User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:45:01

Sample: AE09089
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/17/02 09:53 Ended: 4/17/02 09:53 Analyst: BH
Result source: a:\0417b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.8
2	Surr - 4-BROMOFLUOROBENZ		5.3
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		0.15
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		1.1
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		0.20
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.1
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

Reviewed by, 6/14/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:45:01

Sample: AE09089
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/17/02 09:53 Ended: 4/17/02 09:53 Analyst: BH
Result source: a:\0417b1.rr
Page: 2

	Component Name	Viol	Result
49	ISOPROPYLBENZENE		< MDL
50	1,2,3-TRICHLOROPROPANE		< MDL
51	N-PROPYLBENZENE		< MDL
52	BROMOBENZENE		< MDL
53	1,3,5-TRIMETHYLBENZENE		< MDL
54	2-CHLOROTOLUENE		< MDL
55	4-CHLOROTOLUENE		< MDL
56	TERT-BUTYLBENZENE		< MDL
57	1,2,4-TRIMETHYLBENZENE		< MDL
58	SEC-BUTYLBENZENE		< MDL
59	P-ISOROPYLTOLUENE		< MDL
60	1,3-DICHLOROBENZENE		< MDL
61	1,4-DICHLOROBENZENE		< MDL
62	N-BUTYLBENZENE		< MDL
63	1,2-DICHLOROBENZENE		< MDL
64	1,2-DIBROMO-3-CHLOROPRO		< MDL
65	1,2,4-TRICHLOROBENZENE		0.19
66	HEXACHLOROBUTADIENE		0.094
67	NAPHTHALENE		0.30
68	1,2,3-TRICHLOROBENZENE		< MDL
69	ETHANOL		< MDL
70	NITROBENZENE		4.8

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417B1.D Vial: 1
Acq On : 17 Apr 2002 9:12 am Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 09:53:32 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

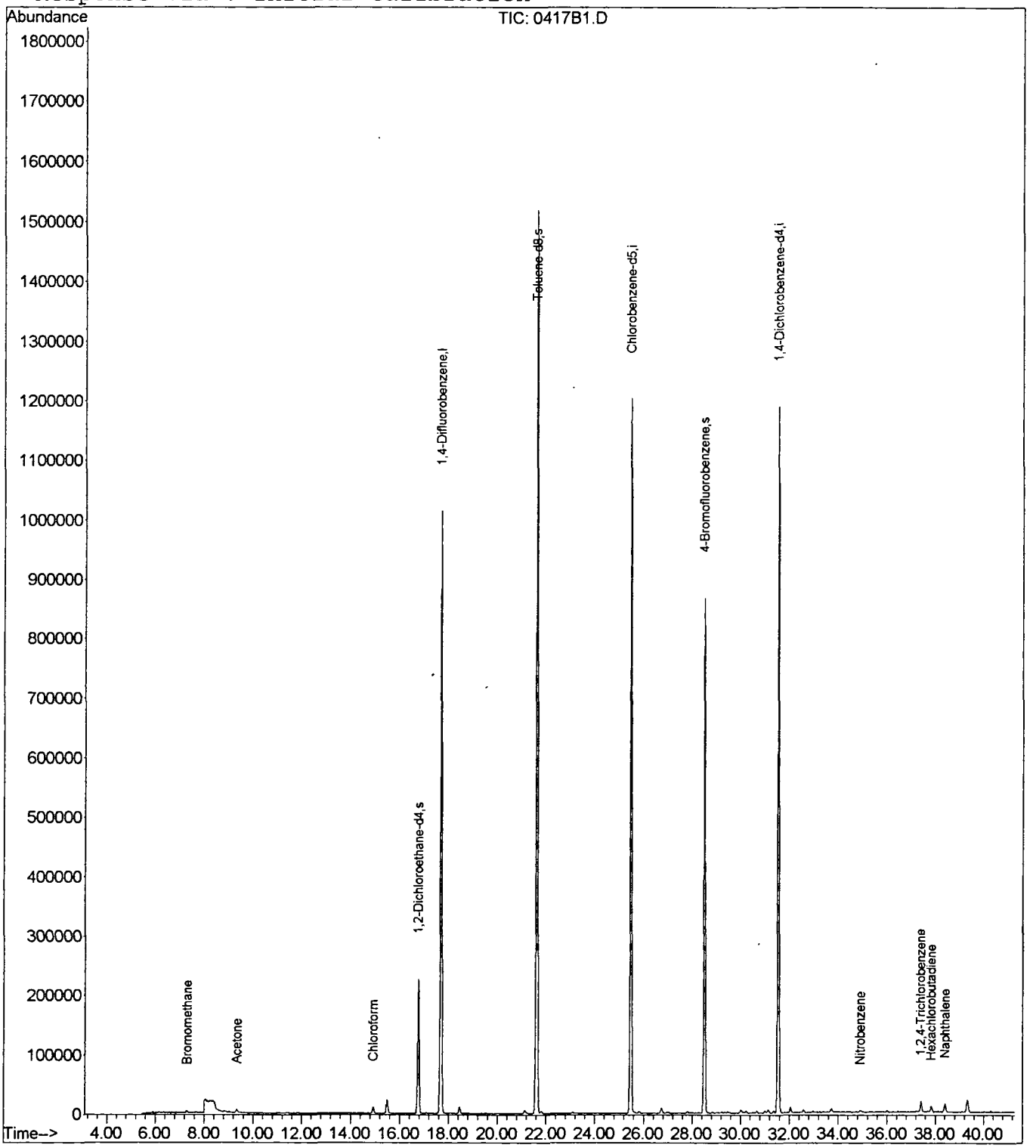
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1865171	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.46	117	1589210	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1162327	5.00	ug/L	0.01
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	343704	4.84	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.80%			
17) Toluene-d8	21.61	98	2392254	5.09	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.80%			
54) 4-Bromofluorobenzene	28.50	95	713135	5.33	ug/L	0.00
Spiked Amount 5.000			Recovery = 106.60%			
Target Compounds						Qvalue
6) Bromomethane	7.30	94	6813	0.15	ug/L	64
11) Acetone	9.35	43	18951	1.07	ug/L	99
18) 2-Butanone (MEK)	13.97	43	3633	Below Cal	#	58
21) Chloroform	14.94	83	18921	0.21	ug/L	98
38) 2-Hexanone	22.58	43	946	Below Cal	#	62
70) Nitrobenzene	34.90	77	2763	4.84	ug/L	84
71) 1,2,4-Trichlorobenzene	37.41	180	14049	0.19	ug/L	96
72) Hexachlorobutadiene	37.84	225	4716	0.09	ug/L	92
73) Naphthalene	38.40	128	28098	0.30	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417B1.D Vial: 1
Acq On : 17 Apr 2002 9:12 am Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 9:53 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR17\0417B1.D Vial: 1
Acq On : 17 Apr 2002 9:12 am Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

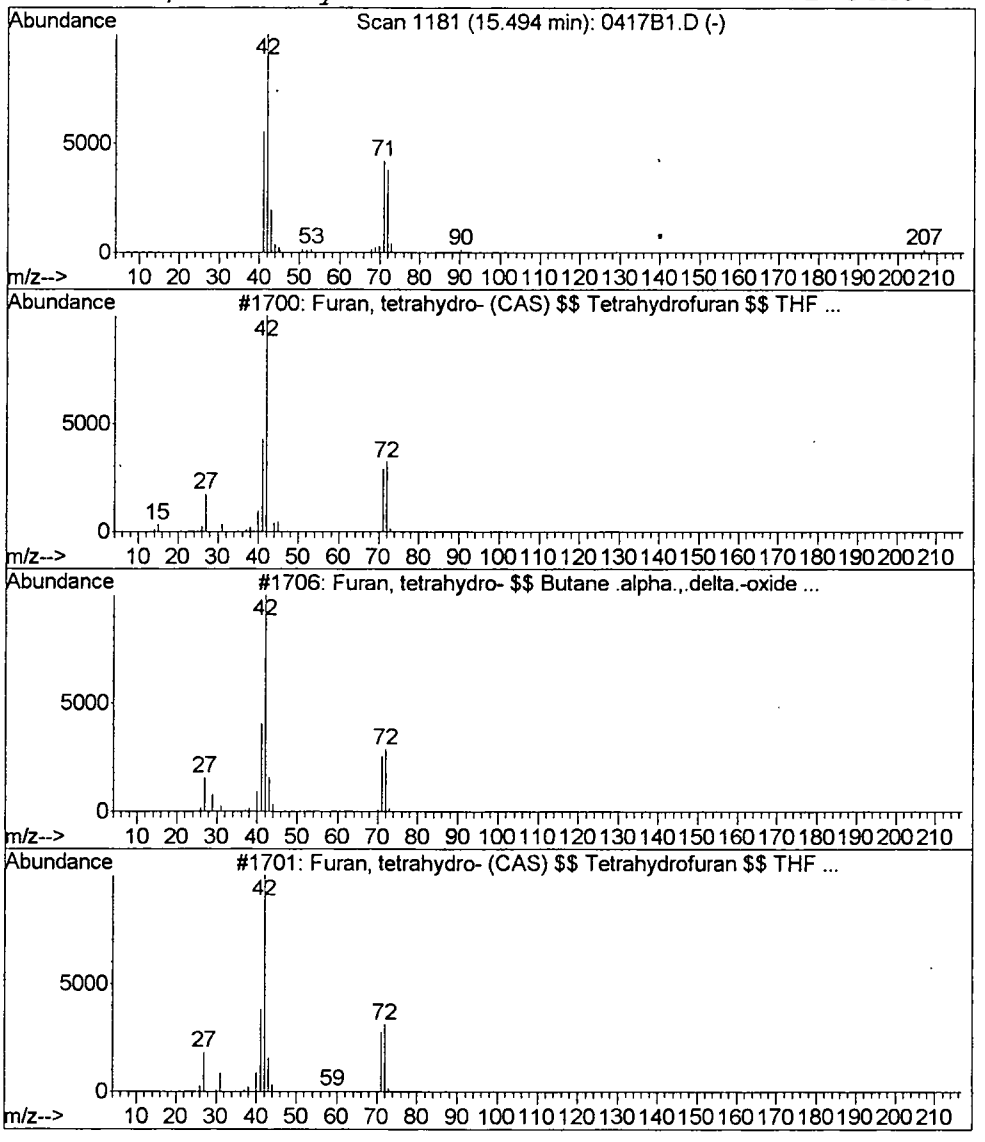
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

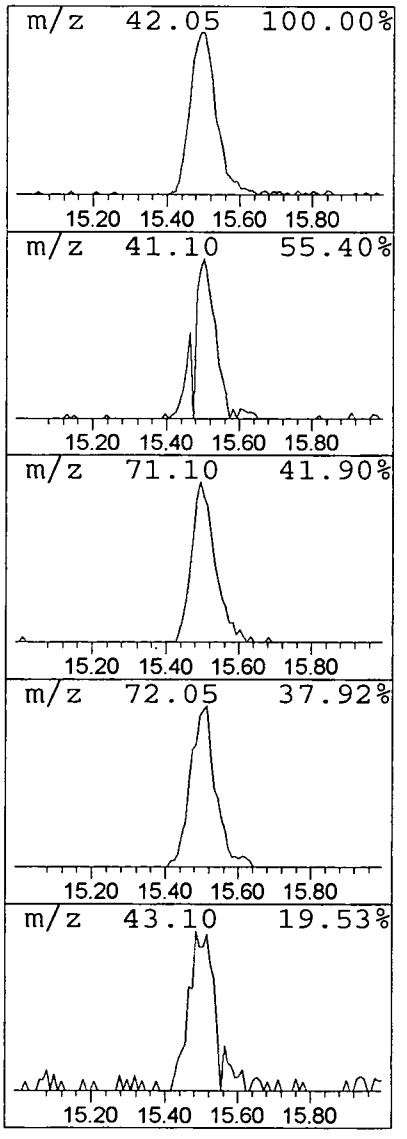
****

Peak Number 2 Furan, tetrahydro- (CAS) $$... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	0.14 ug/L	112351	1,4-Difluorobenzene	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	86
2	Furan, tetrahydro- $$ Butane .al...	72	C4H8O	000109-99-9	86
3	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	80
4	Furan, tetrahydro-	72	C4H8O	000109-99-9	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR17\0417B1.D Vial: 1
Acq On : 17 Apr 2002 9:12 am Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

