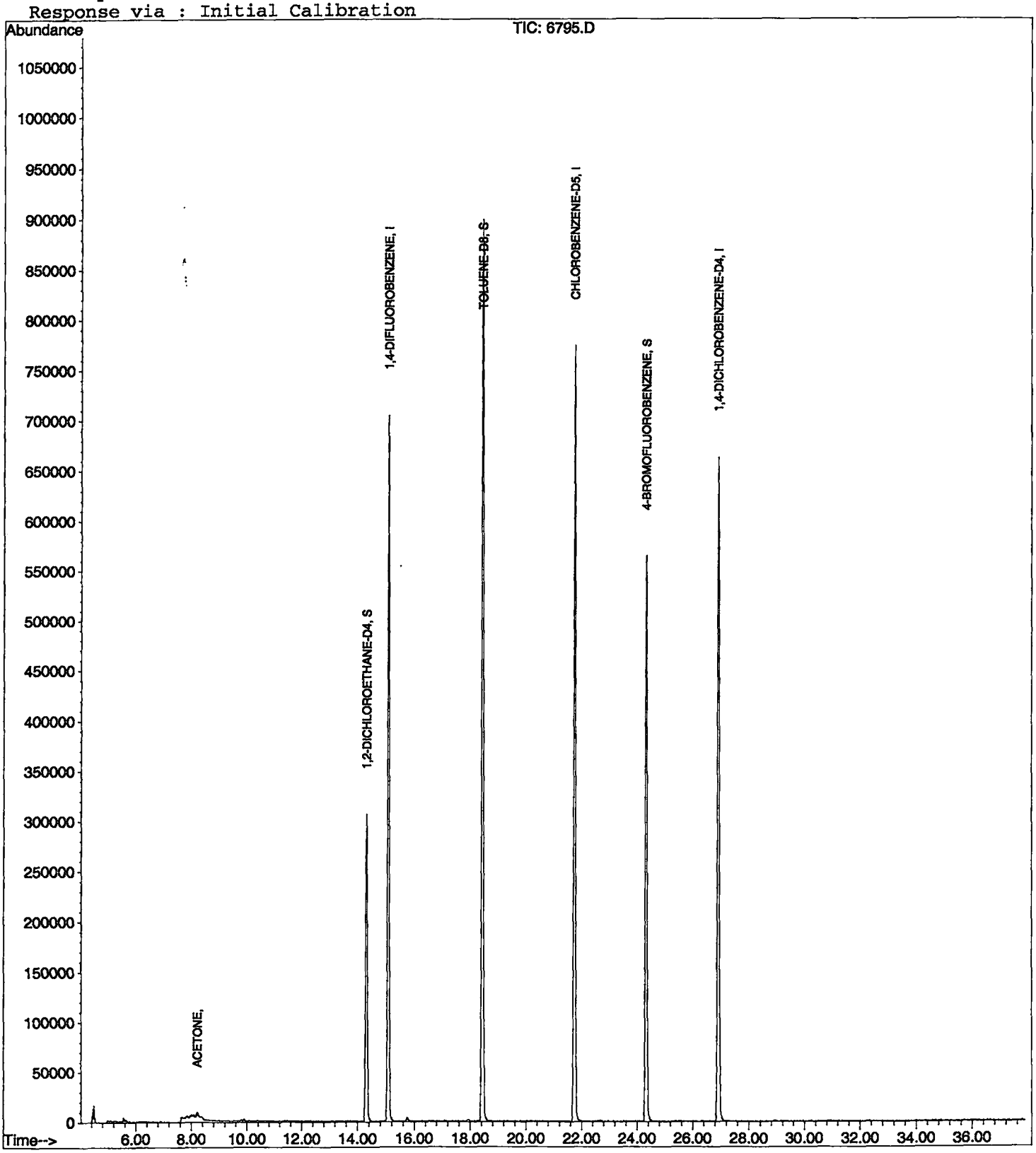
(#) = qualifier out of range (m) = manual integration
6795.D HP031802.M Thu Mar 28 16:02:46 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6795.D
Acq On : 22 Mar 2002 10:50 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:02 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 : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02mar22\6795.D Vial: 8
Acq On : 22 Mar 2002 10:50 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

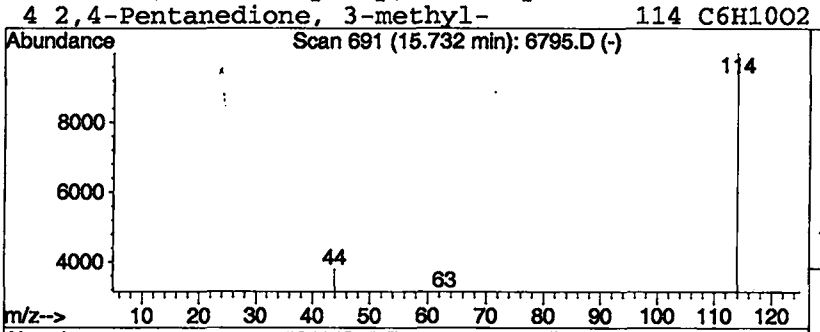
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

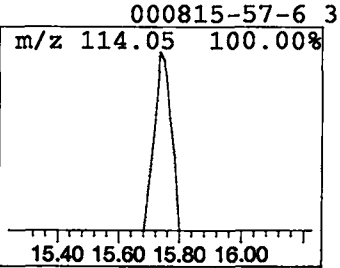
****

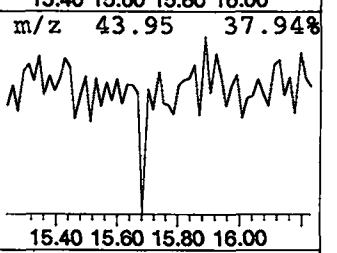
Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 1

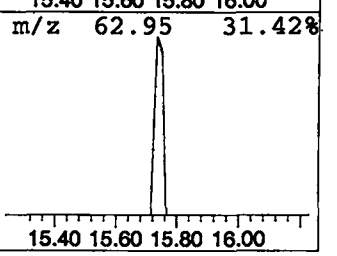
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	18180	1,4-DIFLUOROBENZENE	15.09

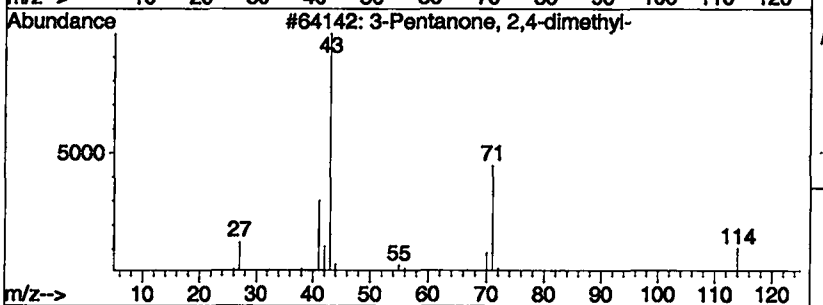
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	3

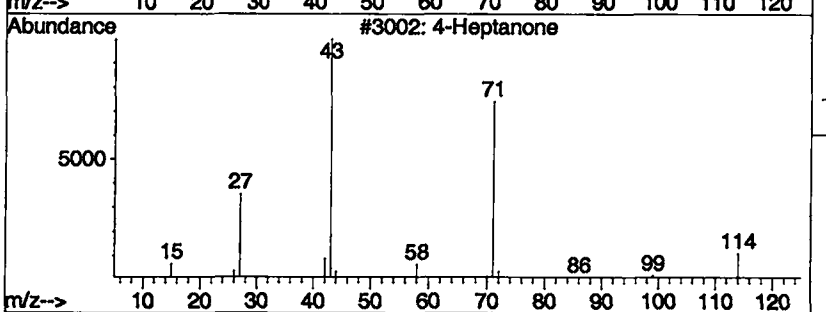


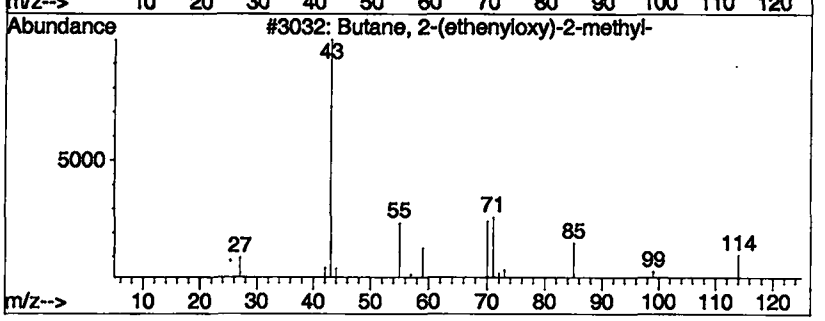












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:42:34

Sample: AE06797
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:01 Ended: 3/22/02 00:01 Analyst: BH
Result source: a:\6797.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:42:34

