

Comments for Sample AD28273 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-06-2001 Time: 14:19:48

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recovery for the Surrogate Standard in this sample was 83%. Recoveries for 41 of the 44 compounds in the LSC Standard were outside of EPA 625 acceptance ranges. Soon however, GCMS method acceptance ranges will be established and used instead.

NOT DEP

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/06/2001 Time: 12:01:15

Sample: AD28273
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/30/01 10:33 Ended: 11/30/01 10:33 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28273.D

Acq On : 5 Dec 2001 4:33 pm

Sample : re extract

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 5 17:21 2001

Vial: 5

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	826073	20.00	ug/l	0.01
15) Naphthalene-d8	15.32	136	3142805	20.00	ug/l	0.01
26) Acenaphthene-d10	20.59	164	1495841	20.00	ug/l	0.01
42) Phenanthrene-d10	25.00	188	2060814	20.00	ug/l	0.01
53) Chrysene-d12	33.04	240	1197705	20.00	ug/l	0.00
59) Perylene-d12	37.13	264	741029	20.00	ug/l	0.01

System Monitoring Compounds

52) 2,4-DDD	30.08	235	101454	4.14	ug/mL	0.01
Spiked Amount	5.000		Recovery	=	82.80%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.15	74	502	N.D.	
4) Phenol	0.00	94	0	N.D.	
5) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
6) 2-Chlorophenol	0.00	128	0	N.D.	
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
10) 2-Methylphenol	0.00	108	0	N.D.	
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
12) 3&4-Methylphenol	0.00	108	0	N.D.	
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
14) Hexachloroethane	0.00	117	0	N.D.	
16) Nitrobenzene	0.00	77	0	N.D.	
17) Isophorone	0.00	82	0	N.D.	
18) 2-Nitrophenol	0.00	139	0	N.D.	
19) 2,4-Dimethylphenol	0.00	107	0	N.D.	
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
21) 2,4-Dichlorophenol	0.00	162	0	N.D.	
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
23) Naphthalene	15.37	128	1002	N.D.	
24) Hexachlorobutadiene	0.00	225	0	N.D.	
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30) 2-Chloronaphthalene	0.00	162	0	N.D.	
31) Dimethylphthalate	0.00	163	0	N.D.	
32) 2,6-Dinitrotoluene	0.00	165	0	N.D.	

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

28273.D GCMS1126.M Thu Dec 06 08:50:29 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28273.D

Vial: 5

Acq On : 5 Dec 2001 4:33 pm

Operator: 209 GALOS

Sample : re extract

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 5 17:21 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Acenaphthylene	0.00	152	0	N.D.		
34) Acenaphthene	0.00	153	0	N.D.		
35) 2,4-Dinitrophenol	0.00	184	0	N.D.		
36) 4-Nitrophenol	0.00	65	0	N.D.		
37) 2,4-Dinitrotoluene	21.19	165	178	N.D.		
38) Diethylphthalate	0.00	149	0	N.D.		
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
40) Fluorene	0.00	166	0	N.D.		
41) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
44) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
45) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
46) Hexachlorobenzene	0.00	284	0	N.D.		
47) Pentachlorophenol	0.00	266	0	N.D.		
48) Phenanthrene	25.01	178	1013	N.D.		
49) Anthracene	25.01	178	1013	N.D.		
50) Di-n-butylphthalate	27.02	149	5702	N.D.		
51) Fluoranthene	0.00	202	0	N.D.		
54) Pyrene	0.00	202	0	N.D.		
55) Butylbenzylphthalate	0.00	149	0	N.D.		
56) Benzo(a)anthracene	33.04	228	2993	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.31	149	4748	N.D.		
58) Chrysene	33.04	228	2993	N.D.		
60) Di-n-Octylphthalate	0.00	149	0	N.D.		
61) Benzo(b)fluoranthene	0.00	252	0	N.D.		
62) Benzo(k)fluoranthene	0.00	252	0	N.D.		
63) Benzo(a)pyrene	37.13	252	2568	N.D.		
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
65) Dibenzo(a,h)anthracene	0.00	278	0	N.D.		
66) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

