User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 10:16:44

Sample: AE01232
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 10:16 Ended: 2/25/02 10:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

Comments for Sample AE01232 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 10:17:09

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1802\1232.D Vial: 39
Acq On : 18 Feb 2002 3:07 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 15:37 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	258697	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	973391	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.28	164	500795	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	685142	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	432015	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	285770	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	35576	5.17	ug/mL	0.31
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	16.02	128	434	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.76	149	205	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report

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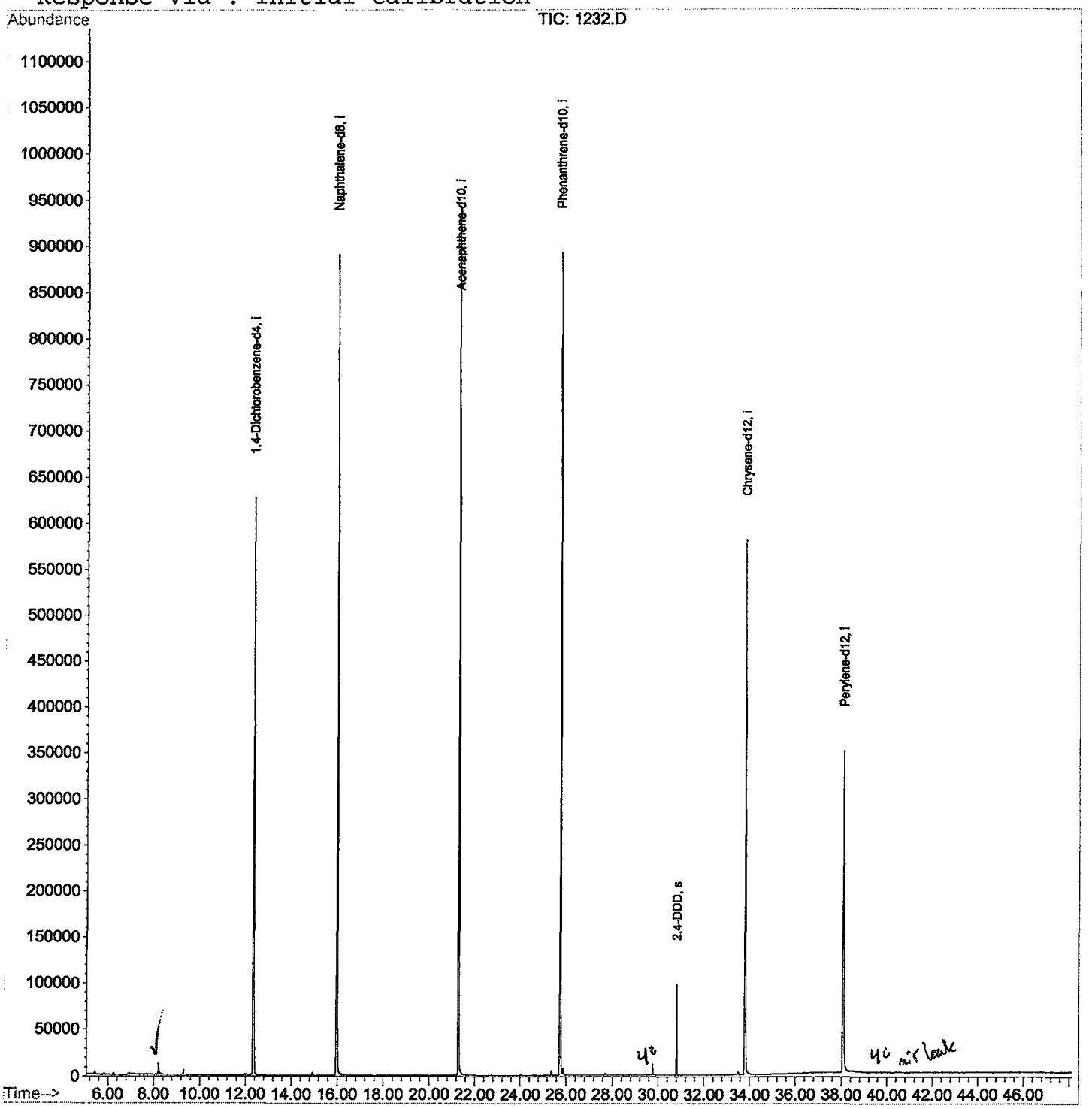
Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1232.D Vial: 39
Acq On : 18 Feb 2002 3:07 pm Operator: 209 GALOS
Sample : gc/ms scan 1/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