Sample: AE06797
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/22/02 00:01 Ended: 3/22/02 00:01 Analyst: BH
Result source: a:\6797.rr
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		< 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\02[illegible]R22\6797.D Vial: 9
Acq On : 22 Mar 2002 11:33 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:03 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

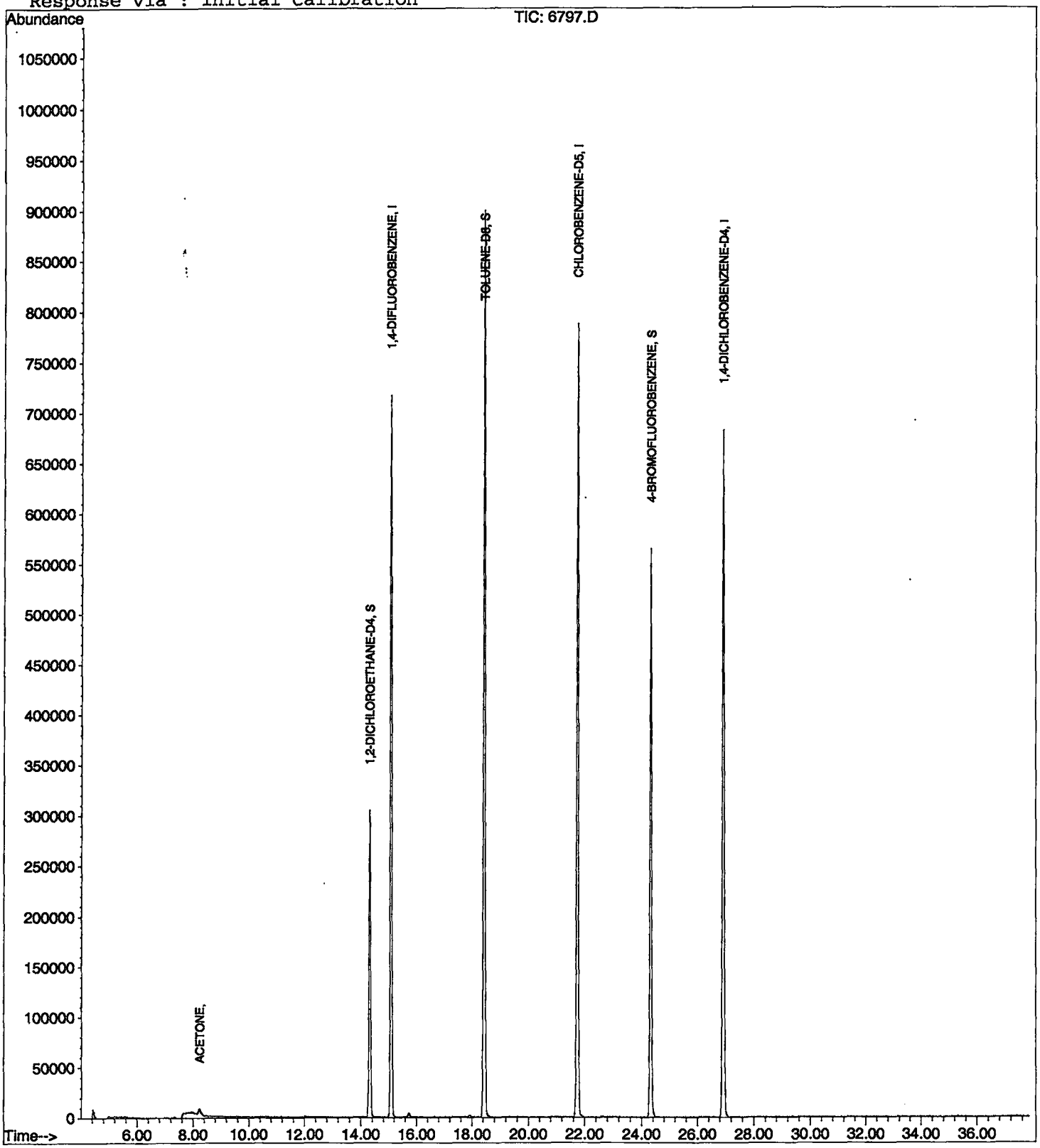
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1017495	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	893087	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	433135	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	473013	5.64	ug/L	0.04
Spiked Amount 5.000			Recovery =	112.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	357174	4.34	ug/L	0.04
Spiked Amount 5.000			Recovery =	86.80%		
25) TOLUENE-D8	18.44	98	1165228	5.39	ug/L	0.04
Spiked Amount 5.000			Recovery =	107.80%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	13529	2.48	ug/L	83

(#) = qualifier out of range (m) = manual integration
6797.D HP031802.M Thu Mar 28 16:03:17 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6797.D Vial: 9
Acq On : 22 Mar 2002 11 33 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:03 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02mar22\6797.D Vial: 9
Acq On : 22 Mar 2002 11:33 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

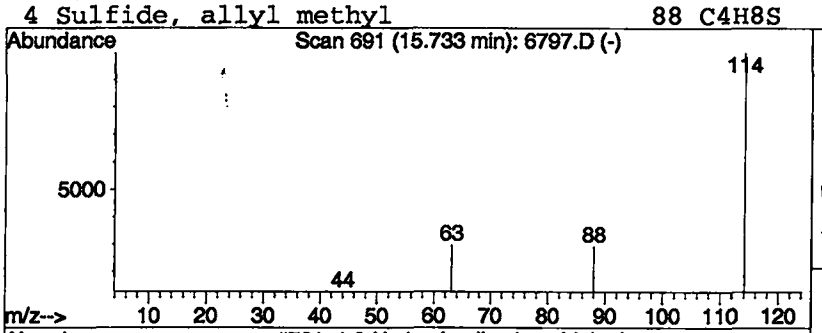
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

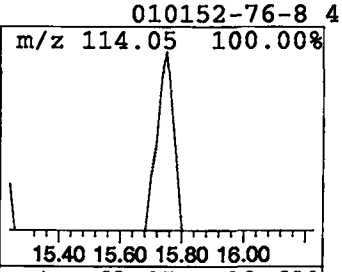
****

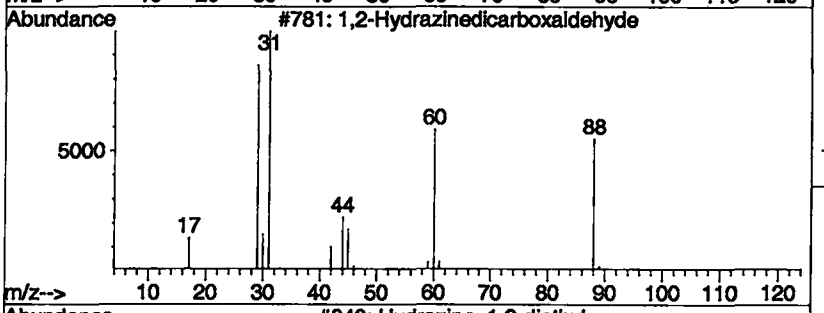
Peak Number 1 1,2-Hydrazinedicarboxaldehyde Concentration Rank 1