28273.D GCMS1126.M Thu Dec 06 08:50:32 2001

Page 2

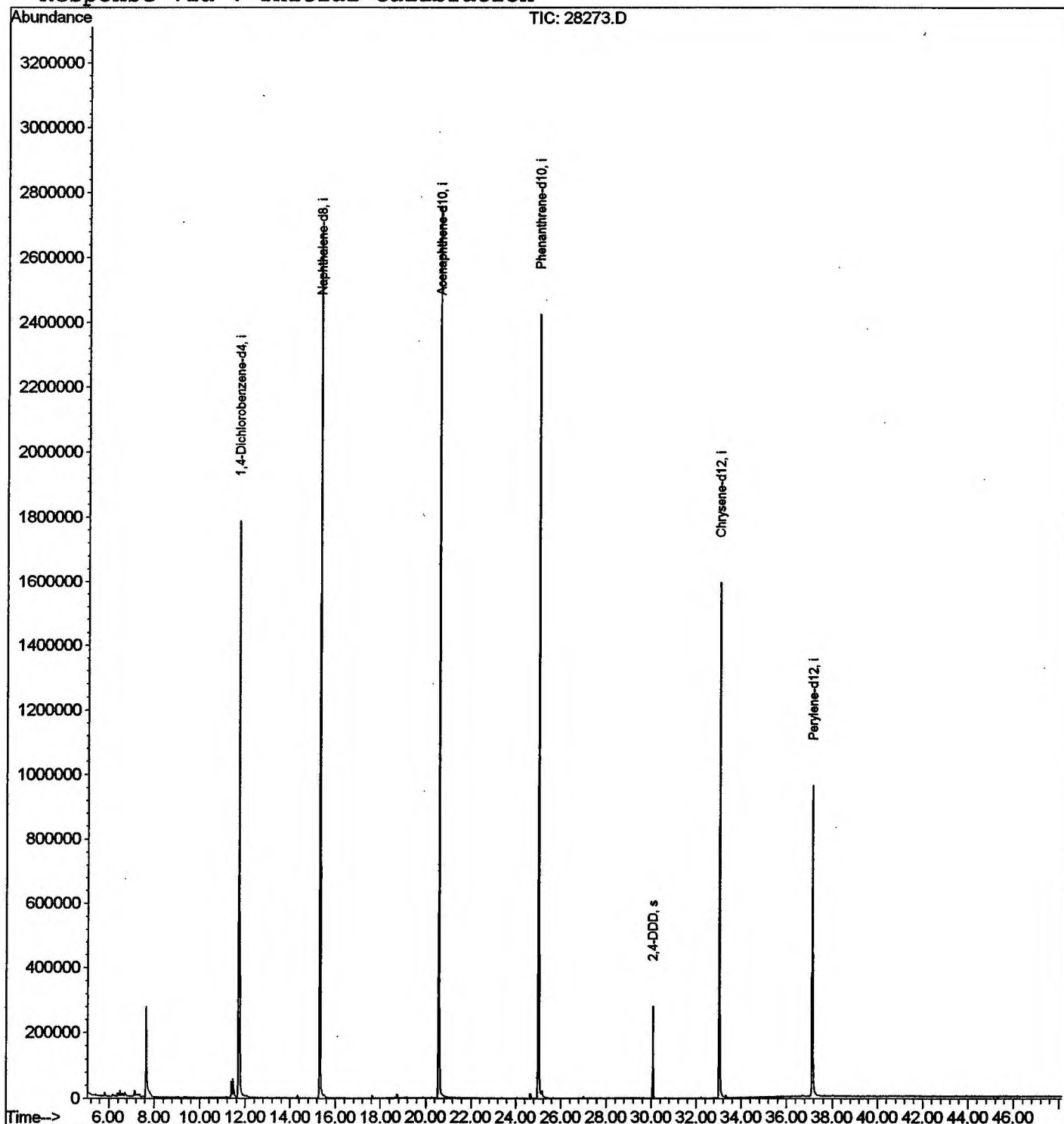
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28273.D
 Acq On : 5 Dec 2001 4:33 pm
 Sample : re extract
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 5 17:21 2001

Vial: 5
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Nov 28 15:06:24 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28273.D