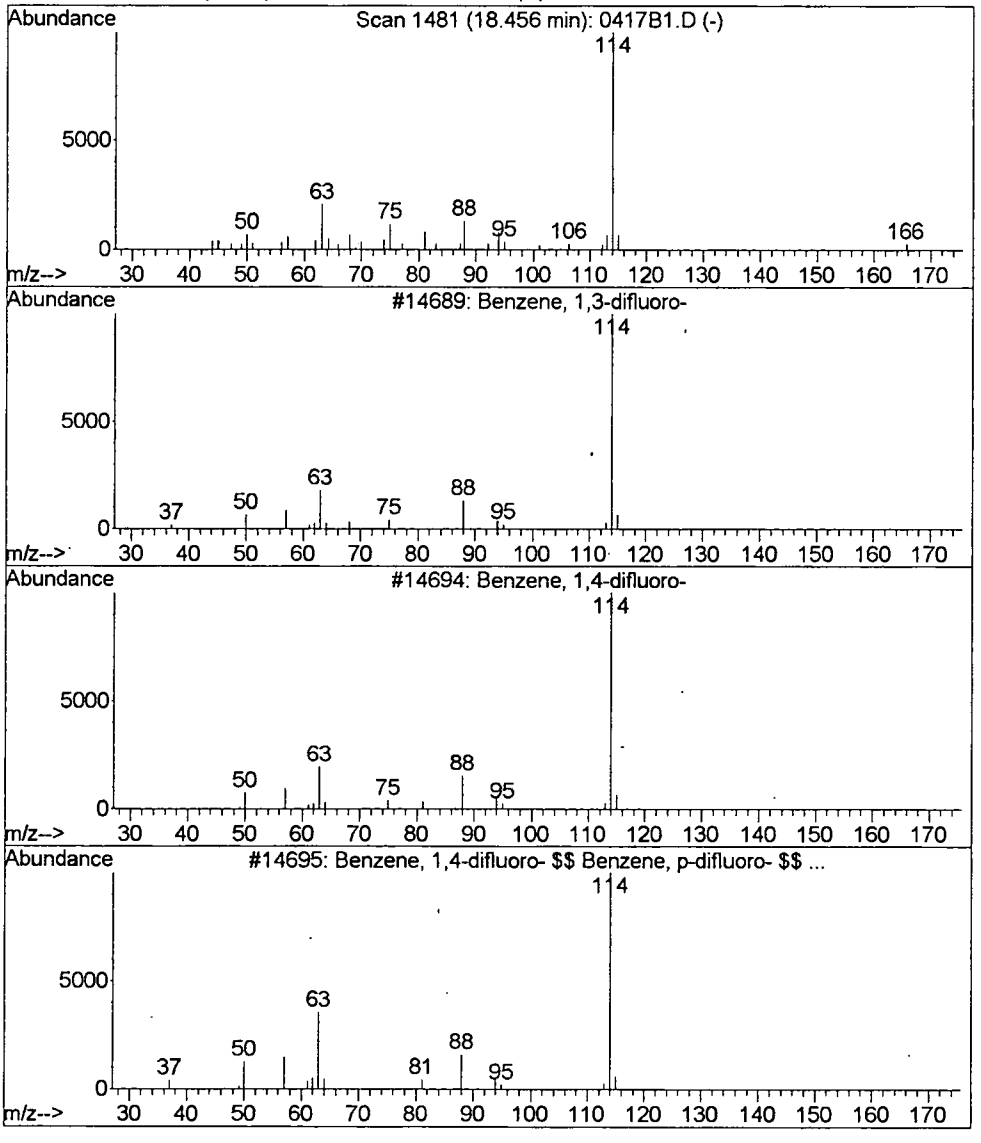
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

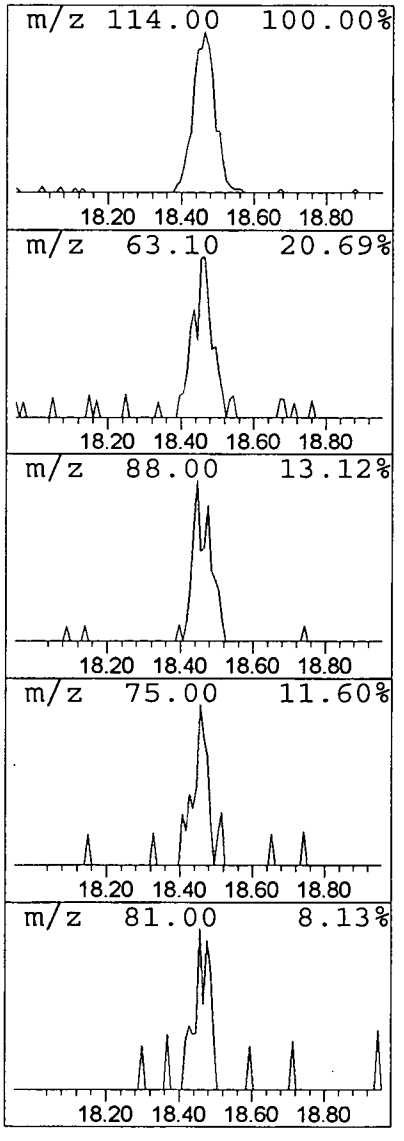
****

Peak Number 3 Benzene, 1,3-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	0.06 ug/L	50323	1,4-Difluorobenzene	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	87
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	80
3	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	72
4	Benzene, 1,3-difluoro- $$ Benzen...	114	C6H4F2	000372-18-9	72





Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR17\0417C10.D Vial: 2
Acq On : 17 Apr 2002 9:59 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 19 14:30:58 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 19 14:30:54 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1908023	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1636175	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1410941	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	356286	4.90	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.00%		
17) Toluene-d8	21.62	98	2475729	5.15	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.00%		
54) 4-Bromofluorobenzene	28.51	95	772456	4.76	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.20%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	471117	8.67	ug/L	99
4) Chloromethane	5.90	50	669639	8.65	ug/L	98
5) Vinyl Chloride	6.18	62	710079	9.23	ug/L	99
6) Bromomethane	7.28	94	348125	8.10	ug/L	98
7) Chloroethane	7.45	64	420604	9.34	ug/L	100
8) Trichlorofluoromethane	8.12	101	851178	9.42	ug/L	98
11) Acetone	9.35	43	167442	34.72	ug/L	96
12) 1,1-Dichloroethene	9.78	61	784849	9.33	ug/L	99
13) Methylene Chloride	11.03	49	609003	9.78	ug/L	98
14) Methyl tert-butyl ether	11.40	73	653425	7.63	ug/L	99
15) trans-1,2-Dichloroethene	11.84	61	840843	9.51	ug/L	99
16) 1,1-Dichloroethane	12.95	63	1029155	9.62	ug/L	99
18) 2-Butanone (MEK)	13.97	43	266658	36.34	ug/L	99
19) 2,2-Dichloropropane	14.42	77	358898	3.76	ug/L	92
20) cis-1,2-Dichloroethene	14.54	61	770862	9.43	ug/L	96
21) Chloroform	14.94	83	902916	9.56	ug/L	99
22) Bromochloromethane	15.40	49	321105	9.78	ug/L	95
23) 1,1,1-Trichloroethane	16.00	97	844953	8.90	ug/L	96
24) 1,1-Dichloropropene	16.39	75	812542	9.03	ug/L	98
25) Carbon Tetrachloride	16.69	117	690374	8.55	ug/L	98
26) 1,2-Dichloroethane	17.01	62	442361	9.36	ug/L	100
28) Benzene	17.10	78	2557880	9.59	ug/L	99
29) Trichloroethene	18.62	95	614066	9.23	ug/L	97
30) 1,2-Dichloropropane	19.05	63	507534	9.28	ug/L	99
31) Bromodichloromethane	19.66	83	525766	8.91	ug/L	100
32) Dibromomethane	19.83	93	157866	9.54	ug/L	94
34) Methyl iso-butyl ketone	20.36	43	802864	35.41	ug/L	95
35) cis-1,3-Dichloropropene	20.96	75	545988	7.37	ug/L	99
36) Toluene	21.83	91	3038362	9.49	ug/L	99

(#) = qualifier out of range (m) = manual integration
0417C10.D W042302.M Mon Apr 29 11:18:33 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR17\0417C10.D Vial: 2
Acq On : 17 Apr 2002 9:59 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 19 14:30:58 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 19 14:30:54 2002
Response via : Initial Calibration
DataAcq Meth : W032602

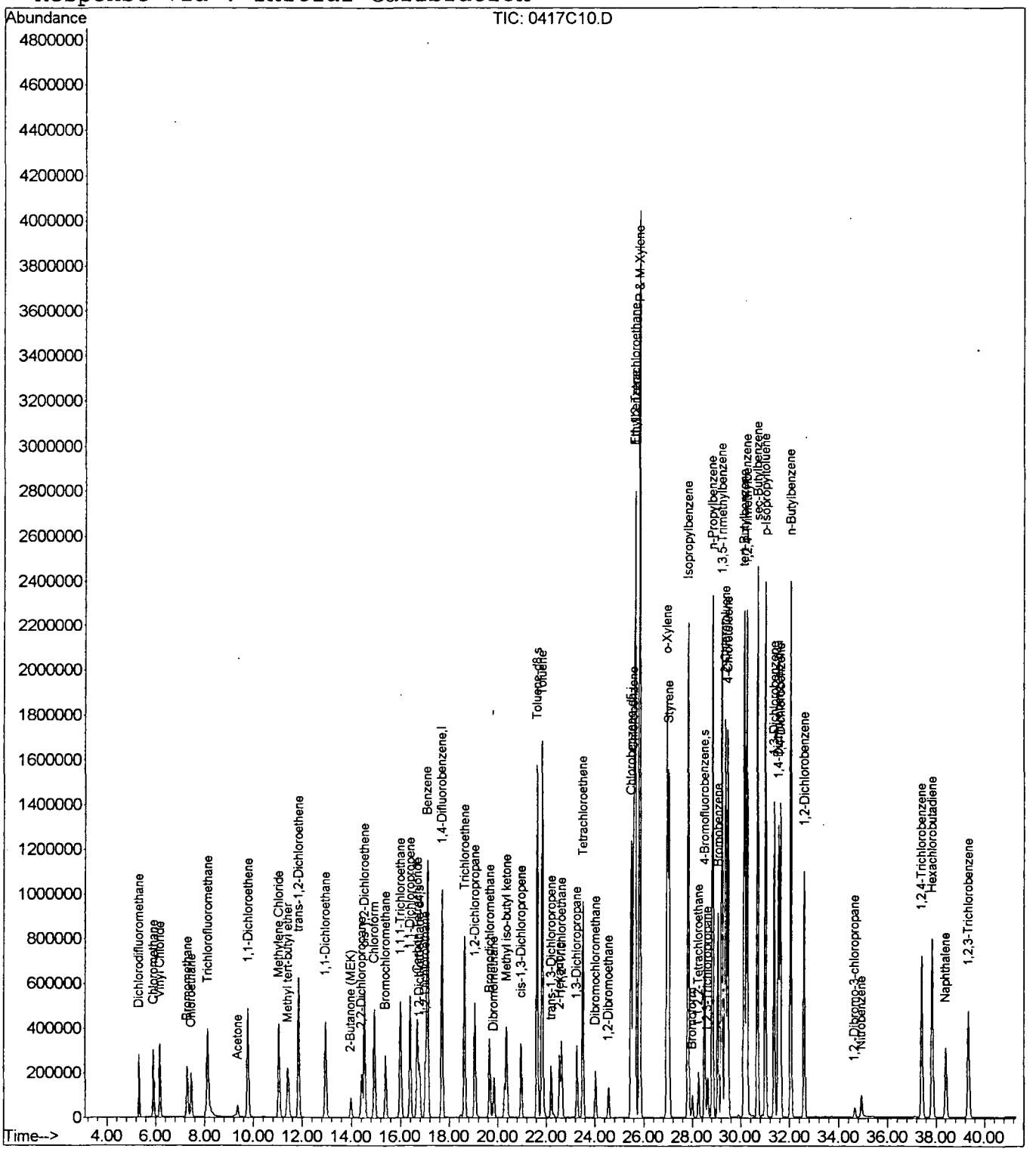
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
37)	trans-1,3-Dichloropropene	22.20	75	365527	7.24	ug/L	98
38)	2-Hexanone	22.54	43	443683	33.95	ug/L	98
39)	1,1,2-Trichloroethane	22.62	97	244820	9.24	ug/L	96
40)	1,3-Dichloropropane	23.25	76	474927	9.37	ug/L	99
41)	Tetrachloroethene	23.50	166	629475	8.56	ug/L	97
42)	Dibromochloromethane	24.02	129	253325	8.30	ug/L	99
43)	1,2-Dibromoethane	24.55	107	209054	9.03	ug/L	100
44)	Chlorobenzene	25.57	112	1782821	9.35	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	437598	8.56	ug/L	98
46)	Ethylbenzene	25.64	91	3624295	9.40	ug/L	98
47)	P & M-Xylene	25.83	91	5694782	18.56	ug/L	100
48)	o-Xylene	26.96	91	2692320	9.05	ug/L	99
49)	Styrene	27.03	104	1877020	9.10	ug/L	99
50)	Isopropylbenzene	27.82	105	3495467	9.03	ug/L	99
52)	Bromoform	28.00	173	108780	7.73	ug/L	100
53)	1,1,2,2-Tetrachloroethane	28.26	83	240364	9.09	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	191309	9.11	ug/L	99
56)	n-Propylbenzene	28.84	91	4453968	9.00	ug/L	98
57)	Bromobenzene	29.07	77	1037414	9.07	ug/L	96
58)	1,3,5-Trimethylbenzene	29.22	105	2989146	8.76	ug/L	99
59)	2-Chlorotoluene	29.37	91	2531625	9.00	ug/L	100
60)	4-Chlorotoluene	29.47	91	2426591	9.03	ug/L	100
61)	tert-Butylbenzene	30.14	119	2718211	8.73	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	3109506	8.86	ug/L	99
63)	sec-Butylbenzene	30.68	105	4162590	8.78	ug/L	99
64)	p-Isopropyltoluene	31.00	119	3349840	8.64	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	1358839	8.65	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	1324634	8.60	ug/L	99
67)	n-Butylbenzene	32.05	91	3170552	8.52	ug/L	99
68)	1,2-Dichlorobenzene	32.60	146	1042511	8.62	ug/L	99
69)	1,2,-Dibromo-3-chloropropa	34.66	157	33338	6.86	ug/L	99
70)	Nitrobenzene	34.92	77	105466	199.53	ug/L	94
71)	1,2,4-Trichlorobenzene	37.42	180	644048	7.36	ug/L	99
72)	Hexachlorobutadiene	37.84	225	452830	7.47	ug/L	99
73)	Naphthalene	38.40	128	776339	6.77	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	469376	7.10	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR17\0417C10.D Vial: 2
Acq On : 17 Apr 2002 9:59 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 19 14:30 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Mon Apr 29 08:52:24 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:12