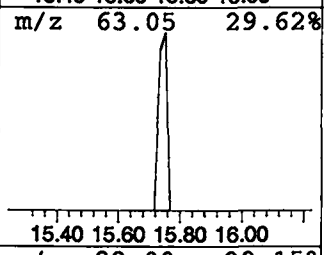
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	14661	1,4-DIFLUOROBENZENE	15.09

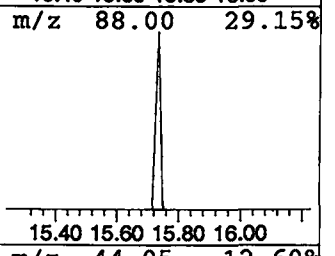
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4
2	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
3	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
4	Sulfide, allyl methyl	88	C4H8S	010152-76-8	4

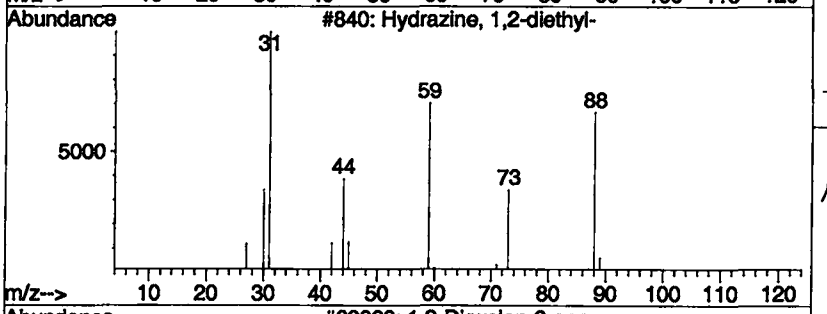


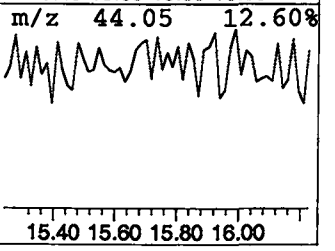


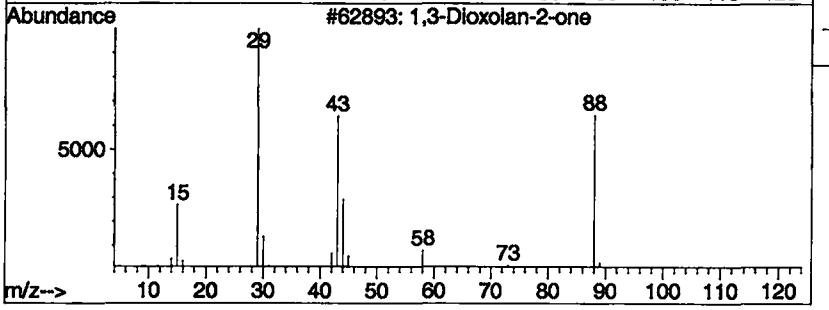












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:42:55

Sample: AE06798
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/23/02 00:02 Ended: 3/23/02 00:02 Analyst: BH
Result source: a:\6798.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.7	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.5	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:42:55

Sample: AE06798
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/23/02 00:02 Ended: 3/23/02 00:02 Analyst: BH
Result source: a:\6798.rr
Page: 2

	Component Name	Vlol	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		< 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\02MAR22\6798.D Vial: 10
Acq On : 23 Mar 2002 12:16 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:04 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

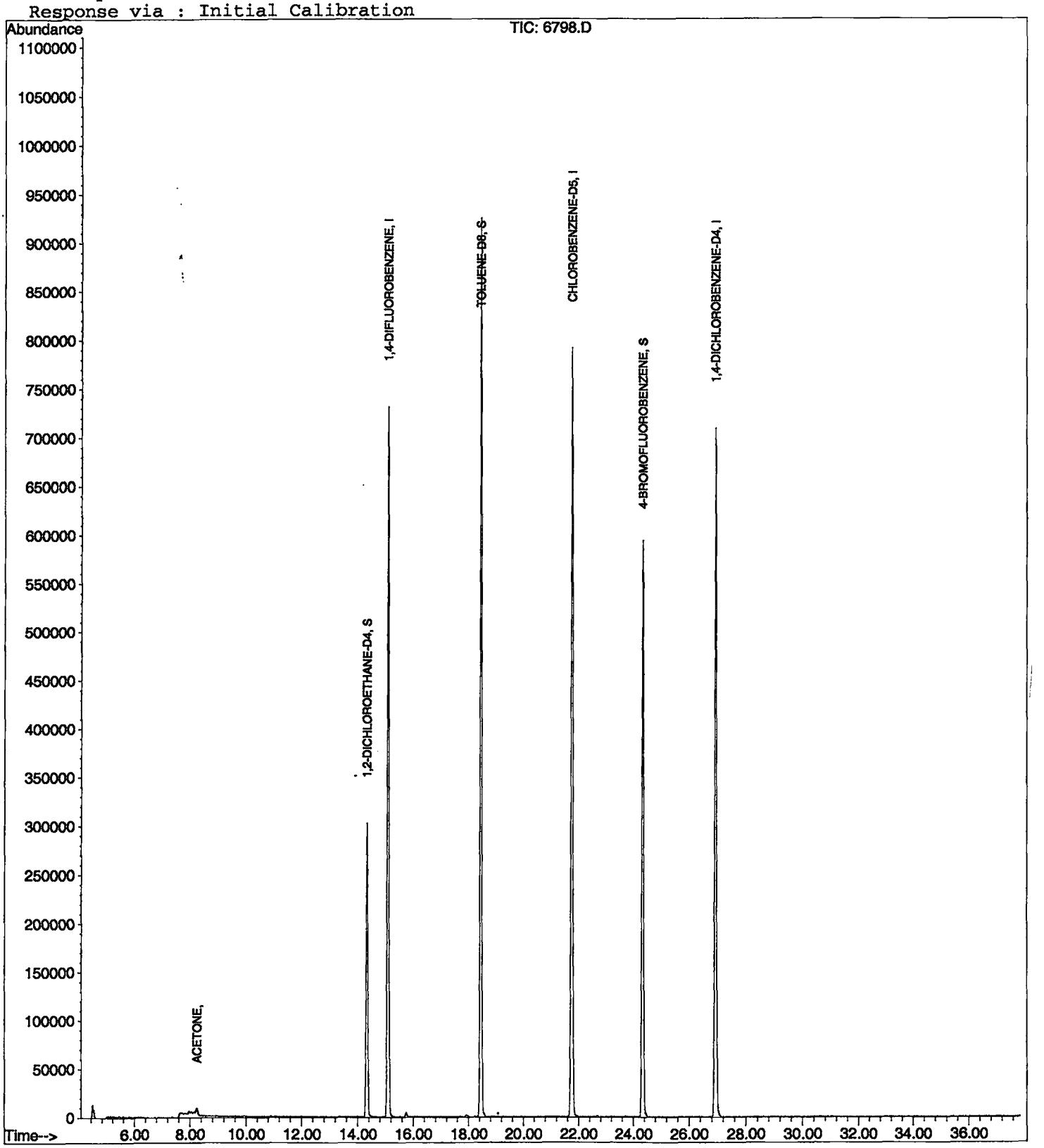
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1029499	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	918879	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	447491	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	479302	5.65	ug/L	0.03
Spiked Amount 5.000			Recovery =	113.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	371216	4.46	ug/L	0.03
Spiked Amount 5.000			Recovery =	89.20%		
25) TOLUENE-D8	18.44	98	1186220	5.33	ug/L	0.03
Spiked Amount 5.000			Recovery =	106.60%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	14337	2.59	ug/L	95

(#) = qualifier out of range (m) = manual integration
6798.D HP031802.M Thu Mar 28 16:04:18 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6798.D Vial: 10
Acq On : 23 Mar 2002 12:16 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:04 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02mar22\6798.D
Acq On : 23 Mar 2002 12:16 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

