User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 11/14/2001 Time: 12:50:01

Sample: AD26831
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 11/08/01 00:02 Ended: 11/08/01 00:02 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.30
2	Surr - 4-BROMOFLUOROBENZE		0.40
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		0.0
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.20
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/		0.0
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

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Sample: AD26831
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 11/08/01 00:02 Ended: 11/08/01 00:02 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: 11/09/2001 Time: 14:19:44

Sample: AD26831
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 11/9/01 00:01 Ended: 11/9/01 00:01 Analyst: BH
Result source: c:\hpchem\1\data\01nov9\26831d.d\26831d.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.5		.5
2	Surr - 4-BROMOFLUOROBENZ		5.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		30 30		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		4.3 4.3		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

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Date: 11/09/2001 Time: 14:19:44

Sample: AD26831
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 11/9/01 00:01 Ended: 11/9/01 00:01 Analyst: BH
Result source: c:\hpchem\1\data\01nov9\26831d.d\26831d.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov9\26831D.D Vial: 8
Acq On : 9 Nov 2001 1:07 pm Operator:
Sample : nyc dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Nov 9 13:46 2001 Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration
DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	550450	5.00	ug/L	-0.04
22) CHLOROBENZENE-D5	21.00	117	485954	5.00	ug/L	-0.04
50) 1,4-DICHLOROBENZENE-D4	26.16	152	195200	5.00	ug/L	-0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	178347	5.49	ug/L	-0.04
Spiked Amount 5.000			Recovery =	109.80%		
3) 4-BROMOFLUOROBENZENE	23.57	174	142892	4.99	ug/L	-0.04
Spiked Amount 5.000			Recovery =	99.80%		
23) TOLUENE-D8	17.73	98	747094	5.09	ug/L	-0.02
Spiked Amount 5.000			Recovery =	101.80%		
Target Compounds						Qvalue
10) ACETONE	7.66	43	20750	6.96	ug/L	94
13) METHYL TERT BUTYL ETHER	9.28	73	333704	~~6.36~~	~~ug/L~~	97
19) CHLOROFORM	12.12	83	1113697	29.96	ug/L	99
31) BROMODICHLOROMETHANE	16.04	83	111805	4.27	ug/L	96
40) DIBROMOCHLOROMETHANE	19.75	129	2904	0.24	ug/L	90
44) 2-HEXANONE	18.54	43	2937	0.41	ug/L	27

Not in original sample. ∴ not reported.

Discussed w/ S.V. BH

(#) = qualifier out of range (m) = manual integration
26831D.D HP110101.M Fri Nov 09 13:46:40 2001 Page 1