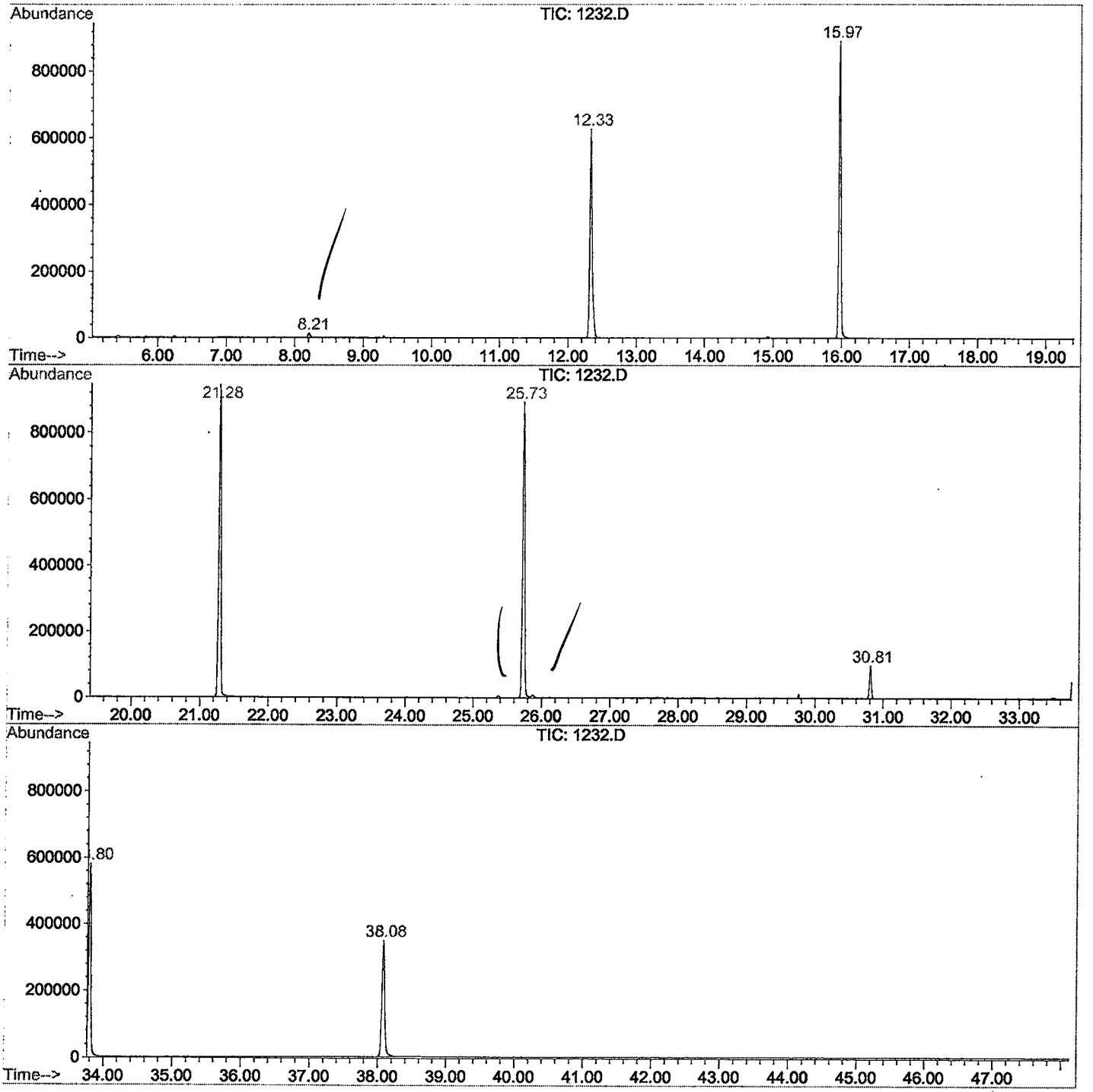
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.207	341	345	350	rBV	12298	25795	1.28%	0.266%
2	12.329	789	794	808	rVB	625389	1422911	70.71%	14.676%
3	15.974	1185	1191	1204	rBV	889551	1859636	92.41%	19.180%
4	21.280	1763	1769	1785	rBV	945271	2012387	100.00%	20.756%
5	25.733	2247	2254	2265	rBV2	891103	1846068	91.74%	19.040%
6	30.809	2802	2807	2812	rBV	96953	183948	9.14%	1.897%
7	33.802	3126	3133	3147	rBV2	579572	1329009	66.04%	13.707%
8	38.080	3591	3599	3617	rBV	346943	1015735	50.47%	10.476%

Sum of corrected areas: 9695489

1232.D GCMS0208.M Thu Feb 21 09:33:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1802\1232.D
Operator : 209 GALOS
Acquired : 18 Feb 2002 3:07 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/17
Misc Info :
Vial Number: 39
Quant File :GCMS0208.RES (RTE Integrator)