Sample: AE09089
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/19/02 09:55 Ended: 4/19/02 09:55 Analyst: BH
Result source: a:\0417r5.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.1		
2	4-BROMOFLUOROBENZENE		5.1		
3	DICHLORODIFLUOROMETHAN		4.0		.5
4	CHLOROMETHANE		4.6		.5
5	VINYL CHLORIDE		5.3		.5
6	BROMOMETHANE		4.8		.5
7	CHLOROETHANE		5.0		.5
8	TRICHLOROFLUOROMETHANE		5.0		.5
9	ACETONE		6.0		.5
10	1,1-DICHLOROETHENE		4.1		.5
11	METHYLENE CHLORIDE		4.9		.5
12	METHYL TERT BUTYL ETHER		4.2		1
13	TRANS-1,2-DICHLOROETHEN		4.4		.5
14	1,1-DICHLOROETHANE		4.7		.5
15	2-BUTANONE (MEK)		4.1		.5
16	2,2-DICHLOROPROPANE		4.4		.5
17	CIS-1,2-DICHLOROETHENE		4.7		.5
18	CHLOROFORM		4.9		.5
19	BROMOCHLOROMETHANE		5.1		.5
20	1,2-DICHLOROETHANE		5.1		.5
21	TOLUENE-D8		5.2		
22	1,1,1-TRICHLOROETHANE		4.4		.5
23	1,1-DICHLOROPROPENE		4.5		.5
24	CARBON TETRACHLORIDE		4.0		.5
25	BENZENE		4.5		.5
26	TRICHLOROETHENE		4.4		.5
27	1,2-DICHLOROPROPANE		4.5		.5
28	DIBROMOMETHANE		4.6		.5
29	BROMODICHLOROMETHANE		4.4		.5
30	2-CHLOROETHYL VINYL ETHE		4.6		.5
31	METHYL ISO-BUTYL KETONE		3.5		1
32	CIS-1,3-DICHLOROPROPENE		4.1		.5
33	TOLUENE		4.6		.5
34	TRANS-1,3-DICHLOROPROPE		4.4		.5
35	1,1,2-TRICHLOROETHANE		4.8		.5
36	TETRACHLOROETHENE		4.2		.5
37	1,3-DICHLOROPROPANE		4.7		.5
38	DIBROMOCHLOROMETHANE		4.0		2
39	1,2-DIBROMOETHANE		4.6		.5
40	CHLOROBENZENE		4.6		.5
41	1,1,1,2-TETRACHLOROETHA		4.2		.5
42	2-HEXANONE		3.4		.5
43	ETHYLBENZENE		4.6		.5
44	P & M-XYLENE		9.0		.5
45	O-XYLENE		4.4		.5
46	STYRENE		4.6		.5
47	1,1,2,2-TETRACHLOROETHA		4.9		.5
48	BROMOFORM		4.0		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:12

Sample: AE09089
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/19/02 09:55 Ended: 4/19/02 09:55 Analyst: BH
Result source: a:\0417r5.rr

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.3		.5
50	1,2,3-TRICHLOROPROPANE		4.9		.5
51	N-PROPYLBENZENE		4.5		.5
52	BROMOBENZENE		4.8		.5
53	1,3,5-TRIMETHYLBENZENE		4.4		.5
54	2-CHLOROTOLUENE		4.7		.5
55	4-CHLOROTOLUENE		4.5		.5
56	TERT-BUTYLBENZENE		4.4		.5
57	1,2,4-TRIMETHYLBENZENE		4.4		.5
58	SEC-BUTYLBENZENE		4.4		.5
59	P-ISOPROPYLTOLUENE		4.6		.5
60	1,3-DICHLOROBENZENE		4.6		.5
61	1,4-DICHLOROBENZENE		4.5		.5
62	N-BUTYLBENZENE		4.7		.5
63	1,2-DICHLOROBENZENE		4.6		.5
64	1,2-DIBROMO-3-CHLOROPRO		3.6		.5
65	1,2,4-TRICHLOROBENZENE		4.2		.5
66	HEXACHLOROBUTADIENE		4.2		.5
67	NAPHTHALENE		3.8		.5
68	1,2,3-TRICHLOROBENZENE		4.1		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		120		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:25

Sample: AE09089
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/19/02 14:47 Ended: 4/19/02 14:47 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		.5
3	Dichlorodifluoromethane		80		.5
4	Chloromethane		92		.5
5	Vinyl chloride		106		.5
6	Bromomethane		96		.5
7	Chloroethane		100		.5
8	Trichlorofluoromethane		100		.5
9	1,1-Dichloroethene		82		.5
10	Methylene Chloride		98		.5
11	Methyl tert butyl ether		84		1.0
12	trans-1,2-dichloroethene		88		.5
13	1,1-dichloroethane		94		.5
14	2-butanone (MEK)		82		2.0
15	2,2-dichloropropane		88		.5
16	cis-1,2-dichloroethene		94		.5
17	Chloroform		98		.5
18	Bromochloromethane		102		.5
19	1,2-dichloroethane		102		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1-trichloroethane		88		.5
22	1,1-dichloropropene		90		.5
23	Carbon tetrachloride		80		.5
24	Benzene		90		.5
25	Trichloroethene		88		.5
26	1,2-dichloropropane		90		.5
27	Dibromomethane		92		.5
28	Bromodichloromethane		88		.5
29	Methyl iso-butyl ketone		70		1.0
30	cis-1,3-dichloropropene		82		.5
31	Toluene		92		.5
32	trans-1,3-dichloropropene		88		.5
33	1,1,2-trichloroethane		96		.5
34	Tetrachloroethene		84		.5
35	1,3-dichloropropane		94		.5
36	Dibromochloromethane		80		2.0
37	Chlorobenzene		92		.5
38	1,1,1,2-tetrachloroethane		84		.5
39	Ethylbenzene		92		.5
40	P & M-xylene		90		.5
41	O-xylene		88		.5
42	Styrene		92		.5
43	1,1,2,2-tetrachloroethane		98		.5
44	Bromoform		80		2.0
45	Isopropylbenzene		86		.5
46	1,2,3-trichloropropane		98		.5
47	N-propylbenzene		90		.5
48	Bromobenzene		96		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:25

Sample: AE09089
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/19/02 14:47 Ended: 4/19/02 14:47 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		88		.5
50	2-chlorotoluene		94		.5
51	4-chlorotoluene		90		.5
52	TERT-butylbenzene		88		.5
53	1,2,4-trimethylbenzene		88		.5
54	SEC-butylbenzene		88		.5
55	P-isopropyltoluene		92		.5
56	1,3-dichlorobenzene		92		.5
57	1,4-dichlorobenzene		90		.5
58	N-butylbenzene		94		.5
59	1,2-dichlorobenzene		92		.5
60	1,2,4-trichlorobenzene		84		.5
61	Hexachlorobutadiene		84		.5
62	Naphthalene		76		.5
63	1,2,3-trichlorobenzene		82		.5
64	Ethanol				
65	Nitrobenzene		120		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR17\0417R5.D Vial: 3
Acq On : 17 Apr 2002 11:32 am Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 19 09:54:53 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 19 09:54:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1903215	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.46	117	1792217	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.53	150	1485935	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.76	65	369130	5.09	ug/L	0.00
Spiked Amount 5.000			Recovery =	101.80%		
17) Toluene-d8	21.61	98	2501763	5.22	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.40%		
54) 4-Bromofluorobenzene	28.50	95	876639	5.13	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.60%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	216030	3.99	ug/L	98
4) Chloromethane	5.90	50	351862	4.56	ug/L	99
5) Vinyl Chloride	6.16	62	374589	5.25	ug/L	98
6) Bromomethane	7.28	94	195060	4.82	ug/L	97
7) Chloroethane	7.44	64	224538	5.00	ug/L	99
8) Trichlorofluoromethane	8.12	101	449738	4.99	ug/L	99
11) Acetone	9.34	43	28672	5.96	ug/L	92
12) 1,1-Dichloroethene	9.77	61	340791	4.06	ug/L	98
13) Methylene Chloride	11.02	49	305786	4.92	ug/L	97
14) Methyl tert-butyl ether	11.39	73	358943	4.20	ug/L	99
15) trans-1,2-Dichloroethene	11.83	61	387522	4.39	ug/L	99
16) 1,1-Dichloroethane	12.93	63	505629	4.74	ug/L	100
18) 2-Butanone (MEK)	13.97	43	37892	4.08	ug/L	99
19) 2,2-Dichloropropane	14.40	77	420011	4.42	ug/L	89
20) cis-1,2-Dichloroethene	14.52	61	380008	4.66	ug/L	98
21) Chloroform	14.93	83	465993	4.95	ug/L	99
22) Bromochloromethane	15.39	49	165950	5.07	ug/L	94
23) 1,1,1-Trichloroethane	15.99	97	412393	4.36	ug/L	97
24) 1,1-Dichloropropene	16.38	75	408145	4.55	ug/L	99
25) Carbon Tetrachloride	16.68	117	323384	4.02	ug/L	100
26) 1,2-Dichloroethane	17.00	62	242469	5.14	ug/L	99
28) Benzene	17.09	78	1314769	4.50	ug/L	99
29) Trichloroethene	18.61	95	318028	4.36	ug/L	96
30) 1,2-Dichloropropane	19.04	63	270304	4.51	ug/L	99
31) Bromodichloromethane	19.64	83	282322	4.37	ug/L	99
32) Dibromomethane	19.82	93	83622	4.61	ug/L	94
33) 2-CEVE	20.27	63	68471	3.66	ug/L	94
34) Methyl iso-butyl ketone	20.36	43	86502	3.48	ug/L	91
35) cis-1,3-Dichloropropene	20.95	75	334211	4.12	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR17\0417R5.D Vial: 3
Acq On : 17 Apr 2002 11:32 am Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 19 09:54:53 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 19 09:54:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