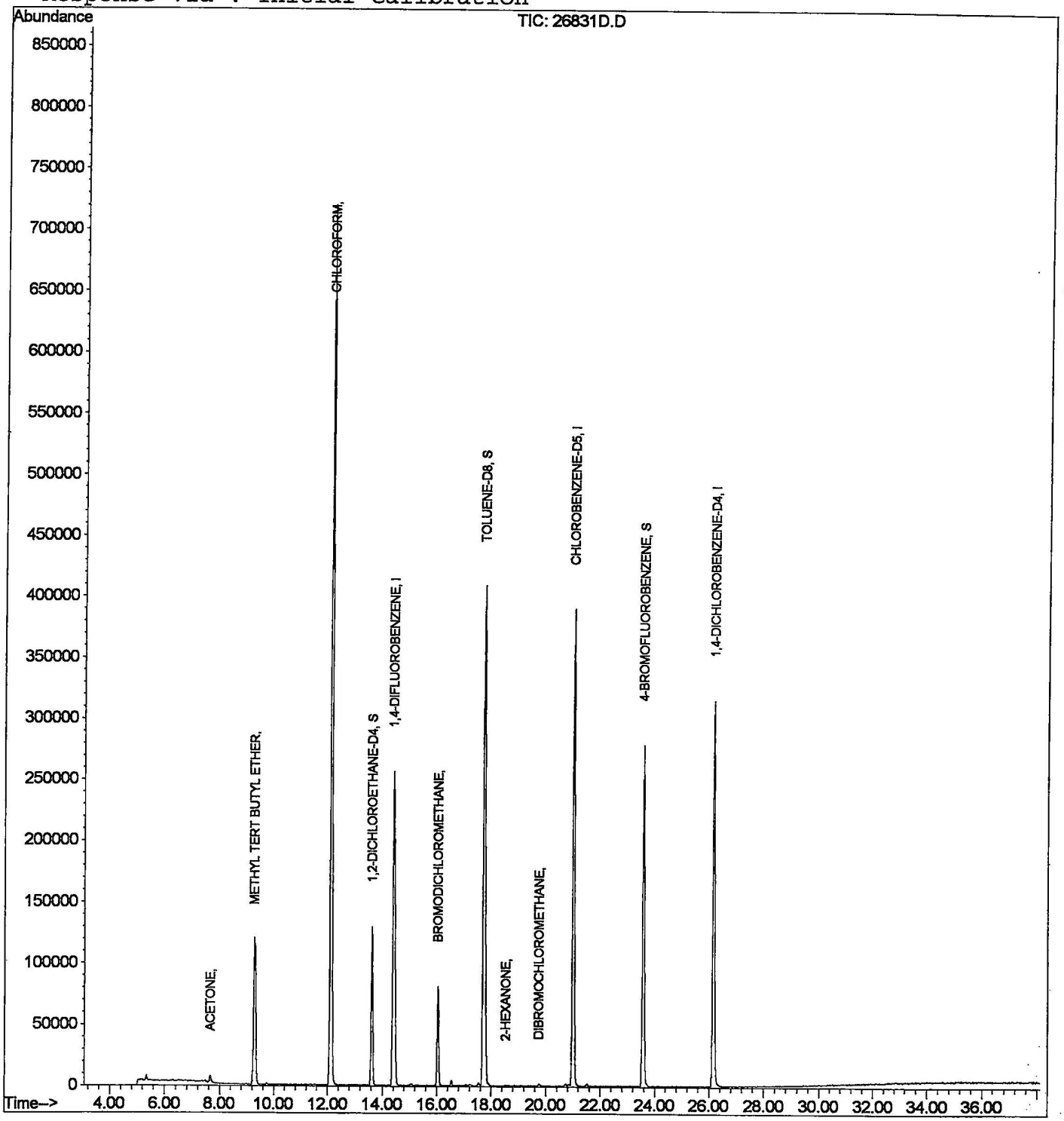
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01nov9\26831D.D
Acq On : 9 Nov 2001 1:07 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 9 13:46 2001

Vial: 8
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26831D.D
Acq On : 9 Nov 2001 1:07 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