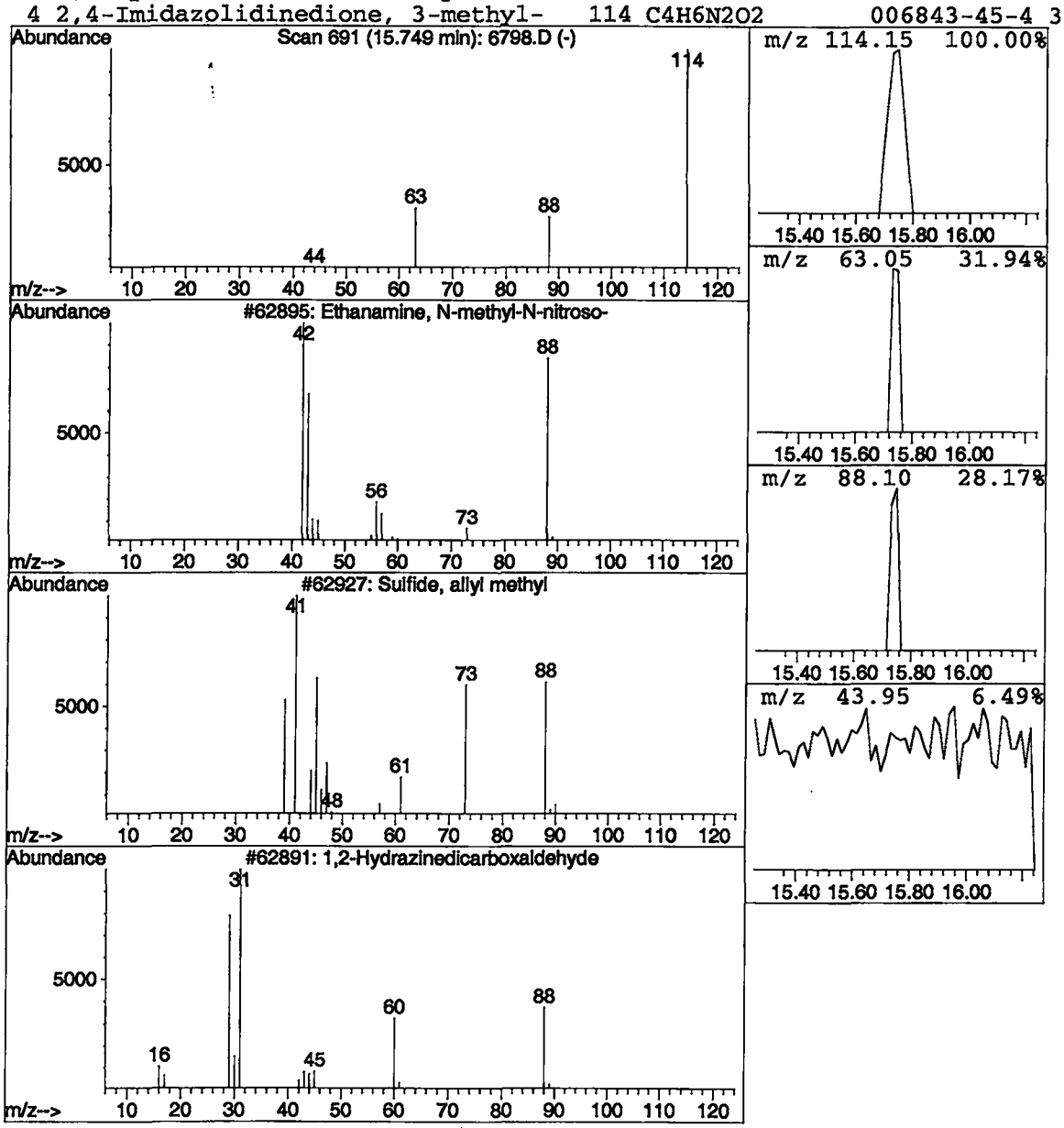
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	14879	1,4-DIFLUOROBENZENE	15.09

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	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:43:14

Sample: AE06799
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/23/02 00:01 Ended: 3/23/02 00:01 Analyst: BH
Result source: a:\6799.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.9	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.4	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.4	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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

REVIEWED BY AV
DATE 4/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:43:14

Sample: AE06799
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 3/23/02 00:01 Ended: 3/23/02 00:01 Analyst: BH
Result source: a:\6799.rr
Page: 2

	Component Name	Vial	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		< 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\02MAR22\6799.D Vial: 11
Acq On : 23 Mar 2002 1:00 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:04 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	995645	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	889770	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	433172	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	485730	5.92	ug/L	0.03
Spiked Amount 5.000			Recovery = 118.40%			
3) 4-BROMOFLUOROBENZENE	24.33	174	356834	4.43	ug/L	0.03
Spiked Amount 5.000			Recovery = 88.60%			
25) TOLUENE-D8	18.44	98	1153242	5.35	ug/L	0.03
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	14341	2.68	ug/L	83

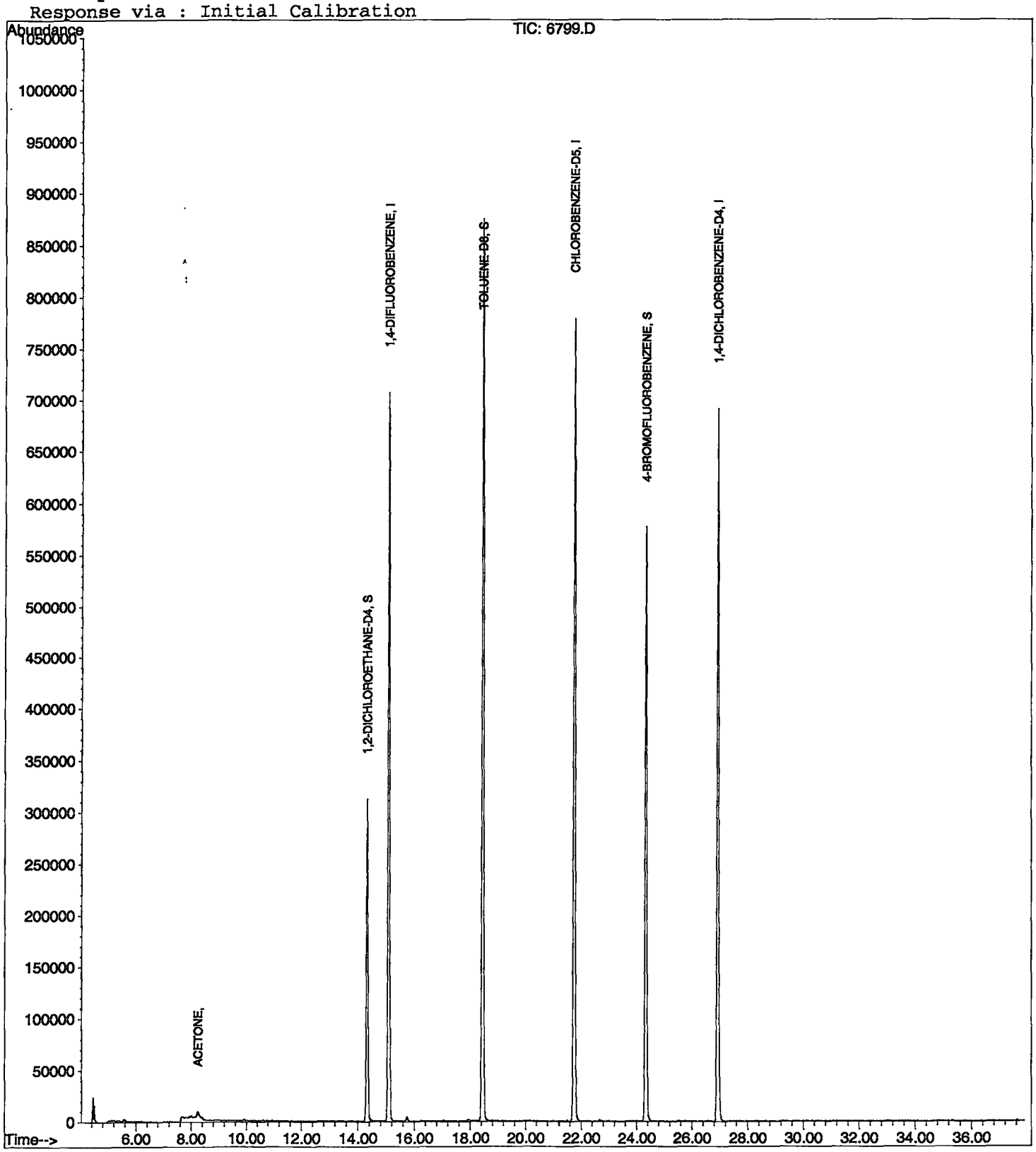
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6799.D
Acq On : 23 Mar 2002 1:00 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:04 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 : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02mar22\6799.D Vial: 11
Acq On : 23 Mar 2002 1:00 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