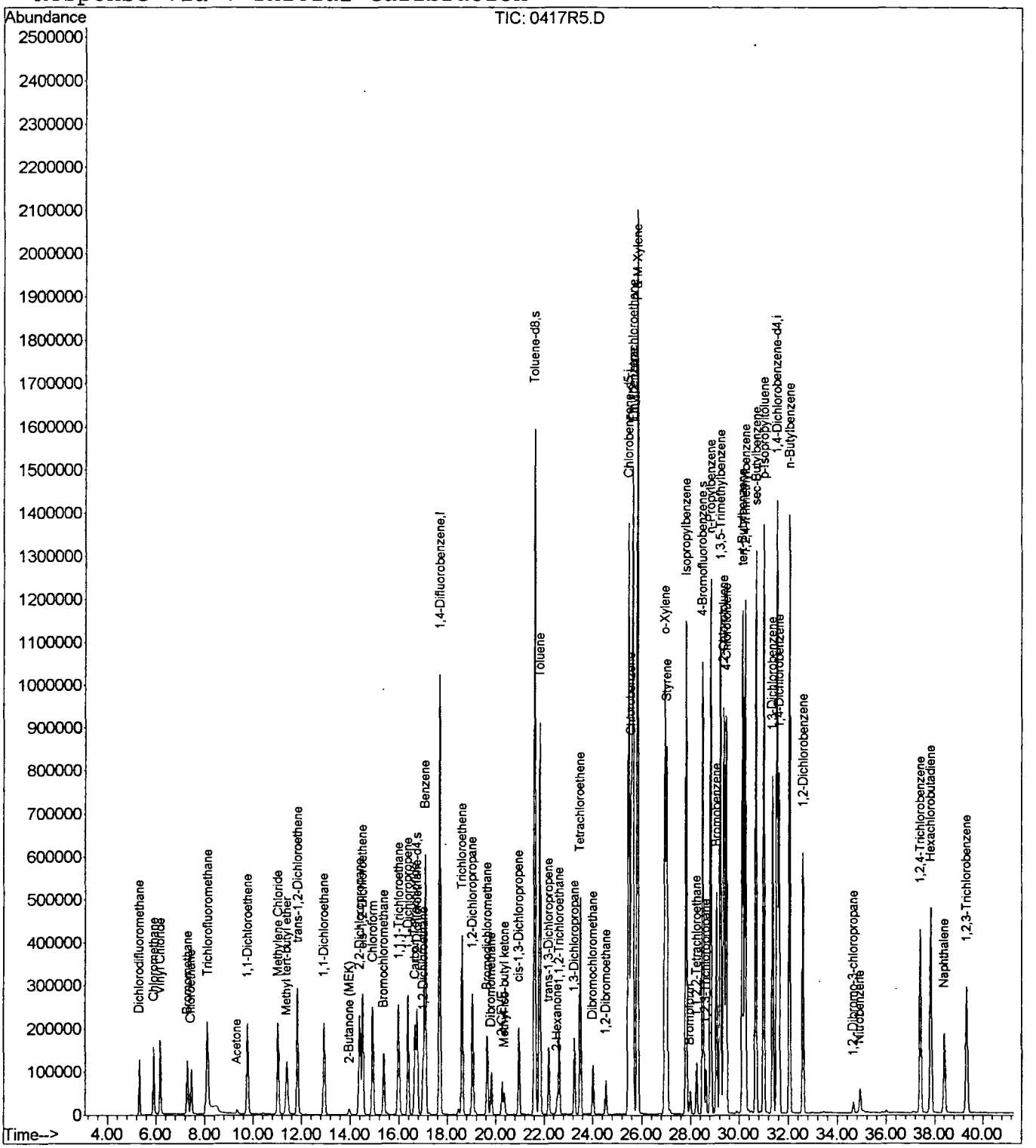
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.82	91	1614035	4.60	ug/L	99
37)	trans-1,3-Dichloropropene	22.19	75	245073	4.43	ug/L	98
38)	2-Hexanone	22.54	43	55887	3.40	ug/L	95
39)	1,1,2-Trichloroethane	22.62	97	139071	4.79	ug/L	97
40)	1,3-Dichloropropane	23.24	76	261896	4.72	ug/L	100
41)	Tetrachloroethene	23.49	166	334723	4.16	ug/L	98
42)	Dibromochloromethane	24.01	129	134747	4.03	ug/L	99
43)	1,2-Dibromoethane	24.54	107	116275	4.58	ug/L	99
44)	Chlorobenzene	25.56	112	966299	4.63	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.63	131	236536	4.22	ug/L	100
46)	Ethylbenzene	25.63	91	1943016	4.60	ug/L	98
47)	P & M-Xylene	25.83	91	3036714	9.03	ug/L	100
48)	o-Xylene	26.95	91	1449690	4.45	ug/L	98
49)	Styrene	27.03	104	1037759	4.59	ug/L	99
50)	Isopropylbenzene	27.81	105	1820475	4.29	ug/L	99
52)	Bromoform	27.99	173	57104	3.99	ug/L	99
53)	1,1,2,2-Tetrachloroethane	28.25	83	136723	4.91	ug/L	98
55)	1,2,3-Trichloropropane	28.63	75	108734	4.92	ug/L	99
56)	n-Propylbenzene	28.84	91	2341458	4.49	ug/L	98
57)	Bromobenzene	29.07	77	578248	4.80	ug/L	96
58)	1,3,5-Trimethylbenzene	29.22	105	1597724	4.44	ug/L	99
59)	2-Chlorotoluene	29.37	91	1388041	4.69	ug/L	99
60)	4-Chlorotoluene	29.46	91	1283240	4.53	ug/L	100
61)	tert-Butylbenzene	30.14	119	1428453	4.36	ug/L	98
62)	1,2,4-Trimethylbenzene	30.25	105	1642936	4.45	ug/L	100
63)	sec-Butylbenzene	30.68	105	2212321	4.43	ug/L	99
64)	p-Isopropyltoluene	31.00	119	1874970	4.59	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	766847	4.63	ug/L	100
66)	1,4-Dichlorobenzene	31.62	146	737273	4.55	ug/L	98
67)	n-Butylbenzene	32.05	91	1841402	4.70	ug/L	98
68)	1,2-Dichlorobenzene	32.60	146	585654	4.60	ug/L	99
69)	1,2,-Dibromo-3-chloropropa	34.65	157	17566	3.64	ug/L	91
70)	Nitrobenzene	34.91	77	56780	116.43	ug/L	91
71)	1,2,4-Trichlorobenzene	37.42	180	390216	4.24	ug/L	98
72)	Hexachlorobutadiene	37.84	225	268654	4.21	ug/L	99
73)	Naphthalene	38.40	128	462457	3.83	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	287823	4.13	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR17\0417R5.D Vial: 3
Acq On : 17 Apr 2002 11:32 am Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 19 9:54 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 19 09:54:48 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417B2.D Vial: 1
Acq On : 17 Apr 2002 1:36 pm Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 14:17:26 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 11:12:22 2002
Response via : Initial Calibration
DataAcq Meth : W032602

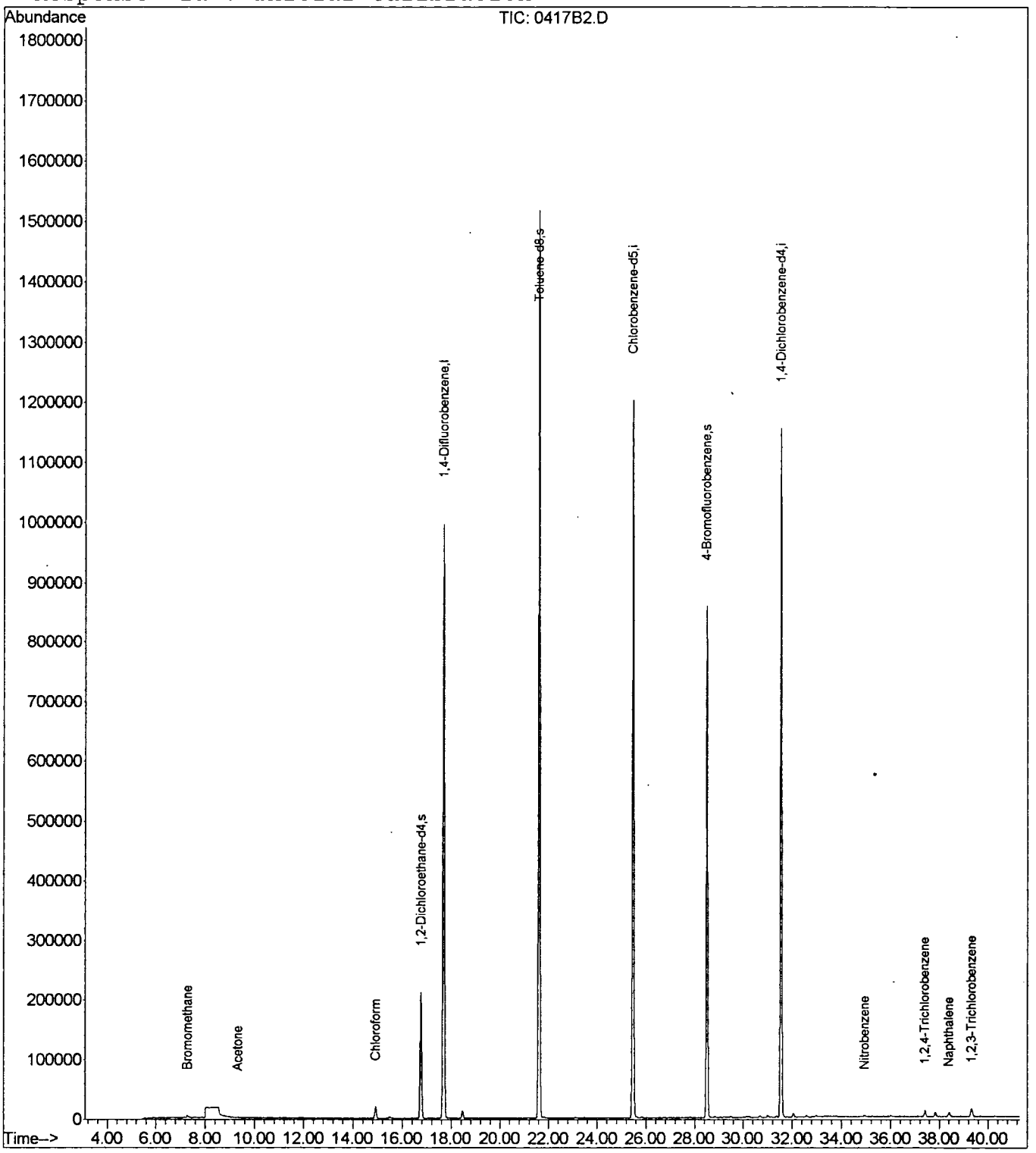
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1838378	5.00	ug/L		0.00
27) Chlorobenzene-d5	25.46	117	1572474	5.00	ug/L		0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1137358	5.00	ug/L		0.00
System Monitoring Compounds							
2) 1,2-Dichloroethane-d4	16.77	65	332108	4.74	ug/L		0.00
Spiked Amount 5.000			Recovery = 94.80%				
17) Toluene-d8	21.61	98	2376368	5.13	ug/L		0.00
Spiked Amount 5.000			Recovery = 102.60%				
54) 4-Bromofluorobenzene	28.50	95	708706	5.41	ug/L		0.00
Spiked Amount 5.000			Recovery = 108.20%				
Target Compounds							Qvalue
6) Bromomethane	7.28	94	7931	0.18	ug/L		65
11) Acetone	9.35	43	2640	0.57	ug/L		88
18) 2-Butanone (MEK)	13.96	43	400	Below Cal		#	50
21) Chloroform	14.93	83	35090	0.39	ug/L		98
34) Methyl iso-butyl ketone	20.41	43	254	Below Cal			92
38) 2-Hexanone	22.56	43	223	Below Cal		#	34
70) Nitrobenzene	34.91	77	2335	7.68	ug/L		71
71) 1,2,4-Trichlorobenzene	37.41	180	8650	0.12	ug/L		99
73) Naphthalene	38.40	128	17067	0.18	ug/L		98
74) 1,2,3-Trichlorobenzene	39.33	180	13068	0.25	ug/L		99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417B2.D Vial: 1
Acq On : 17 Apr 2002 1:36 pm Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 14:17 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 11:12:22 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 15:01:42