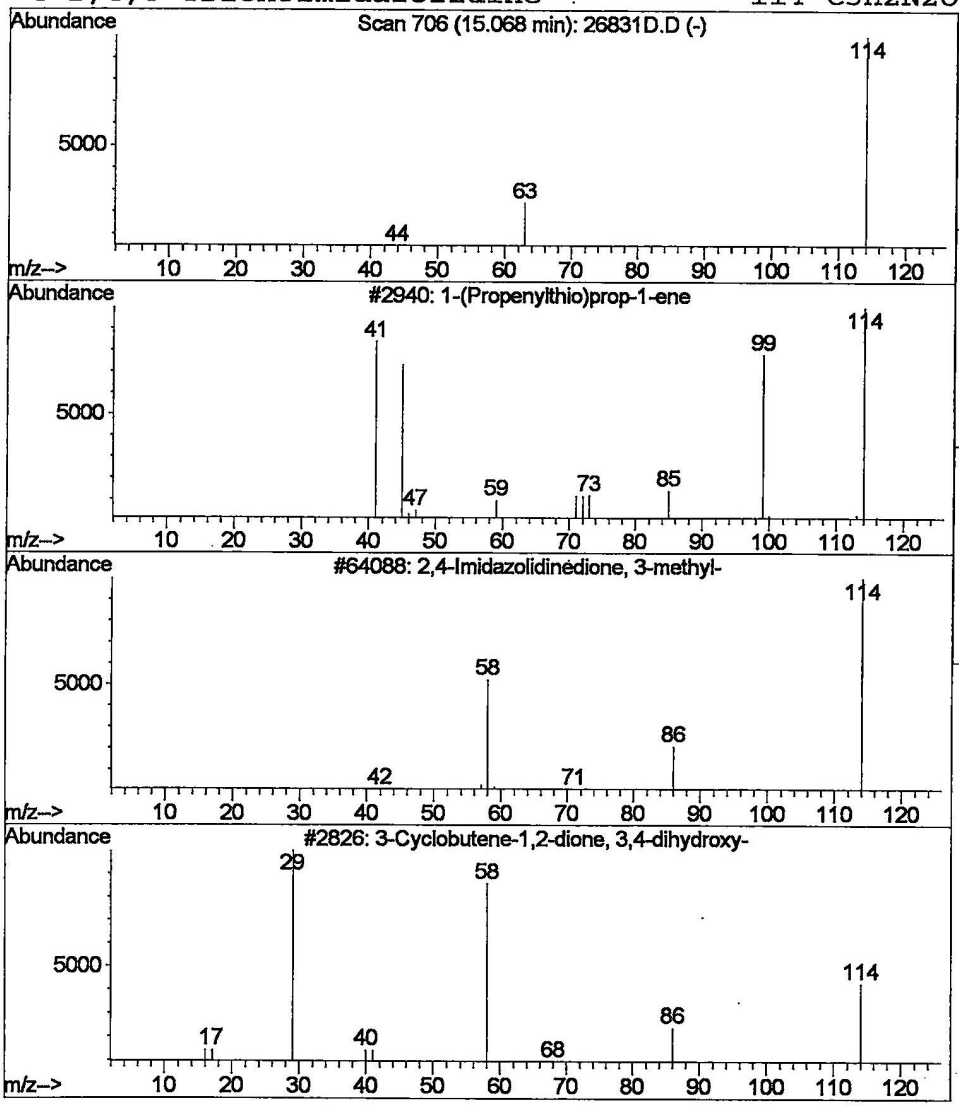
Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

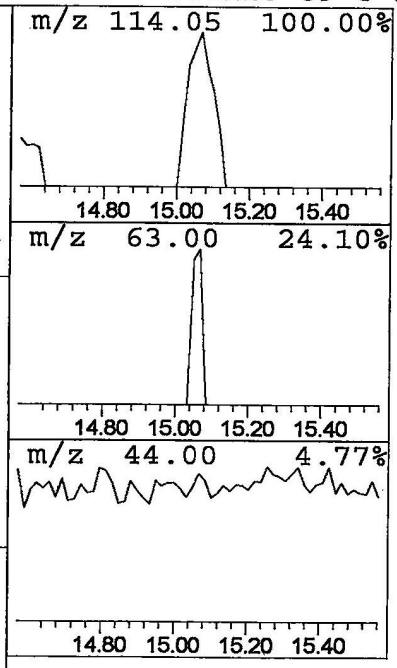
****

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	6690	1,4-DIFLUOROBENZENE	14.40

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





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov9\26831D.D
Acq On : 9 Nov 2001 1:07 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	0.05 ug/L	13933	1,4-DIFLUOROBENZENE	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2	Thietane	74	C3H6S	000287-27-4	4
3	o-Methylisourea hydrogen sulfate	74	C2H6N2O	029427-58-5	3
4	Propanoic acid	74	C3H6O2	000079-09-4	2