Vial: 5

Acq On : 5 Dec 2001 4:33 pm

Operator: 209 GALOS

Sample : re extract

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.645	279	283	305	rBV	274905	779133	12.92%	2.598%
2	11.390	686	691	696	rBV	49034	119784	1.99%	0.399%
3	11.464	696	699	709	rVB	52564	140483	2.33%	0.469%
4	11.712	720	726	750	rBV	1783533	4612043	76.49%	15.381%
5	15.319	1113	1119	1136	rBV	2683363	5872673	97.40%	19.585%
6	20.589	1686	1693	1705	rBV	2758487	6029298	100.00%	20.107%
7	25.005	2168	2174	2187	rBV2	2424917	5473878	90.79%	18.255%
8	30.081	2721	2727	2733	rBV2	280450	546899	9.07%	1.824%
9	33.037	3041	3049	3066	rBV2	1596068	3737586	61.99%	12.465%
10	37.132	3486	3495	3508	rBV2	958051	2673903	44.35%	8.917%

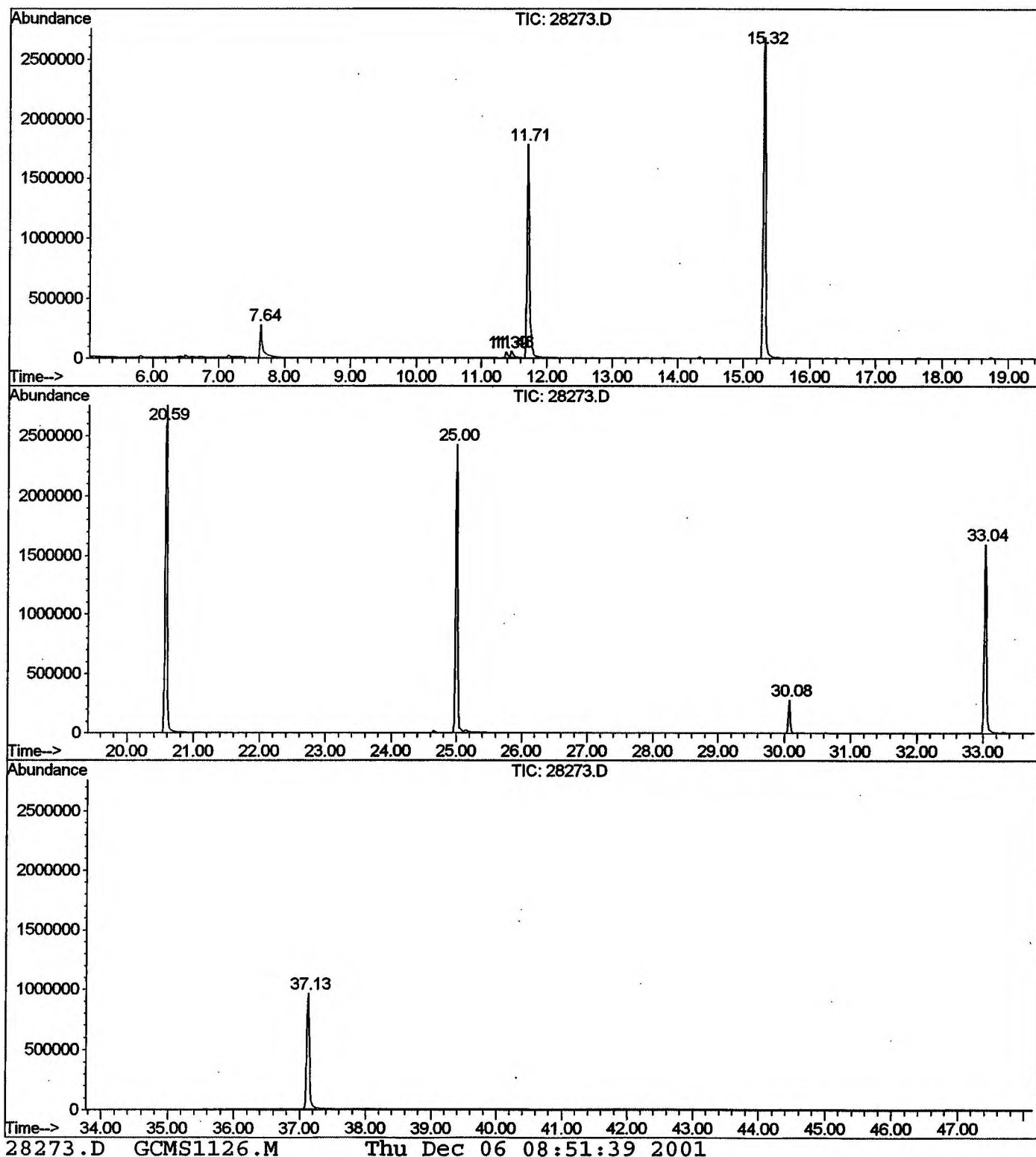
Sum of corrected areas: 29985680