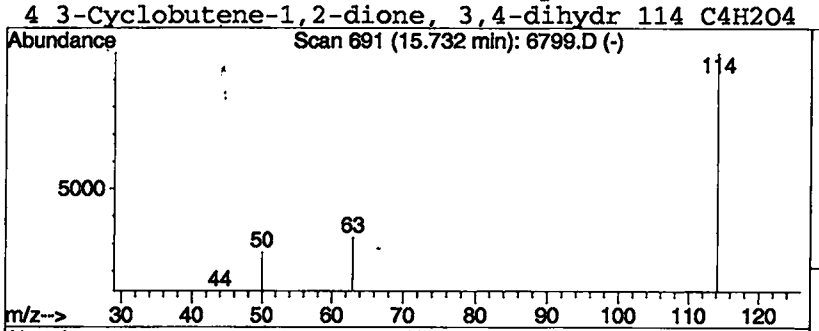
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

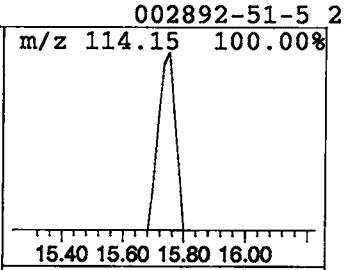
****

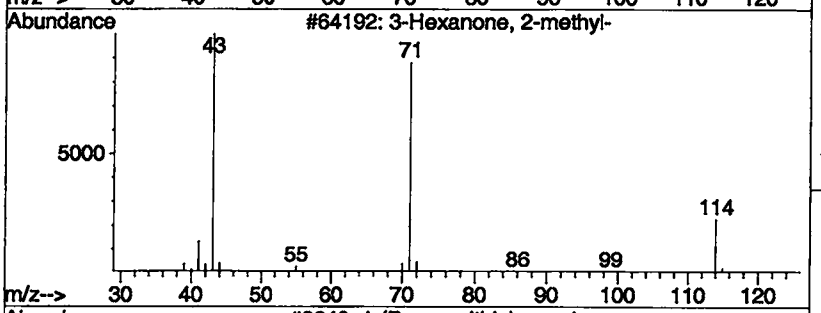
Peak Number 1 3-Hexanone, 2-methyl- Concentration Rank 1

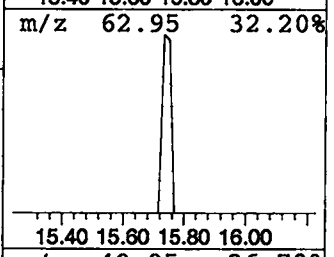
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	13993	1,4-DIFLUOROBENZENE	15.09

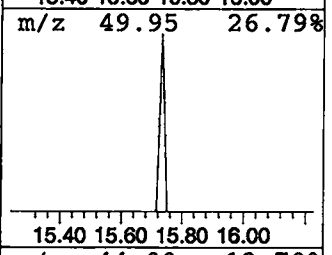
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2

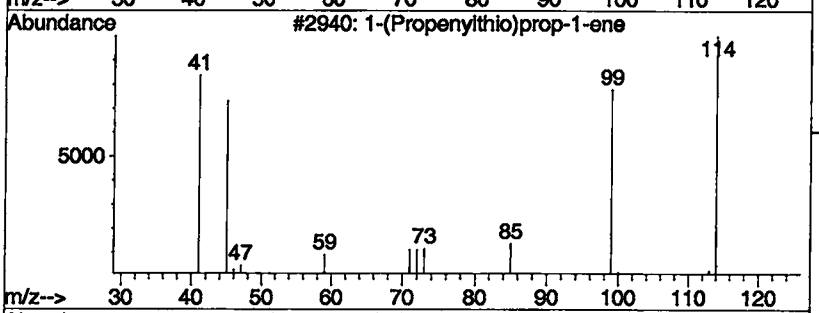


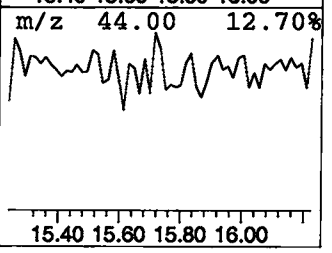


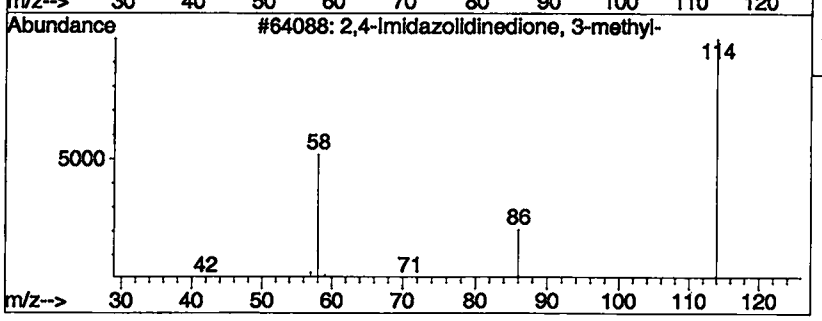












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:36:40

Sample: AE06588
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/23/02 00:01 Ended: 3/23/02 00:01 Analyst: BH
Result source: a:\6588f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.8	.5
2	Surr_4-BROMOFLUOROBENZEN		4.6	.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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr_TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	Bromodichloromethane		< MDL	.5
29	Methy iso-butyl ketone (MIBI		< 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:36:40

Sample: AE06588
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/23/02 00:01 Ended: 3/23/02 00:01 Analyst: BH
Result source: a:\6588f.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
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\02MAR22\6588F.D Vial: 12
Acq On : 23 Mar 2002 1:43 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:59 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1028965	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	942189	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	449295	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	490062	5.78	ug/L	0.03
Spiked Amount 5.000			Recovery =	115.60%		
3) 4-BROMOFLUOROBENZENE	24.33	174	378731	4.55	ug/L	0.03
Spiked Amount 5.000			Recovery =	91.00%		
25) TOLUENE-D8	18.44	98	1199726	5.26	ug/L	0.03
Spiked Amount 5.000			Recovery =	105.20%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	23130	4.19	ug/L	98