Sample: AE09089
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/17/02 22:28 Ended: 4/17/02 22:28 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane		10		.5
4	Chloromethane		10		.5
5	Vinyl chloride		11		.5
6	Bromomethane		9.8		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		8.3		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		41		2.0
15	2,2-dichloropropane		9.0		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.5		.5
24	Benzene		10		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		9.4		.5
29	Methyl iso-butyl ketone		39		1.0
30	cis-1,3-dichloropropene		8.9		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		8.7		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		8.6		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		9.3		.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		9.6		.5
44	Bromoform		7.6		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		9.8		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		9.9		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 15:01:42

Sample: AE09089
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/17/02 22:28 Ended: 4/17/02 22:28 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.8		.5
50	2-chlorotoluene		9.9		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		9.7		.5
53	1,2,4-trimethylbenzene		9.9		.5
54	SEC-butylbenzene		9.9		.5
55	P-isopropyltoluene		9.9		.5
56	1,3-dichlorobenzene		9.7		.5
57	1,4-dichlorobenzene		9.6		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		9.6		.5
60	1,2,4-trichlorobenzene		8.6		.5
61	Hexachlobutadiene		8.9		.5
62	Naphthalene		7.5		.5
63	1,2,3-trichlorobenzene		8.3		.5
64	Nitrobenzene		180		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417C10C.D Vial: 3
Acq On : 17 Apr 2002 9:46 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 22:28:00 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1694899	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1527975	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1412354	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	317405	4.91	ug/L	0.00
Spiked Amount 5.000			Recovery = 98.20%			
17) Toluene-d8	21.62	98	2261256	5.29	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.80%			
54) 4-Bromofluorobenzene	28.51	95	741014	4.56	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.20%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	506181	10.49	ug/L	99
4) Chloromethane	5.92	50	702682	10.22	ug/L	99
5) Vinyl Chloride	6.18	62	745065	10.84	ug/L	100
6) Bromomethane	7.29	94	380921	9.84	ug/L	100
7) Chloroethane	7.46	64	451350	11.28	ug/L	99
8) Trichlorofluoromethane	8.13	101	887886	11.06	ug/L	100
11) Acetone	9.36	43	165736	38.68	ug/L	99
12) 1,1-Dichloroethene	9.79	61	790571	10.58	ug/L	100
13) Methylene Chloride	11.04	49	608719	11.01	ug/L	99
14) Methyl tert-butyl ether	11.41	73	631696	8.30	ug/L	99
15) trans-1,2-Dichloroethene	11.85	61	846070	10.77	ug/L	99
16) 1,1-Dichloroethane	12.96	63	1037831	10.92	ug/L	99
18) 2-Butanone (MEK)	13.98	43	264131	40.72	ug/L	99
19) 2,2-Dichloropropane	14.42	77	759462	8.97	ug/L	90
20) cis-1,2-Dichloroethene	14.55	61	766724	10.56	ug/L	99
21) Chloroform	14.95	83	913482	10.89	ug/L	99
22) Bromochloromethane	15.41	49	322086	11.05	ug/L	96
23) 1,1,1-Trichloroethane	16.01	97	851437	10.10	ug/L	96
24) 1,1-Dichloropropene	16.39	75	819985	10.25	ug/L	98
25) Carbon Tetrachloride	16.69	117	678387	9.46	ug/L	99
26) 1,2-Dichloroethane	17.01	62	441585	10.52	ug/L	100
28) Benzene	17.11	78	2613520	10.49	ug/L	99
29) Trichloroethene	18.62	95	622356	10.02	ug/L	97
30) 1,2-Dichloropropane	19.06	63	508750	9.96	ug/L	100
31) Bromodichloromethane	19.66	83	515754	9.36	ug/L	99
32) Dibromomethane	19.83	93	158600	10.26	ug/L	95
34) Methyl iso-butyl ketone	20.36	43	818762	38.67	ug/L	98
35) cis-1,3-Dichloropropene	20.96	75	614509	8.88	ug/L	99
36) Toluene	21.83	91	3199133	10.70	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417C10C.D Vial: 3
Acq On : 17 Apr 2002 9:46 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 22:28:00 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration
DataAcq Meth : W032602

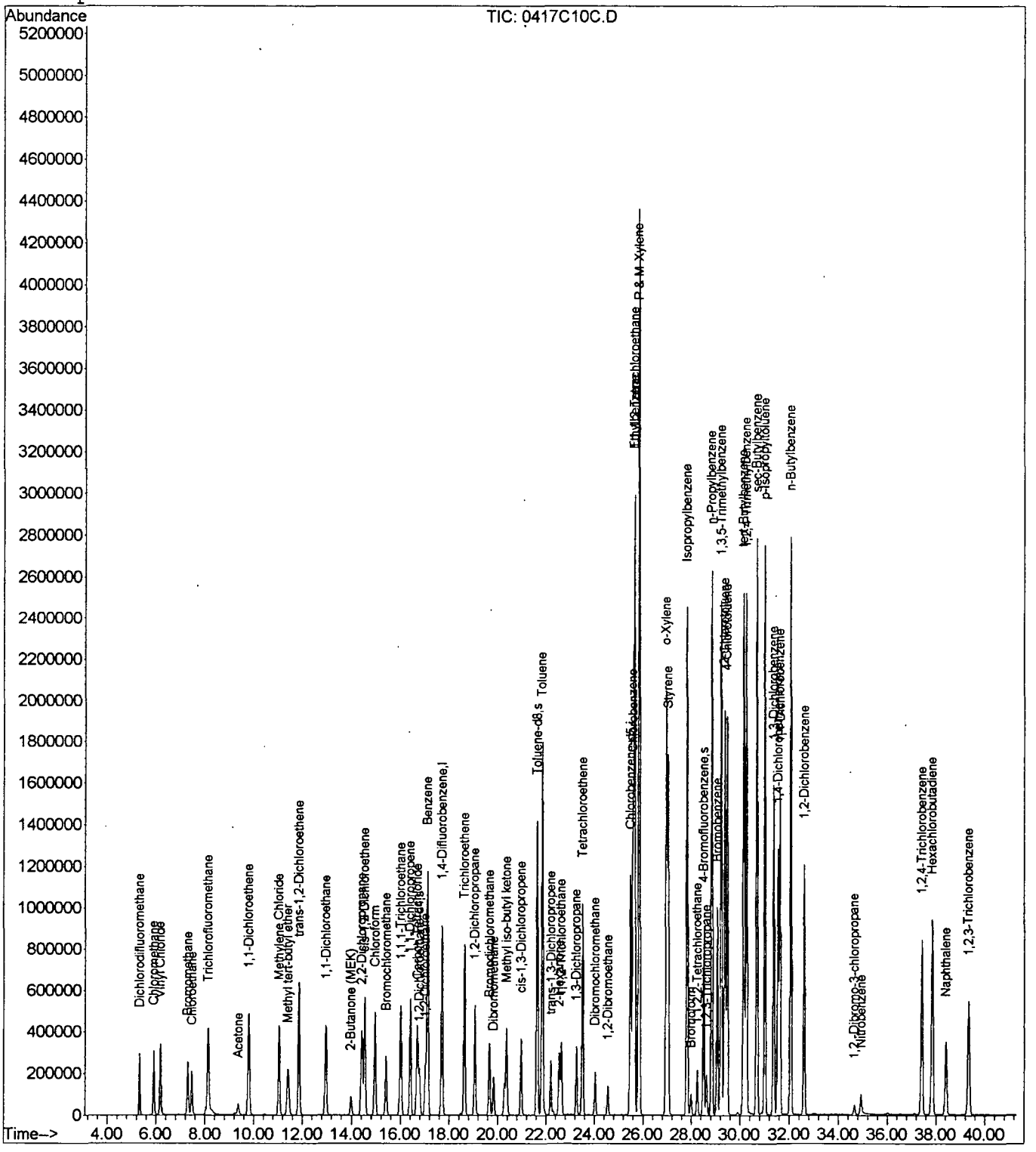
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
37)	trans-1,3-Dichloropropene	22.20	75	407854	8.65	ug/L	99
38)	2-Hexanone	22.54	43	470360	38.70	ug/L	97
39)	1,1,2-Trichloroethane	22.63	97	253889	10.26	ug/L	98
40)	1,3-Dichloropropane	23.26	76	476171	10.06	ug/L	98
41)	Tetrachloroethene	23.51	166	683674	9.96	ug/L	98
42)	Dibromochloromethane	24.02	129	244672	8.58	ug/L	100
43)	1,2-Dibromoethane	24.55	107	214457	9.92	ug/L	98
44)	Chlorobenzene	25.57	112	1910133	10.73	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	443213	9.28	ug/L	99
46)	Ethylbenzene	25.64	91	3935059	10.93	ug/L	97
47)	P & M-Xylene	25.83	91	6246185	21.80	ug/L	100
48)	o-Xylene	26.96	91	2939671	10.58	ug/L	99
49)	Styrene	27.03	104	2084059	10.81	ug/L	99
50)	Isopropylbenzene	27.82	105	3856917	10.67	ug/L	100
52)	Bromoform	28.00	173	106579	7.57	ug/L	99
53)	1,1,2,2-Tetrachloroethane	28.26	83	253113	9.56	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	205804	9.79	ug/L	98
56)	n-Propylbenzene	28.84	91	4998462	10.08	ug/L	98
57)	Bromobenzene	29.07	77	1131411	9.88	ug/L	96
58)	1,3,5-Trimethylbenzene	29.22	105	3347605	9.80	ug/L	99
59)	2-Chlorotoluene	29.37	91	2794525	9.93	ug/L	99
60)	4-Chlorotoluene	29.47	91	2692995	10.01	ug/L	100
61)	tert-Butylbenzene	30.14	119	3025256	9.70	ug/L	98
62)	1,2,4-Trimethylbenzene	30.25	105	3472795	9.89	ug/L	99
63)	sec-Butylbenzene	30.68	105	4712996	9.94	ug/L	99
64)	p-Isopropyltoluene	31.00	119	3823865	9.85	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	1530675	9.73	ug/L	100
66)	1,4-Dichlorobenzene	31.62	146	1479305	9.60	ug/L	99
67)	n-Butylbenzene	32.05	91	3731454	10.02	ug/L	98
68)	1,2-Dichlorobenzene	32.60	146	1163729	9.61	ug/L	99
69)	1,2,-Dibromo-3-chloropropa	34.65	157	34345	7.06	ug/L	98
70)	Nitrobenzene	34.92	77	94459	183.03	ug/L	94
71)	1,2,4-Trichlorobenzene	37.42	180	753126	8.60	ug/L	99
72)	Hexachlorobutadiene	37.85	225	539293	8.89	ug/L	100
73)	Naphthalene	38.40	128	866553	7.55	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	549424	8.30	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417C10C.D Vial: 3
Acq On : 17 Apr 2002 9:46 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 22:28 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:30

Sample: AE09089
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/17/02 23:19 Ended: 4/17/02 23:19 Analyst: BH
Result source: a:\9089.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:30

Sample: AE09089
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/17/02 23:19 Ended: 4/17/02 23:19 Analyst: BH
Result source: a:\9089.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:\MSDchem\1\5973N\02apr17\9089.D Vial: 6
Acq On : 17 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 00:00:57 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration
DataAcq Meth : W032602