28273.D GCMS1126.M

Thu Dec 06 08:51:36 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\28273.D
 Operator : 209 GALOS
 Acquired : 5 Dec 2001 4:33 pm using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: re extract
 Misc Info :
 Vial Number: 5
 Quant File :GCMS1126.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28273.D
 Acq On : 5 Dec 2001 4:33 pm
 Sample : re extract
 Misc :
 MS Integration Params: LSCINT.P

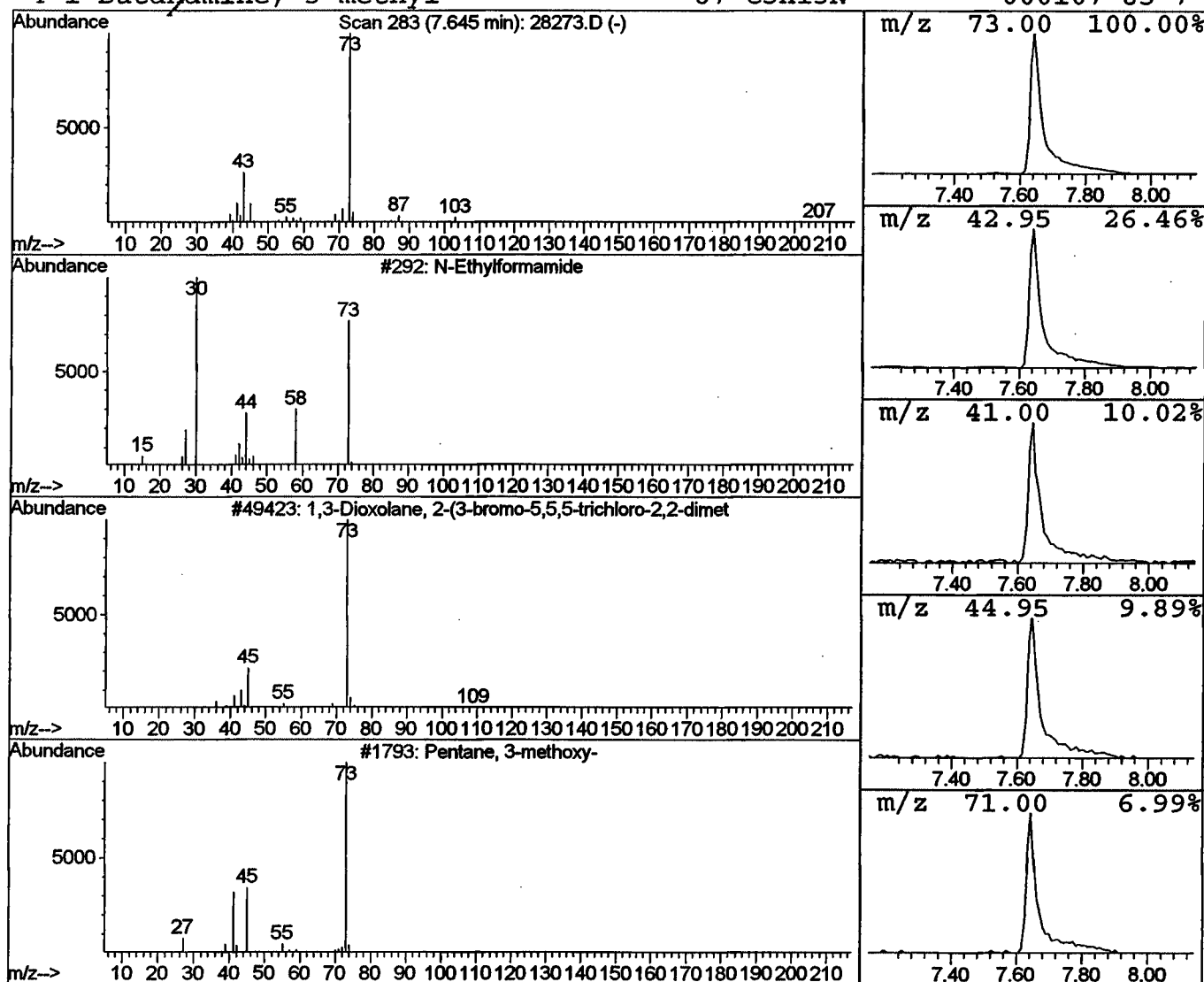
Vial: 5
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	3.38 ug/l	779133	1,4-Dichlorobenzene-d4	11.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2		1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28273.D
 Acq On : 5 Dec 2001 4:33 pm
 Sample : re extract
 Misc :
 MS Integration Params: LSCINT.P