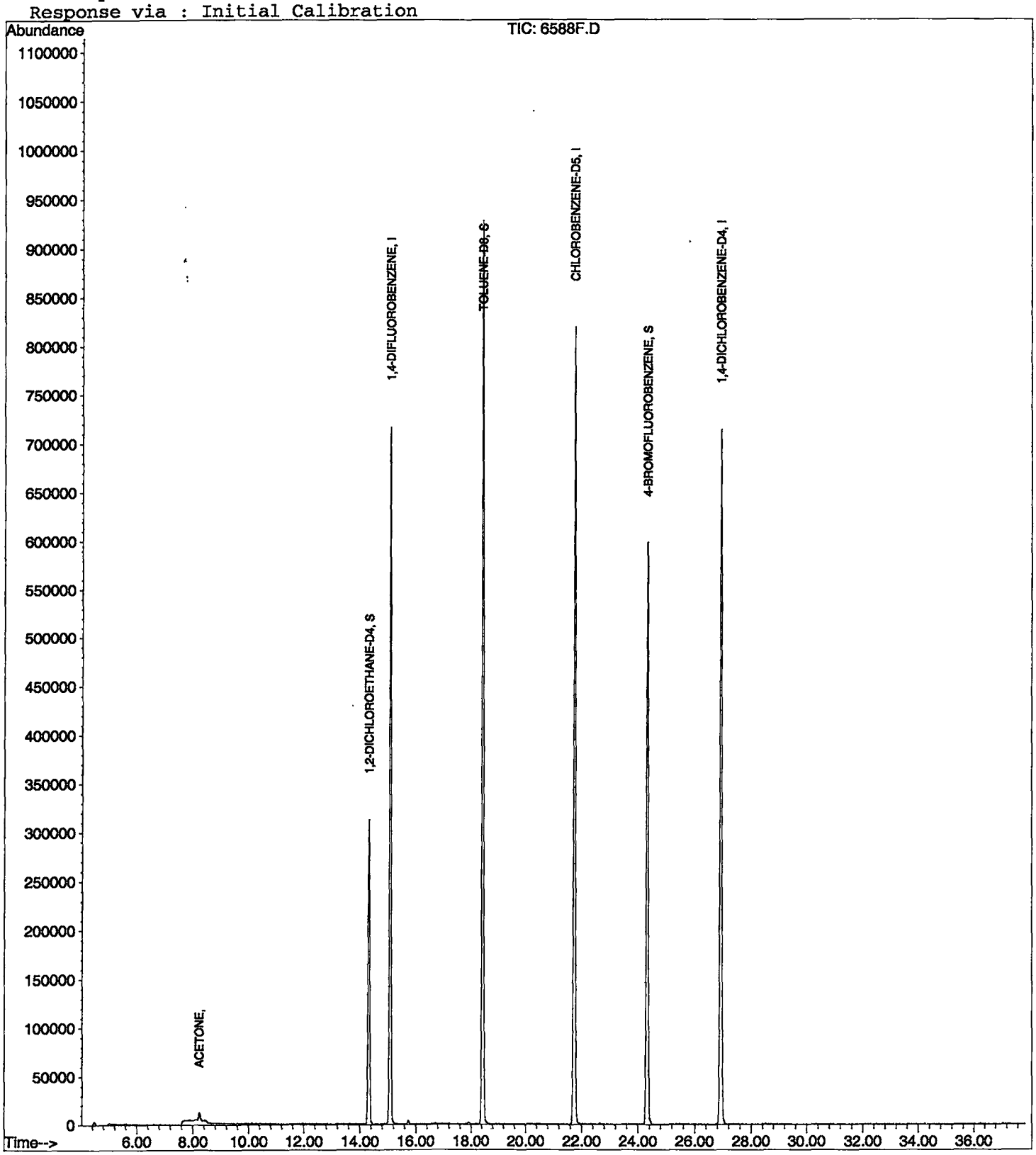
(#) = qualifier out of range (m) = manual integration
6588F.D HP031802.M Thu Mar 28 15:59:32 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6588F.D
Acq On : 23 Mar 2002 1:43 am
Sample : nyc; fb
Misc :
MS Integration Params: RTEINT.P
Quant Time: Mar 28 15:59 2002

Vial: 12
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 : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:44:03

Sample: AE06793
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/23/02 00:02 Ended: 3/23/02 00:02 Analyst: BH
Result source: a:\6793f.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.8	.5
2	Surr_4-BROMOFLUOROBENZEN		4.3	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< 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		5.4	.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 (MIBI		< 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:44:03

Sample: AE06793
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/23/02 00:02 Ended: 3/23/02 00:02 Analyst: BH
Result source: a:\6793f.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
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\02MAR22\6793F.D Vial: 13
Acq On : 23 Mar 2002 2:27 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:01 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

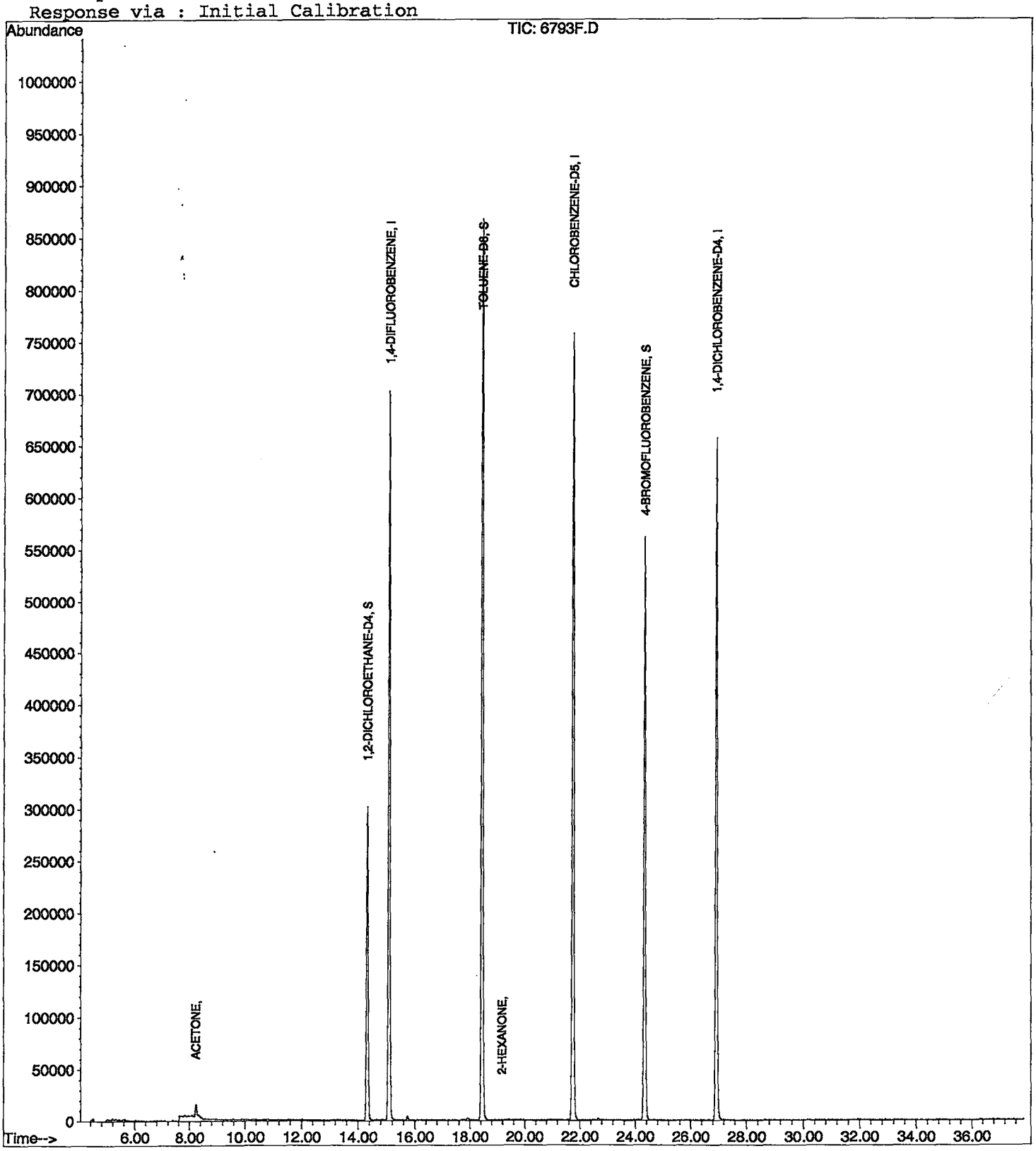
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	999455	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	881599	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	415244	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	480720	5.84	ug/L	0.04
Spiked Amount 5.000			Recovery	= 116.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	348861	4.32	ug/L	0.04
Spiked Amount 5.000			Recovery	= 86.40%		
25) TOLUENE-D8	18.44	98	1145037	5.36	ug/L	0.04
Spiked Amount 5.000			Recovery	= 107.20%		
Target Compounds						Qvalue
12) ACETONE	8.23	43	35313	6.58	ug/L	94
46) 2-HEXANONE	19.17	43	718	0.08	ug/L	27