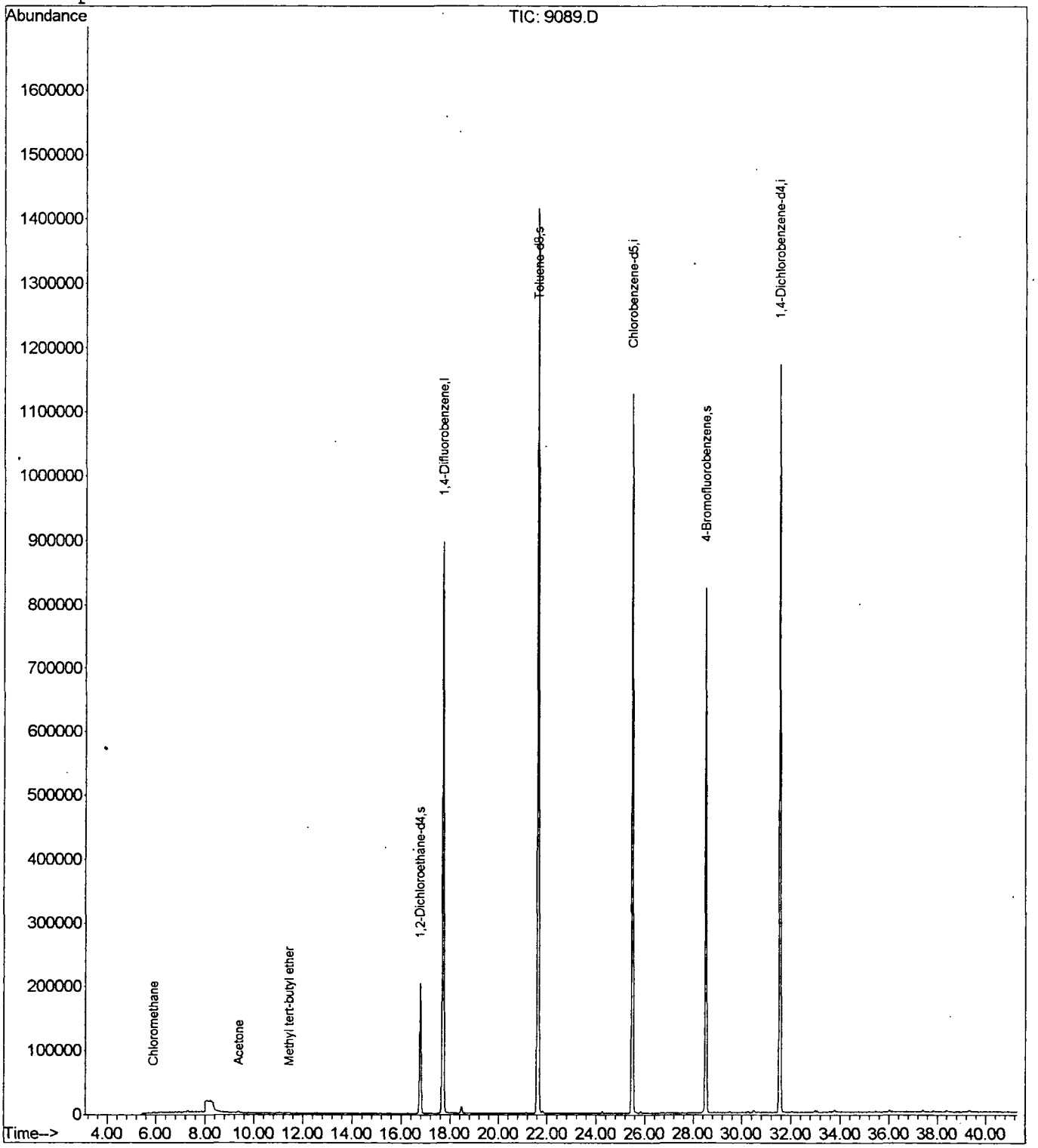
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1655864	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1490908	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1132221	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	314305	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.60%			
17) Toluene-d8	21.62	98	2191939	5.25	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.00%			
54) 4-Bromofluorobenzene	28.51	95	669688	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.80%			
Target Compounds						Qvalue
4) Chloromethane	5.92	50	5167	0.08	ug/L	95
11) Acetone	9.37	43	8022	1.92	ug/L	99
14) Methyl tert-butyl ether	11.43	73	3723	0.05	ug/L	89
18) 2-Butanone (MEK)	13.98	43	705	Below Cal	#	72
38) 2-Hexanone	22.55	43	523	Below Cal	#	34

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\9089.D Vial: 6
Acq On : 17 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 0:00 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR17\9089.D Vial: 6
Acq On : 17 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

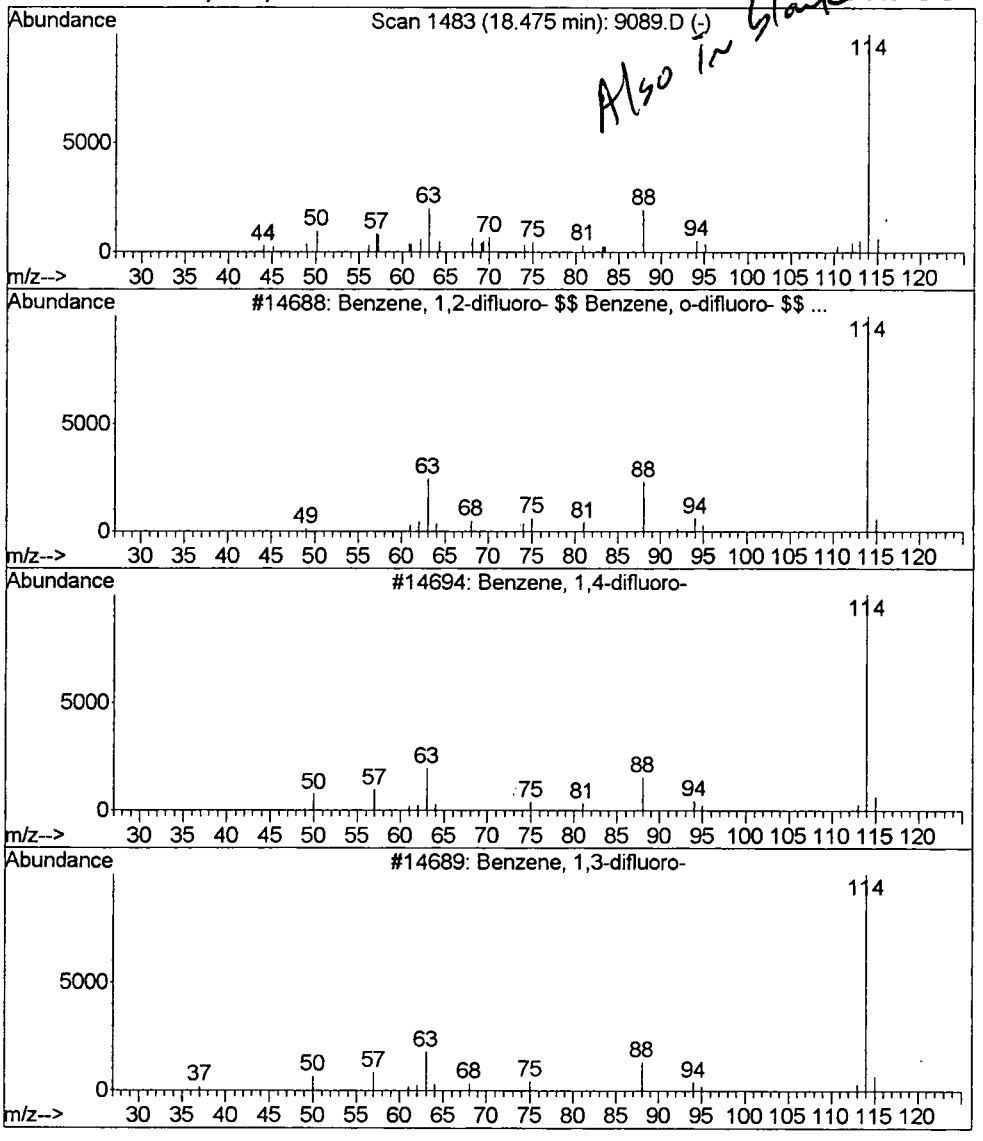
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

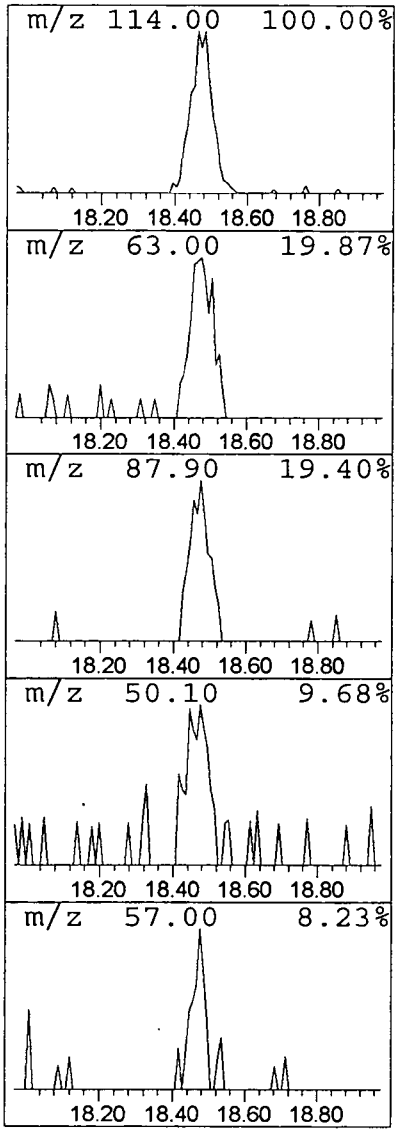
****

Peak Number 2 Benzene, 1,2-difluoro- $$ B... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	45464	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	87
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	87
4	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	87





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:53

Sample: AE09090
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/18/02 00:06 Ended: 4/18/02 00:06 Analyst: BH
Result source: a:\9090.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 4/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:47:53

Sample: AE09090
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/18/02 00:06 · Ended: 4/18/02 00:06 Analyst: BH
Result source: a:\9090.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:\MSDchem\1\5973N\02apr17\9090.D Vial: 7
Acq On : 18 Apr 2002 12:06 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 00:47:25 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration
DataAcq Meth : W032602

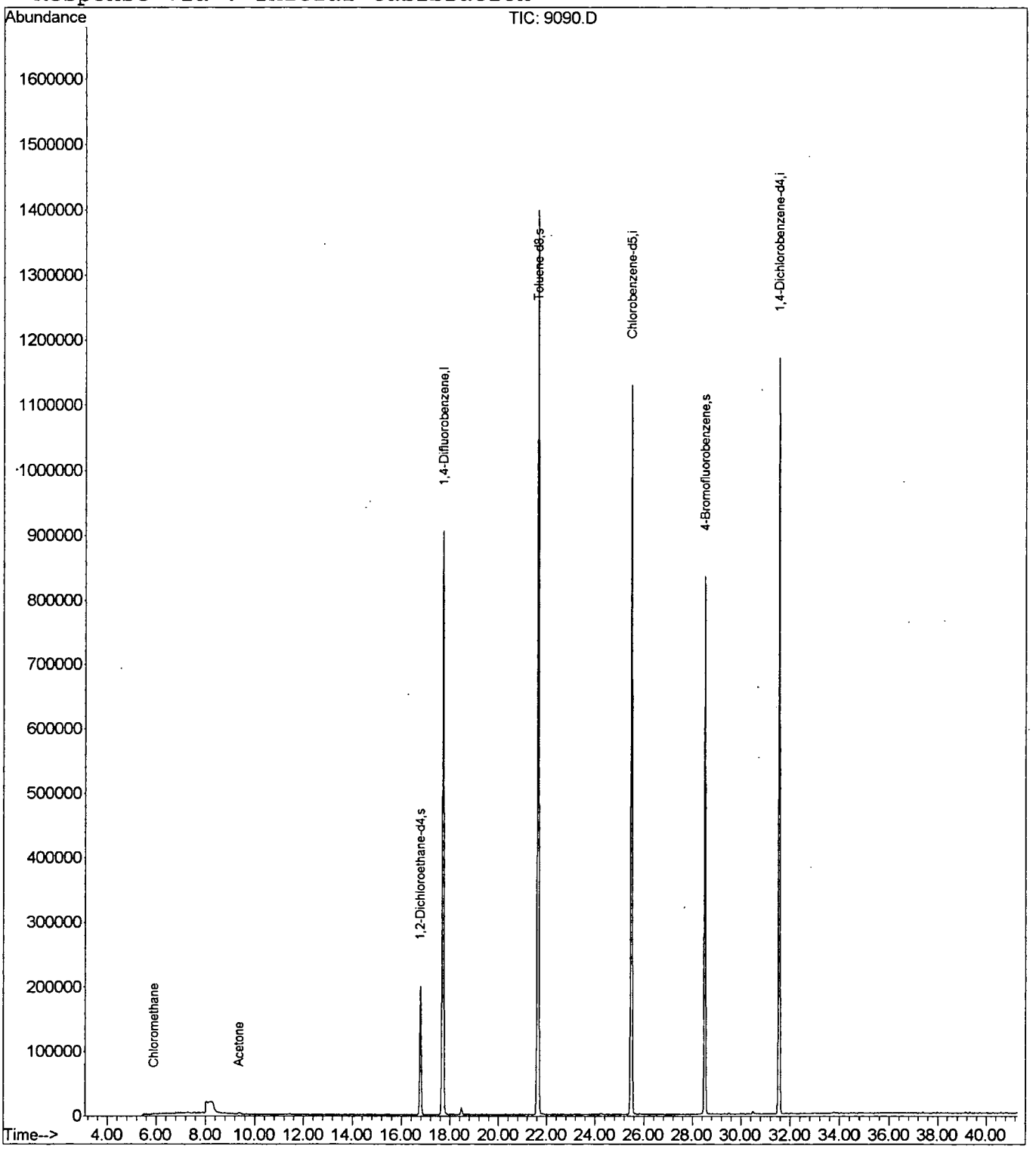
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1650399	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1499645	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1134854	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	311807	4.96	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.20%		
17) Toluene-d8	21.62	98	2192214	5.27	ug/L	0.00
Spiked Amount 5.000			Recovery =	105.40%		
54) 4-Bromofluorobenzene	28.51	95	676669	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.60%		
Target Compounds						Qvalue
4) Chloromethane	5.92	50	3382	0.05	ug/L	82
11) Acetone	9.36	43	8026	1.92	ug/L	77
18) 2-Butanone (MEK)	13.95	43	153	Below Cal	#	50
38) 2-Hexanone	22.57	43	548	Below Cal	#	34