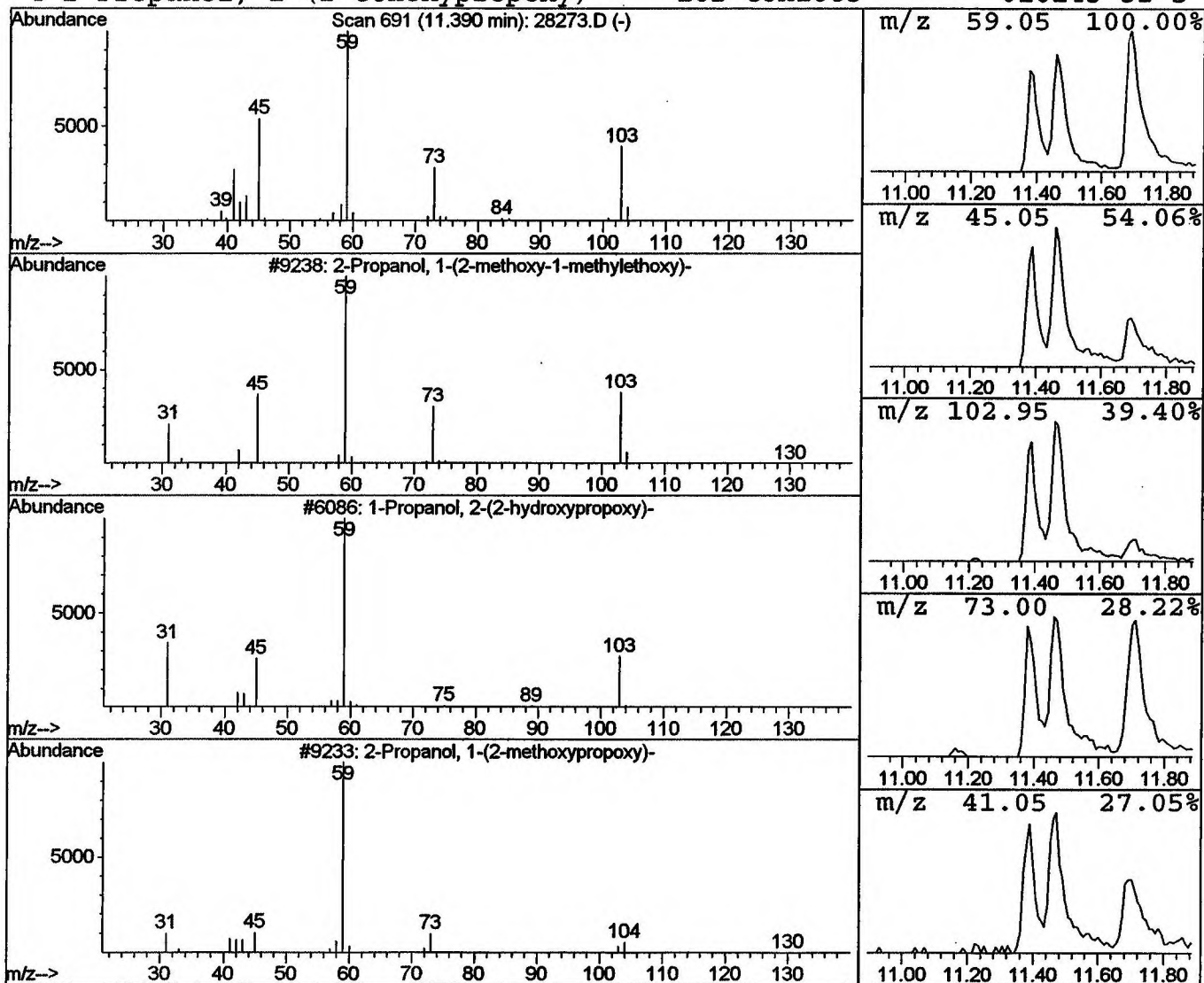
Vial: 5
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	0.52 ug/l	119784	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3			2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47
4			2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	38