1232.D GCMS0208.M Thu Feb 21 09:33:58 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1802\1232.D
Acq On : 18 Feb 2002 3:07 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: LSCINT.P

Vial: 39
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

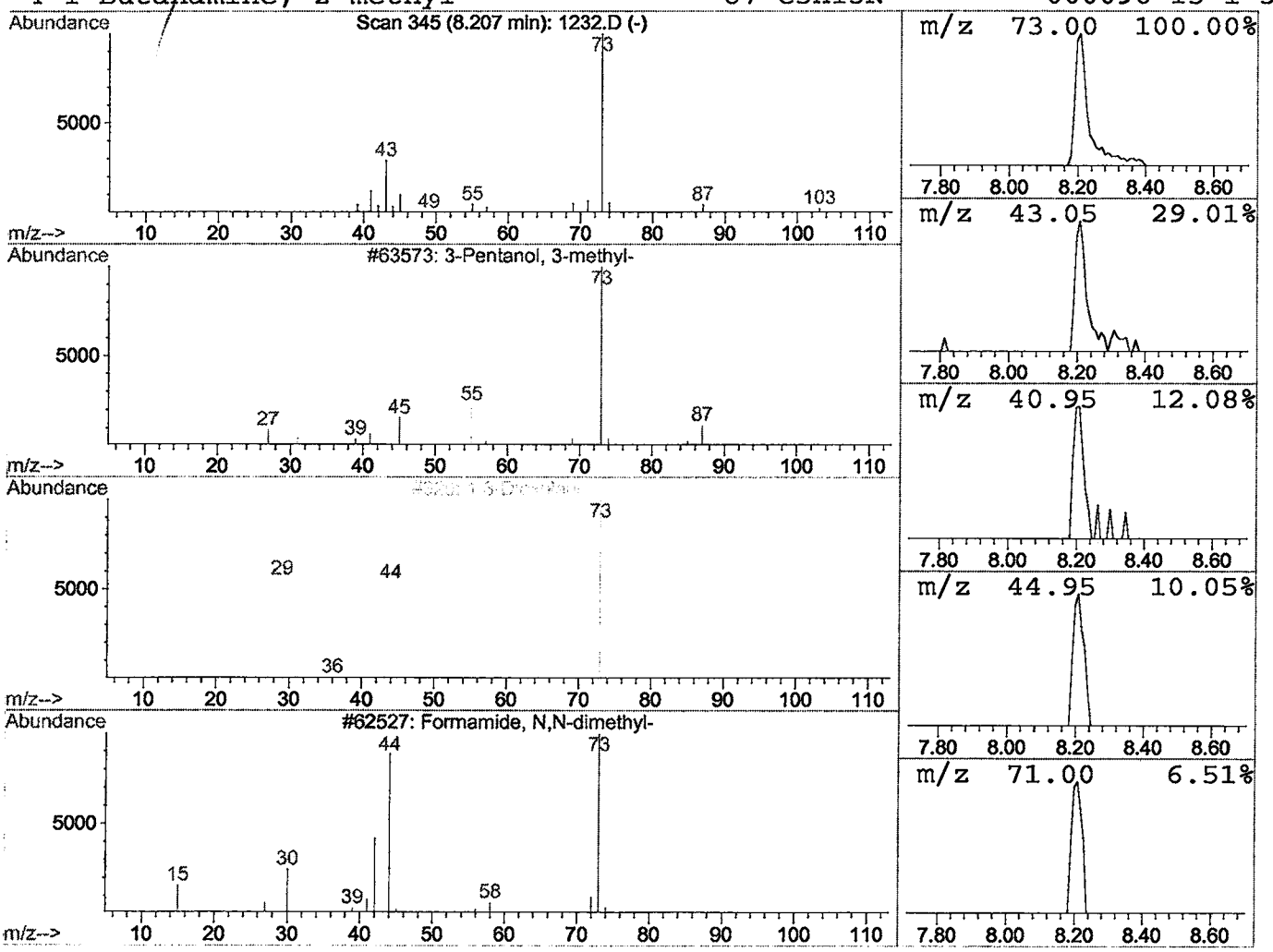
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.36 ug/l	25795	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
3	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
4	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Feb 2002 3:07 pm
Data File: C:\HPCHEM\1\DATA\FEB1802\1232.D
Name: gc/ms scan 1/17
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Pentanol, 3-methyl	8.21	0.4	ug/l	25795	ISTD01	12.33	1422910	20.0

1232.D GCMS0208.M Thu Feb 21 09:34:07 2002