(#) = qualifier out of range (m) = manual integration
9090.D W032602.M Thu Apr 18 00:47:25 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\9090.D Vial: 7
Acq On : 18 Apr 2002 12:06 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 0:47 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR17\9090.D Vial: 7
Acq On : 18 Apr 2002 12:06 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

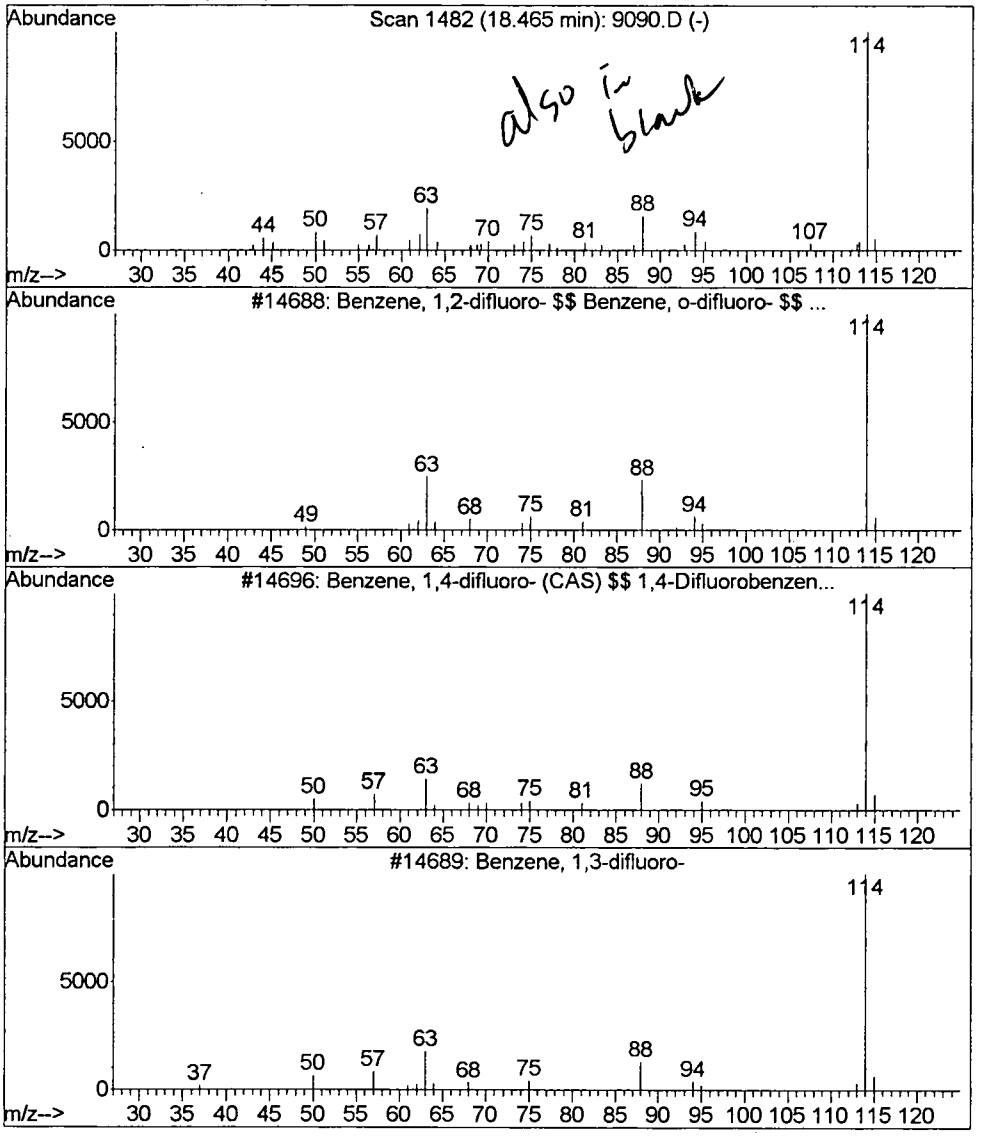
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

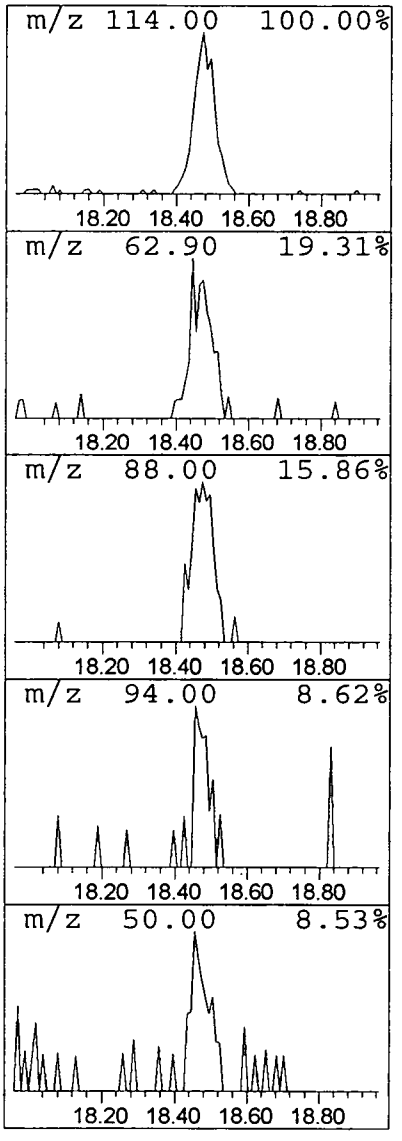
****

Peak Number 2 Benzene, 1,2-difluoro- $$ B... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.07 ug/L	47894	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	90
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	87
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	86
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 10:55:58

Sample: AE09091
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/18/02 00:52 Ended: 4/18/02 00:52 Analyst: BH
Result source: a:\9091.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/29/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 10:55:58

Sample: AE09091
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/18/02 00:52 Ended: 4/18/02 00:52 Analyst: BH
Result source: a:\9091.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		1.9		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:\MSDchem\1\5973N\02apr17\9091.D Vial: 8
Acq On : 18 Apr 2002 12:52 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 01:33:53 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1601989	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1470241	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1160431	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	299124	4.90	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.00%		
17) Toluene-d8	21.62	98	2155802	5.34	ug/L	0.00
Spiked Amount 5.000			Recovery =	106.80%		
54) 4-Bromofluorobenzene	28.51	95	667247	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
4) Chloromethane	5.92	50	3679	0.06	ug/L	85
11) Acetone	9.37	43	12058	2.98	ug/L	91
18) 2-Butanone (MEK)	13.94	43	467	Below Cal	#	50
38) 2-Hexanone	22.56	43	457	Below Cal	#	48
65) 1,3-Dichlorobenzene	~~31.63~~	~~146~~	236557	~~1.83~~	~~ug/L~~	97
66) 1,4-Dichlorobenzene 1.9	31.63	146	236557	1.87	ug/L	97

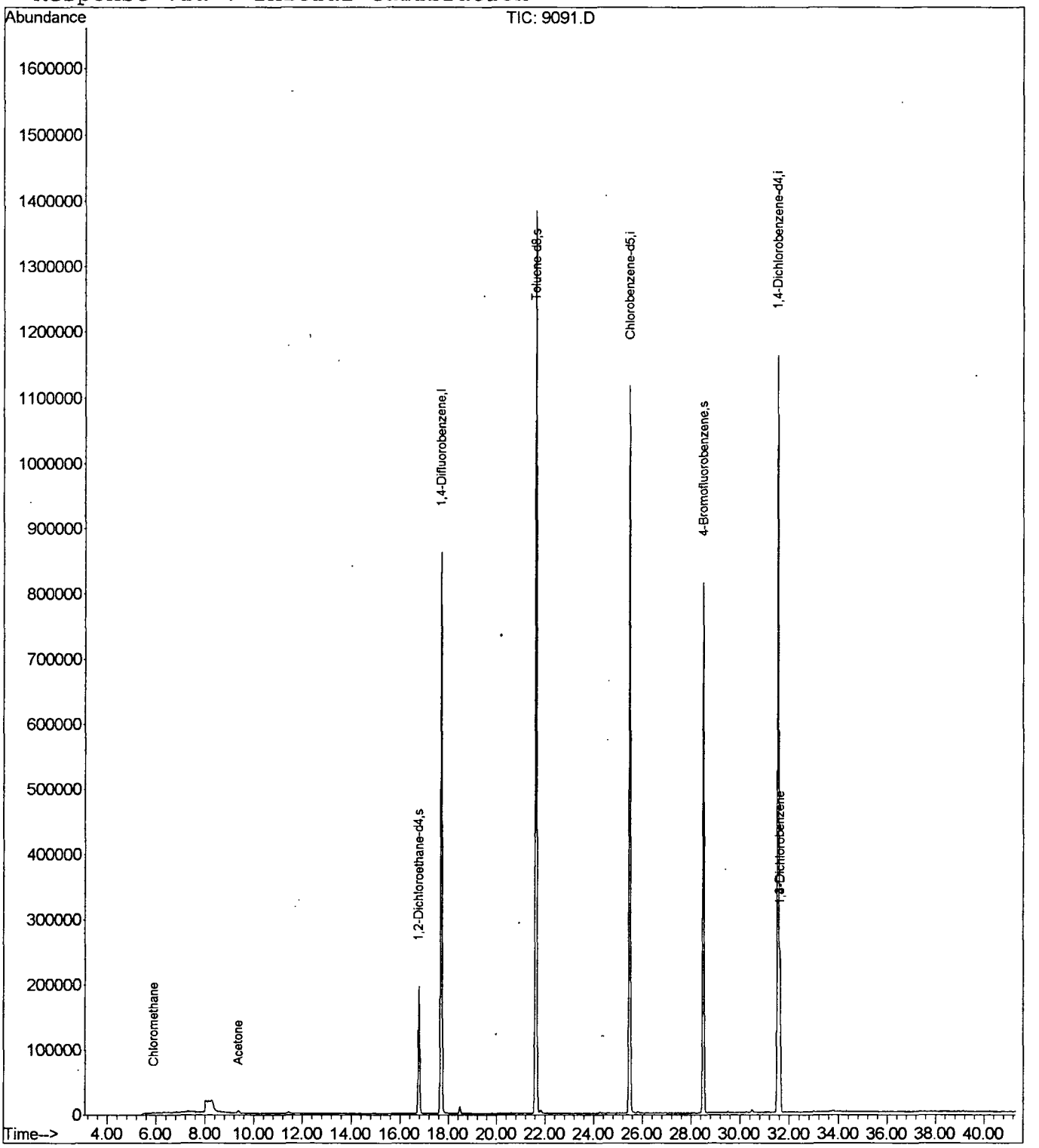
Run Avg - 1.9 Both
(See 4/19 Both)

(#) = qualifier out of range (m) = manual integration
9091.D W032602.M Thu Apr 18 01:33:54 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\9091.D Vial: 8
Acq On : 18 Apr 2002 12:52 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 1:33 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR17\9091.D Vial: 8
Acq On : 18 Apr 2002 12:52 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