Library Search Compound Report

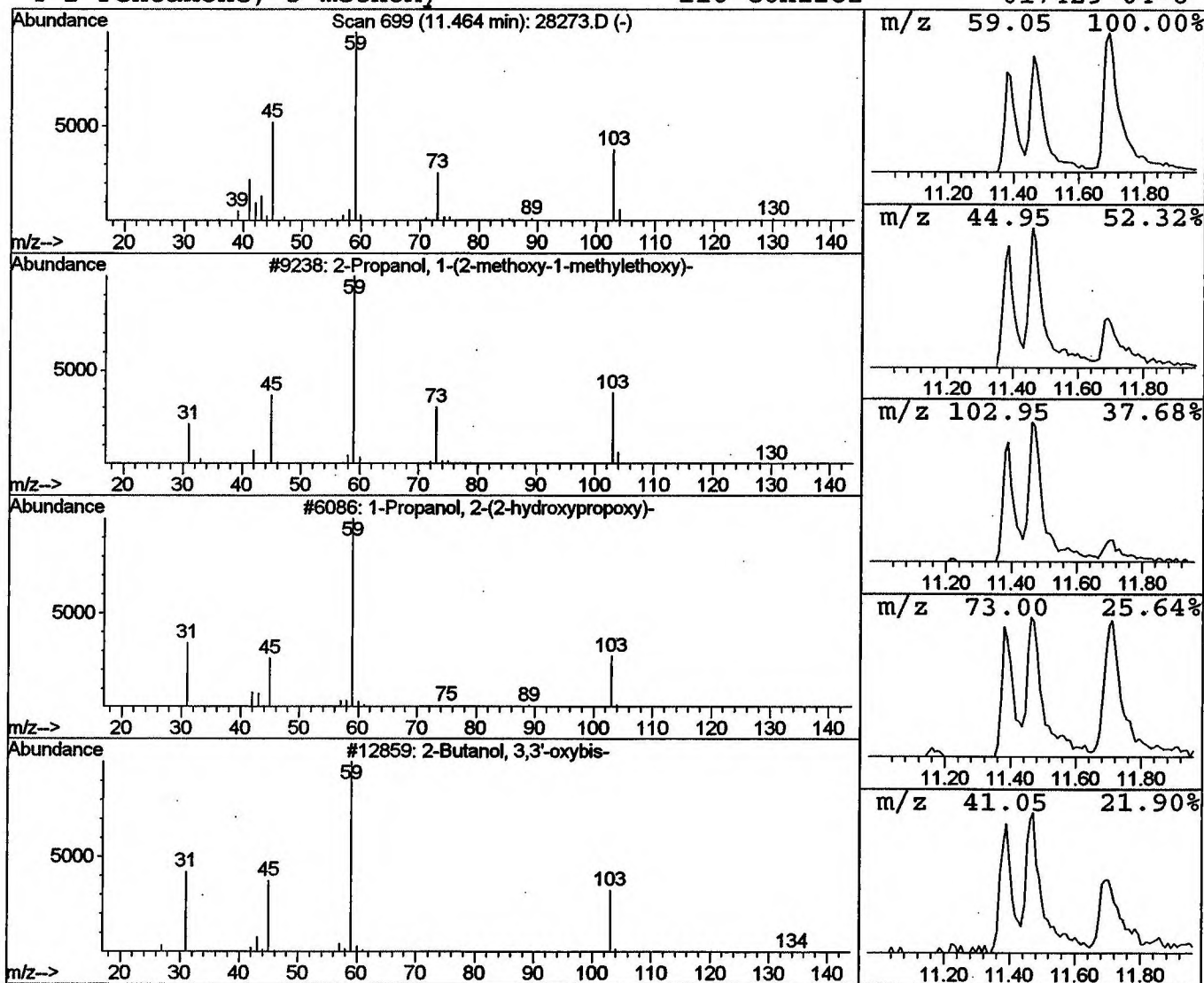
Data File : C:\HPCHEM\1\DATA\DEC0501\28273.D
Acq On : 5 Dec 2001 4:33 pm
Sample : re extract
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.46	0.61 ug/l	140483	1,4-Dichlorobenzene-d4	11.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	38
4	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	36