(#) = qualifier out of range (m) = manual integration
6793F.D HP031802.M Thu Mar 28 16:01:36 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR22\6793F.D Vial: 13
Acq On : 23 Mar 2002 2:27 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:01 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:44:33

Sample: AE06797
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/23/02 00:03 Ended: 3/23/02 00:03 Analyst: BH
Result source: a:\6797f.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.8	.5
2	Surr_4-BROMOFLUOROBENZEN		4.4	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< 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		5.4	.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 (MIBI		< 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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:44:33

Sample: AE06797
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/23/02 00:03 Ended: 3/23/02 00:03 Analyst: BH
Result source: a:\6797f.rr
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
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\02MAR22\6797F.D Vial: 14
Acq On : 23 Mar 2002 3:10 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:03 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

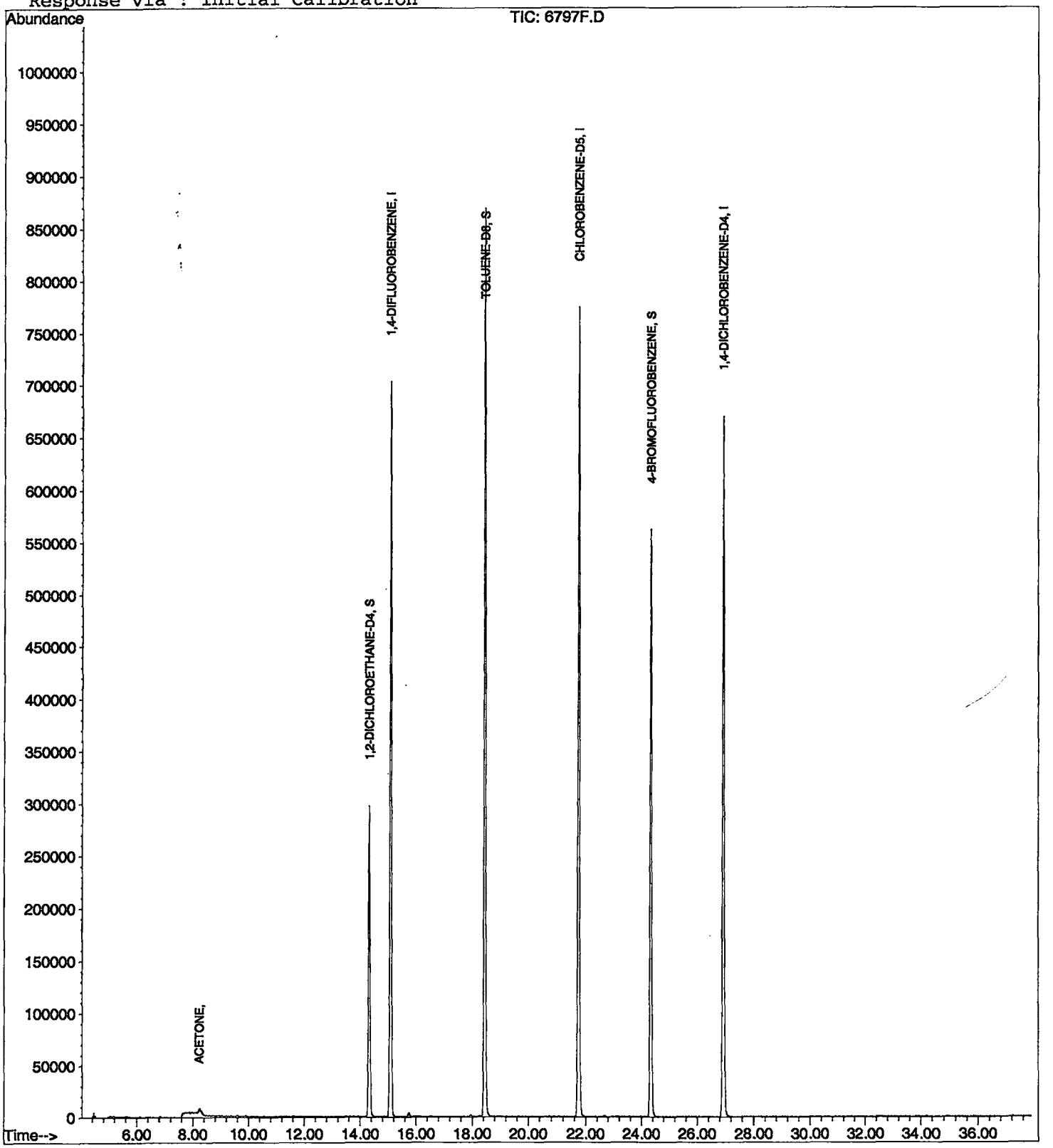
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	967730	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	863884	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	418265	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	463140	5.81	ug/L	0.03
Spiked Amount 5.000			Recovery =	116.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	347704	4.45	ug/L	0.03
Spiked Amount 5.000			Recovery =	89.00%		
25) TOLUENE-D8	18.44	98	1121449	5.36	ug/L	0.03
Spiked Amount 5.000			Recovery =	107.20%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	14168	2.73	ug/L	87

(#) = qualifier out of range (m) = manual integration
6797F.D HP031802.M Thu Mar 28 16:03:47 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR27\6797F.D Vial: 14
Acq On : 23 Mar 2002 3:10 am Operator: 201-wb
Sample : nyc; fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 28 16:03 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Mar 28 14:51:00 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:56:45

Sample: AE06588
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/23/02 00:03 Ended: 3/23/02 00:03 Analyst: BH
Result source: a:\0322c10b.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		9.7		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		9.9		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		9.7		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		8.8		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		170		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322C10B.D Vial: 2
Acq On : 23 Mar 2002 3:55 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 23 4:32 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 Mar 22 14:32:26 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	972029	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	926829	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	499393	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	477228	5.96	ug/L	0.03
Spiked Amount 5.000			Recovery =	119.20%		
3) 4-BROMOFLUOROBENZENE	24.31	174	406473	5.17	ug/L	0.02
Spiked Amount 5.000			Recovery =	103.40%		
25) TOLUENE-D8	18.44	98	1146429	5.11	ug/L	0.03
Spiked Amount 5.000			Recovery =	102.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.83	85	268772	9.31	ug/L	96
5) CHLOROMETHANE	5.45	50	345856	9.95	ug/L	98
6) VINYL CHLORIDE	5.57	62	292694	19.23	ug/L	100
7) BROMOMETHANE	6.56	94	263551	11.42	ug/L	98
8) CHLOROETHANE	6.69	64	251907	10.57	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.25	101	528893	10.92	ug/L	96
10) Isopropyl Alcohol	7.87	45	16362	17.74	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	8.16	101	6670	0.31	ug/L	90
12) ACETONE	8.22	43	237414	42.31	ug/L	96
13) 1,1-DICHLOROETHENE	8.58	61	520187	8.95	ug/L	99
14) METHYLENE CHLORIDE	9.59	49	473375	9.17	ug/L	98
15) METHYL TERT BUTYL ETHER	9.89	73	501606	9.62	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.25	61	534903	9.17	ug/L	97
17) 1,1-DICHLOROETHANE	11.14	63	625956	9.36	ug/L	96
18) 2-BUTANONE (MEK)	11.97	43	247999	34.69	ug/L	99
19) 2,2-DICHLOROPROPANE	12.36	77	404607	7.81	ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.45	96	387928	9.87	ug/L	97
21) CHLOROFORM	12.79	83	769977	10.65	ug/L	96
22) BROMOCHLOROMETHANE	13.16	49	278561	9.28	ug/L	99
23) 1,2-DICHLOROETHANE	14.51	62	551006	11.03	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	597083	11.41	ug/L	98
27) 1,1-DICHLOROPROPENE	14.01	75	484720	10.07	ug/L	99
28) CARBON TETRACHLORIDE	14.27	117	533635	11.84	ug/L	99
29) BENZENE	14.61	78	1175063	9.80	ug/L	99
30) TRICHLOROETHENE	15.88	95	391154	10.44	ug/L	97
31) 1,2-DICHLOROPROPANE	16.24	63	297453	9.50	ug/L	98
32) DIBROMOMETHANE	16.91	174	201305	11.34	ug/L	96
33) BROMODICHLOROMETHANE	16.75	83	528003	11.14	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	115773	9.27	ug/L	93
35) METHYL ISO-BUTYL KETONE	17.32	58	216190	40.45	ug/L	93
36) CIS-1,3-DICHLOROPROPENE	17.84	75	443965	9.78	ug/L	98
37) TOLUENE	18.61	91	1308611	10.19	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.88	75	341845	10.21	ug/L	97
39) 1,1,2-TRICHLOROETHANE	19.27	97	223489	10.54	ug/L	95
40) TETRACHLOROETHENE	20.06	166	414298	10.90	ug/L	98
41) 1,3-DICHLOROPROPANE	19.80	76	401736	10.28	ug/L	95
42) DIBROMOCHLOROMETHANE	20.50	129	318450	11.63	ug/L	100
43) 1,2-DIBROMOETHANE	20.94	107	227702	10.53	ug/L	96
44) CHLOROBENZENE	21.83	112	902002	10.42	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.86	131	350331	11.47	ug/L	97
46) 2-HEXANONE	19.17	43	396989	40.12	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322C10B.D Vial: 2
Acq On : 23 Mar 2002 3:53 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 23 4:32 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 Mar 22 14:32:26 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