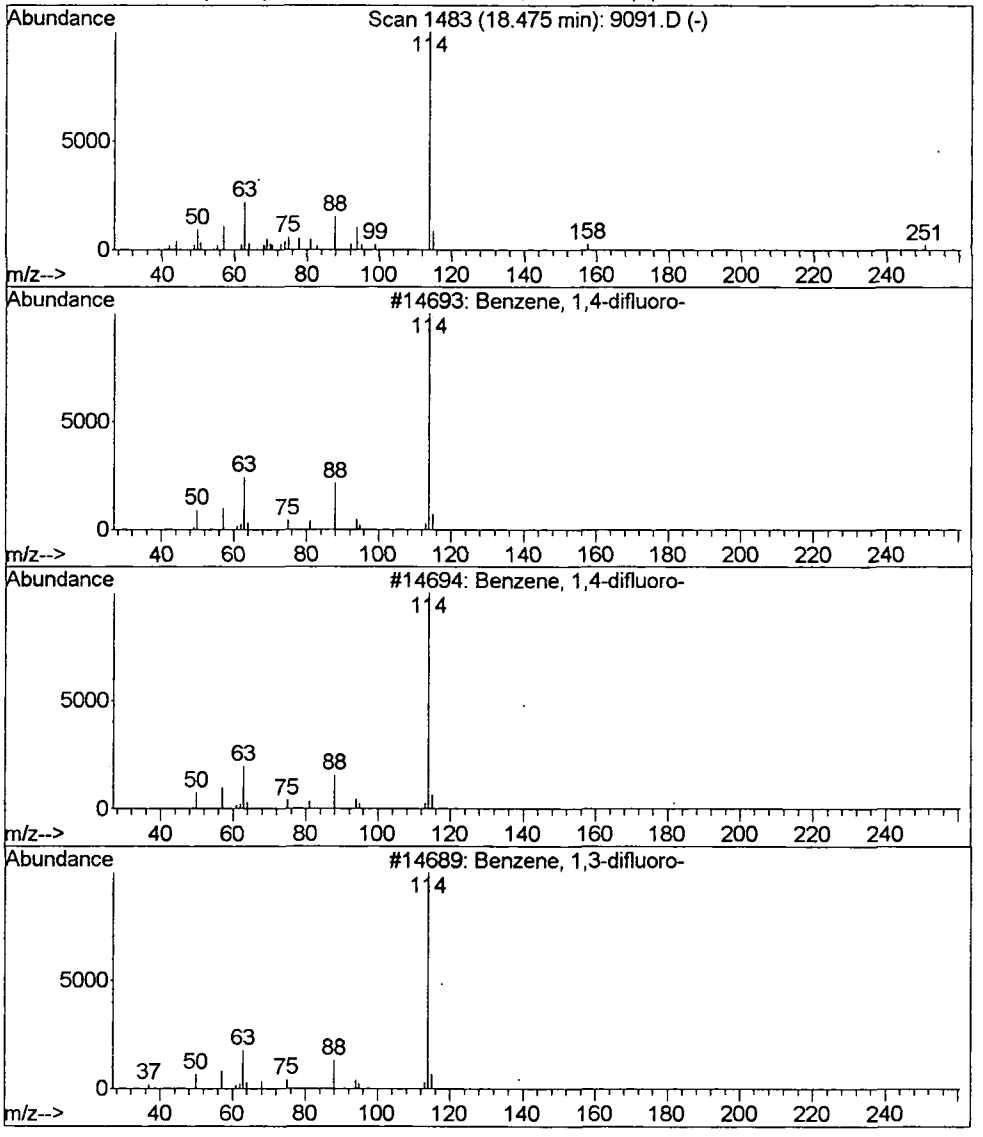
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

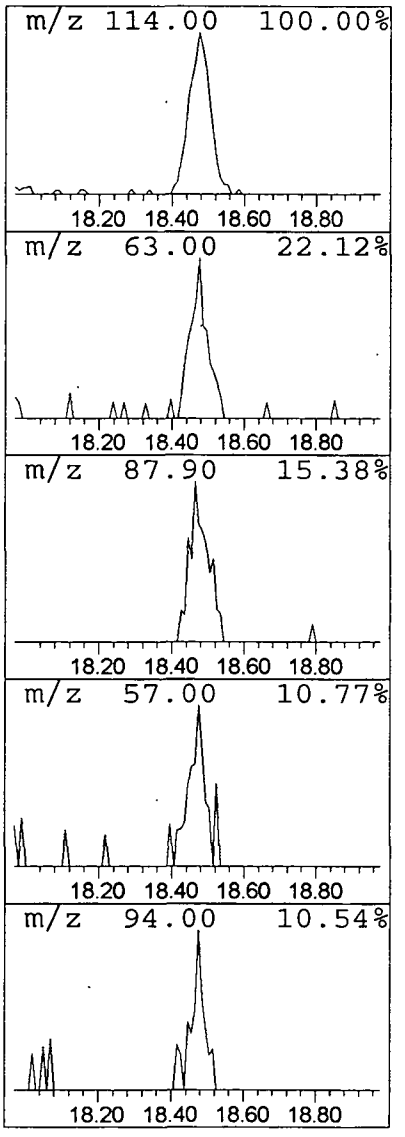
****

Peak Number 3 Benzene, 1,4-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	45289	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	90





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:46:21

Sample: AE09089
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/18/02 02:20 Ended: 4/18/02 02:20 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.5		.5
3	Dichlorodifluoromethane		10		.5
4	Chloromethane		10		.5
5	Vinyl chloride		11		.5
6	Bromomethane		9.7		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether (MTBE)		8.6		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		42		2.0
15	2,2-dichloropropane		8.3		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		12		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.6		.5
24	Benzene		11		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		9.6		.5
29	Methyl iso-butyl ketone		40		1.0
30	cis-1,3-dichloropropene		9.1		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		8.8		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		9.8		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		9.0		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		9.5		.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		7.7		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		10		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 14:46:21

Sample: AE09089
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/18/02 02:20 Ended: 4/18/02 02:20 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.7		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		9.7		.5
53	1,2,4-trimethylbenzene		9.8		.5
54	SEC-butylbenzene		9.8		.5
55	P-isopropyltoluene		9.7		.5
56	1,3-dichlorobenzene		9.7		.5
57	1,4-dichlorobenzene		9.7		.5
58	N-butylbenzene		9.6		.5
59	1,2-dichlorobenzene		9.8		.5
60	1,2,4-trichlorobenzene		8.5		.5
61	Hexachlobutadiene		8.6		.5
62	Naphthalene		7.6		.5
63	1,2,3-trichlorobenzene		8.2		.5
64	Nitrobenzene		190		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417C10D.D Vial: 3
Acq On : 18 Apr 2002 1:38 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 02:20:25 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1705920	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1545358	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1428813	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	323582	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.60%		
17) Toluene-d8	21.62	98	2297445	5.34	ug/L	0.00
Spiked Amount 5.000			Recovery =	106.80%		
54) 4-Bromofluorobenzene	28.51	95	741445	4.51	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.20%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	487638	10.04	ug/L	99
4) Chloromethane	5.92	50	713191	10.30	ug/L	99
5) Vinyl Chloride	6.18	62	730694	10.56	ug/L	100
6) Bromomethane	7.29	94	375743	9.66	ug/L	100
7) Chloroethane	7.45	64	442084	10.98	ug/L	99
8) Trichlorofluoromethane	8.13	101	876266	10.84	ug/L	100
11) Acetone	9.36	43	172655	40.04	ug/L	100
12) 1,1-Dichloroethene	9.79	61	799797	10.63	ug/L	99
13) Methylene Chloride	11.04	49	641304	11.52	ug/L	98
14) Methyl tert-butyl ether	11.41	73	659024	8.61	ug/L	98
15) trans-1,2-Dichloroethene	11.85	61	859458	10.87	ug/L	99
16) 1,1-Dichloroethane	12.95	63	1066563	11.15	ug/L	99
18) 2-Butanone (MEK)	13.98	43	274108	42.04	ug/L	99
19) 2,2-Dichloropropane	14.43	77	704853	8.27	ug/L	90
20) cis-1,2-Dichloroethene	14.55	61	794056	10.87	ug/L	98
21) Chloroform	14.95	83	955211	11.32	ug/L	99
22) Bromochloromethane	15.41	49	337590	11.51	ug/L	96
23) 1,1,1-Trichloroethane	16.01	97	871215	10.27	ug/L	97
24) 1,1-Dichloropropene	16.39	75	823791	10.24	ug/L	100
25) Carbon Tetrachloride	16.69	117	689894	9.56	ug/L	100
26) 1,2-Dichloroethane	17.01	62	463698	10.97	ug/L	100
28) Benzene	17.10	78	2686599	10.66	ug/L	99
29) Trichloroethene	18.62	95	636615	10.13	ug/L	97
30) 1,2-Dichloropropane	19.06	63	523862	10.14	ug/L	98
31) Bromodichloromethane	19.66	83	536739	9.63	ug/L	99
32) Dibromomethane	19.84	93	166969	10.68	ug/L	95
34) Methyl iso-butyl ketone	20.36	43	864590	40.37	ug/L	98
35) cis-1,3-Dichloropropene	20.96	75	633217	9.05	ug/L	98
36) Toluene	21.83	91	3282144	10.85	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417C10D.D Vial: 3
Acq On : 18 Apr 2002 1:38 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 02:20:25 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration
DataAcq Meth : W032602

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
37)	trans-1,3-Dichloropropene	22.20	75	418171	8.77	ug/L	98
38)	2-Hexanone	22.54	43	484840	39.46	ug/L	98
39)	1,1,2-Trichloroethane	22.63	97	270685	10.81	ug/L	98
40)	1,3-Dichloropropane	23.25	76	496372	10.37	ug/L	99
41)	Tetrachloroethene	23.50	166	679075	9.78	ug/L	98
42)	Dibromochloromethane	24.02	129	259151	8.98	ug/L	100
43)	1,2-Dibromoethane	24.55	107	222779	10.19	ug/L	100
44)	Chlorobenzene	25.57	112	1979638	11.00	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	457759	9.48	ug/L	99
46)	Ethylbenzene	25.64	91	4006616	11.00	ug/L	97
47)	P & M-Xylene	25.83	91	6342367	21.88	ug/L	100
48)	o-Xylene	26.96	91	2993193	10.65	ug/L	100
49)	Styrene	27.03	104	2128562	10.92	ug/L	99
50)	Isopropylbenzene	27.82	105	3891503	10.64	ug/L	100
52)	Bromoform	27.99	173	109682	7.70	ug/L	99
53)	1,1,2,2-Tetrachloroethane	28.26	83	267737	10.00	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	212103	9.98	ug/L	100
56)	n-Propylbenzene	28.84	91	5004265	9.98	ug/L	99
57)	Bromobenzene	29.07	77	1162137	10.03	ug/L	96
58)	1,3,5-Trimethylbenzene	29.22	105	3359870	9.72	ug/L	99
59)	2-Chlorotoluene	29.37	91	2857702	10.04	ug/L	100
60)	4-Chlorotoluene	29.47	91	2737920	10.06	ug/L	100
61)	tert-Butylbenzene	30.14	119	3064186	9.72	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	3492485	9.83	ug/L	99
63)	sec-Butylbenzene	30.68	105	4700566	9.80	ug/L	100
64)	p-Isopropyltoluene	31.01	119	3798045	9.67	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	1546205	9.72	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	1510220	9.69	ug/L	99
67)	n-Butylbenzene	32.05	91	3624516	9.62	ug/L	98
68)	1,2-Dichlorobenzene	32.60	146	1194346	9.75	ug/L	99
69)	1,2,-Dibromo-3-chloropropa	34.65	157	35065	7.13	ug/L	93
70)	Nitrobenzene	34.91	77	98176	186.93	ug/L	94
71)	1,2,4-Trichlorobenzene	37.42	180	751331	8.48	ug/L	99
72)	Hexachlorobutadiene	37.85	225	529897	8.63	ug/L	100
73)	Naphthalene	38.40	128	880079	7.57	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	548222	8.18	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr17\0417C10D.D Vial: 3
Acq On : 18 Apr 2002 1:38 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 18 2:20 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 13:11:44 2002
Response via : Initial Calibration