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Dec 2001 4:33 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\28273.D
Name: re extract
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
N-Ethylformamide	7.64	3.4 ug/l	779133	ISTD01	11.71	4612040	20.0
2-Propanol, 1-(2-met	11.39	0.5 ug/l	119784	ISTD01	11.71	4612040	20.0
2-Propanol, 1-(2-met	11.46	0.6 ug/l	140483	ISTD01	11.71	4612040	20.0

28273.D GCMS1126.M Thu Dec 06 08:51:47 2001

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28273.D
 Acq On : 27 Nov 2001 2:20 pm
 Sample : 11/21 scan
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 29 14:51 2001

Vial: 27
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Nov 28 15:06:24 2001
 Response via : Initial Calibration
 DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	881169	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	3311709	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1552472	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	2050371	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	943480	20.00	ug/l	-0.01
59) Perylene-d12	37.12	264	621889	20.00	ug/l	0.00

System Monitoring Compounds

52) 2,4-DDD	30.08	235	849	0.03 ug/mL	0.00
Spiked Amount	5.000		Recovery	=	0.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
4) Phenol	10.61	94	100	N.D.		
5) bis(2-Chloroethyl) ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	0.00	77	0	N.D.		
17) Isophorone	0.00	82	0	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.36	128	503	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
30) 2-Chloronaphthalene	0.00	162	0	N.D.		
31) Dimethylphthalate	0.00	163	0	N.D.		
32) 2,6-Dinitrotoluene	0.00	165	0	N.D. d		

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

28273.D GCMS1126.M Thu Nov 29 14:51:53 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28273.D

Vial: 27

Acq On : 27 Nov 2001 2:20 pm

Operator: 209 GALOS

Sample : 11/21 scan

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 29 14:51 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration

DataAcq Meth : NP103001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Acenaphthylene	0.00	152	0	N.D.		
34) Acenaphthene	0.00	153	0	N.D.		
35) 2,4-Dinitrophenol	0.00	184	0	N.D.		
36) 4-Nitrophenol	0.00	65	0	N.D.		
37) 2,4-Dinitrotoluene	20.98	165	283	N.D.		
38) Diethylphthalate	0.00	149	0	N.D.		
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
40) Fluorene	0.00	166	0	N.D.		
41) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
44) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
45) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
46) Hexachlorobenzene	0.00	284	0	N.D.		
47) Pentachlorophenol	0.00	266	0	N.D.		
48) Phenanthrene	25.00	178	534	N.D.		
49) Anthracene	25.00	178	534	N.D.		
50) Di-n-butylphthalate	27.00	149	587	N.D.		
51) Fluoranthene	0.00	202	0	N.D.		
54) Pyrene	0.00	202	0	N.D.		
55) Butylbenzylphthalate	0.00	149	0	N.D.		
56) Benzo(a)anthracene	33.02	228	2358	N.D.		
57) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.		
58) Chrysene	33.02	228	2358	N.D.		
60) Di-n-Octylphthalate	0.00	149	0	N.D.		
61) Benzo(b)fluoranthene	0.00	252	0	N.D.		
62) Benzo(k)fluoranthene	0.00	252	0	N.D.		
63) Benzo(a)pyrene	37.12	252	2409	N.D.		
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
65) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
66) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

28273.D GCMS1126.M Thu Nov 29 14:51:57 2001

Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28273.D
Acq On : 27 Nov 2001 2:20 pm
Sample : 11/21 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 29 14:51 2001

Vial: 27
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration