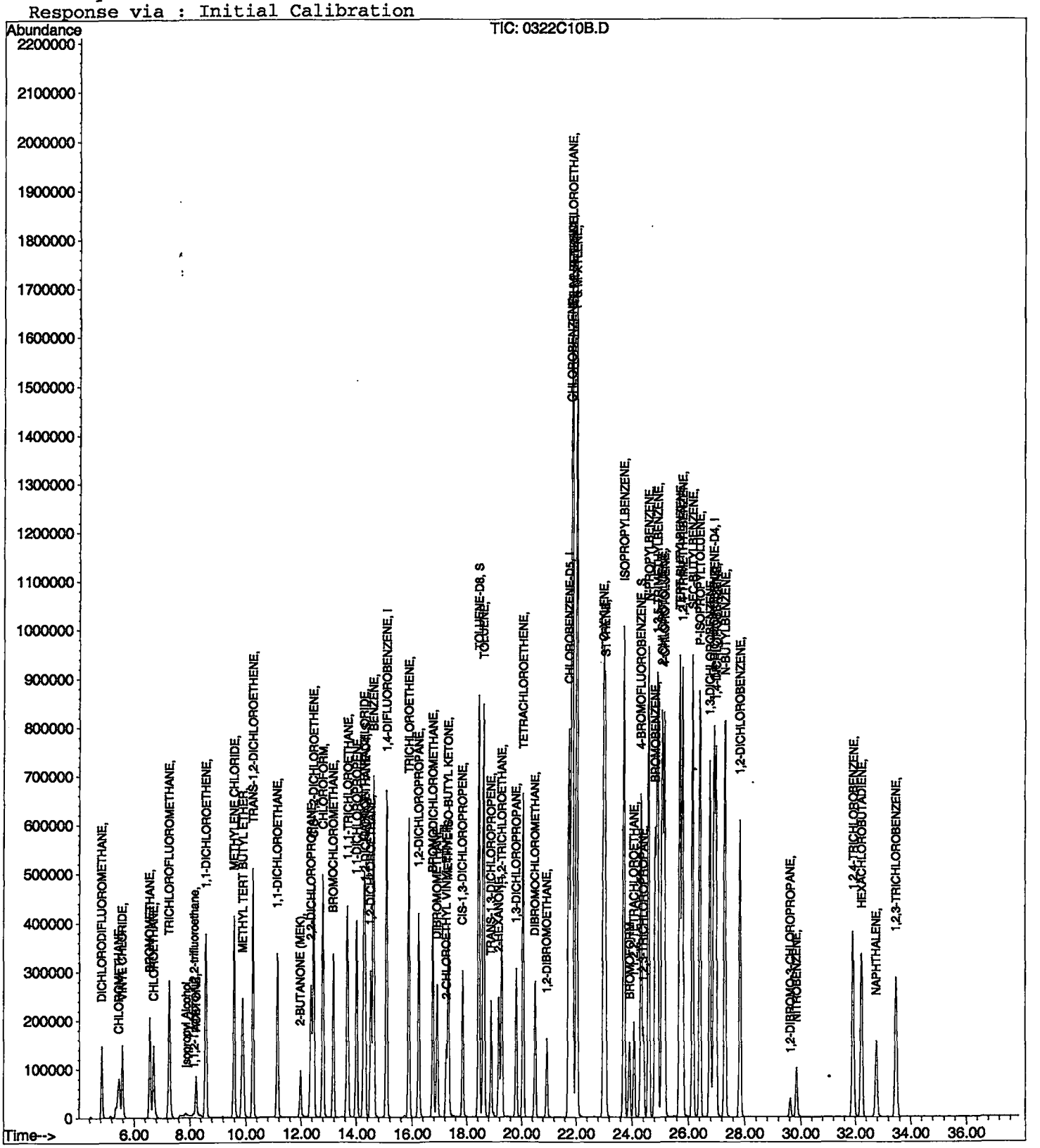
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	ETHYLBENZENE	21.86	91	1601466	10.72 ug/L	100
48)	P & M-XYLENE	22.01	106	1058590	20.79 ug/L	90
49)	O-XYLENE	22.98	91	1257765	10.72 ug/L	94
50)	STYRENE	23.05	104	818115	10.51 ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.07	83	213509	9.95 ug/L	99
53)	BROMOFORM	23.92	173	160365	12.01 ug/L	96
54)	ISOPROPYLBENZENE	23.72	105	1418354	10.64 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.40	110	79234	11.09 ug/L	99
56)	N-PROPYLBENZENE	24.58	91	1739330	10.04 ug/L	97
57)	BROMOBENZENE	24.82	156	390041	11.13 ug/L	99
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1250274	10.57 ug/L	99
59)	2-CHLOROTOLUENE	25.06	91	1323426	11.10 ug/L	97
60)	4-CHLOROTOLUENE	25.15	91	990395	9.65 ug/L	100
61)	TERT-BUTYLBENZENE	25.69	119	1141428	10.57 ug/L	94
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	1312755	10.61 ug/L	99
63)	SEC-BUTYLBENZENE	26.15	105	1472931	9.94 ug/L	97
64)	P-ISOPROPYLTOLUENE	26.41	119	1190324	10.29 ug/L	96
65)	1,3-DICHLOROBENZENE	26.76	146	711689	10.64 ug/L	98
66)	1,4-DICHLOROBENZENE	26.99	146	717286	10.37 ug/L	98
67)	N-BUTYLBENZENE	27.31	91	1145635	9.74 ug/L	98
68)	1,2-DICHLOROBENZENE	27.84	146	610122	10.66 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.62	157	33483	9.46 ug/L	96
70)	1,2,4-TRICHLOROBENZENE	31.92	180	366326	10.13 ug/L	99
71)	HEXACHLOROBUTADIENE	32.23	225	210668	11.28 ug/L	97
72)	NAPHTHALENE	32.76	128	389223	8.77 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.45	180	301979	10.68 ug/L	95
74)	NITROBENZENE	29.85	77	150207	166.51 ug/L	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar22\0322C10B.D Vial: 2
Acq On : 23 Mar 2002 3:53 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 23 4:32 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar22\0322B6.D Vial: 3
Acq On : 23 Mar 2002 4:37 am Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 23 5:15 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 Mar 22 14:32:26 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\02mar22\0322B6.D Vial: 3
Acq On : 23 Mar 2002 4:37 am Operator: 201-wb
Sample : 1b Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Mar 23 5:15 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 22 09:11:28 2002
Response via : Initial Calibration