User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:41:25

Sample: AD29564
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:41 Ended: 1/28/02 11:41 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Sum: 2,4 DDT	[illegible]	1.9		[illegible]

Comments for Sample AD29564 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:24:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was analyzed twice. The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\29564.D Vial: 62
Acq On : 3 Jan 2002 2:02 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
re-analysis
MS Integration Params: GOOFY.P
Quant Time: Jan 3 2:51 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	1421036	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	5494218	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	2754608	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	3948719	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	2600890	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	1539189	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	150167	3.46	ug/mL	0.00
Spiked Amount 5.000			Recovery =	69.20%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.29	74	812	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.13	146	568	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	13.39	77	208	N.D.		
12) Isophorone	14.31	82	1760	N.D.		
13) bis(2-Chloroethoxy)methane	14.33	93	690	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.34	128	2096	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.47	162	458	N.D.		
20) Dimethylphthalate	20.28	163	7381	N.D.		
21) 2,6-Dinitrotoluene	20.28	165	3872	N.D.		
22) Acenaphthylene	20.28	152	1058	N.D.		
23) Acenaphthene	20.29	153	232	N.D.		
24) 2,4-Dinitrotoluene	21.35	165	592	N.D.		
25) Diethylphthalate	22.11	149	1803	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 (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\29564.D Vial: 62
Acq On : 3 Jan 2002 2:02 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 2:51 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	24.95	178	3263	N.D.	
34) Anthracene	24.95	178	3263	N.D.	
35) Di-n-butylphthalate	27.02	149	36458	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.50	149	1502	N.D.	
41) Benzo(a)anthracene	33.02	228	7208	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	16198	N.D.	
43) Chrysene	33.02	228	7208	N.D.	
45) Di-n-Octylphthalate	35.05	149	1645	N.D.	
46) Benzo(b)fluoranthene	36.09	252	305	N.D.	
47) Benzo(k)fluoranthene	36.20	252	894	N.D.	
48) Benzo(a)pyrene	36.97	252	289	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

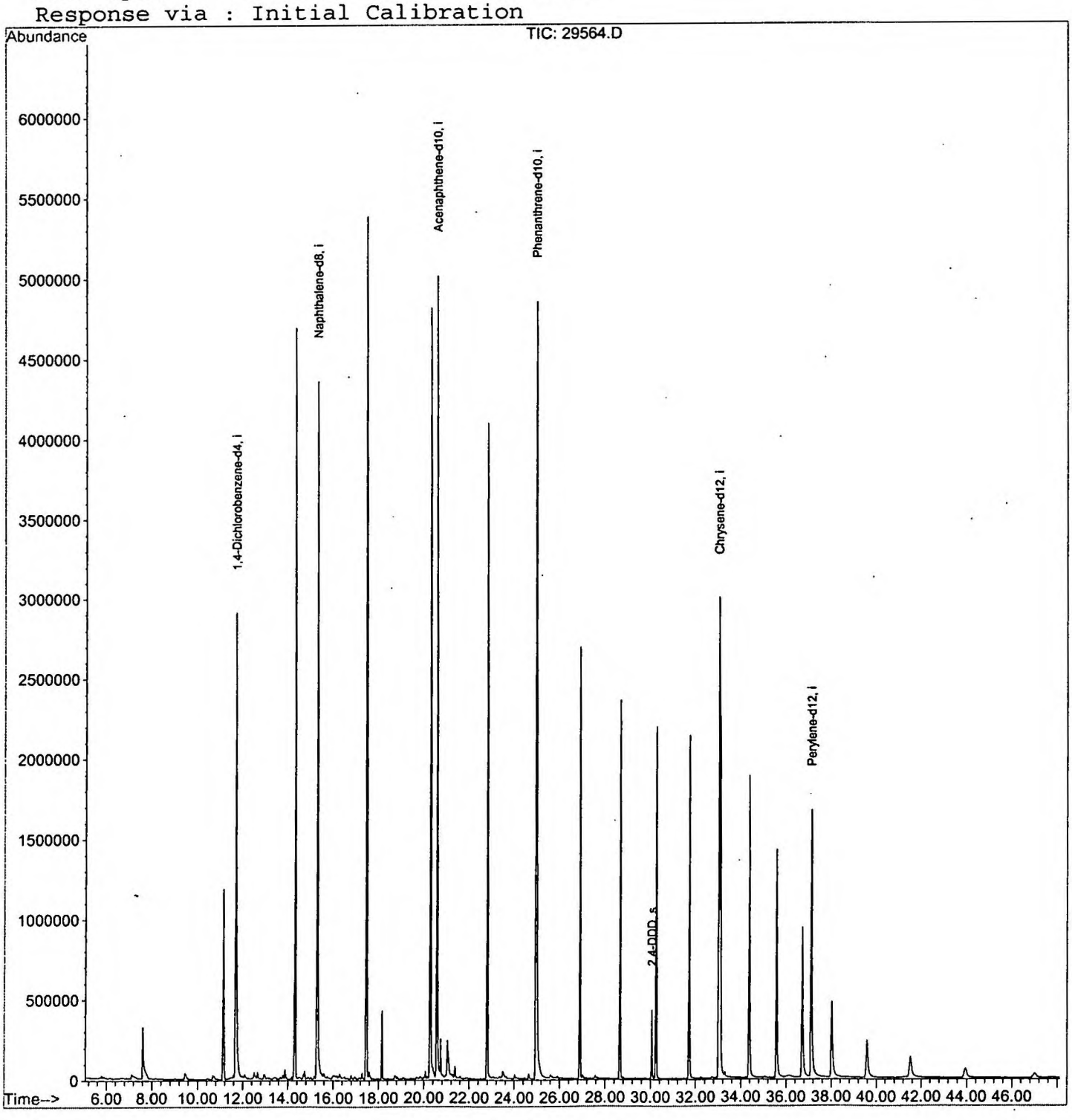
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29564.D
Acq On : 3 Jan 2002 2:02 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 3 2:51 2002

Vial: 62
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 : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29564.D
Acq On : 14 Dec 2001 8:20 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:08 2001

Original analysis

Vial: 25
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 : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	1150310	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	4400842	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2239676	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3154521	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	2022301	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1396086	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	136091	2.98	ug/mL	-0.02
Spiked Amount 5.000			Recovery =	59.60%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.14	74	561	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	13.03	77	174	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	15.33	128	1483	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	20.57	153	185	N.D.		
24) 2,4-Dinitrotoluene	21.17	165	500	N.D.		
25) Diethylphthalate	22.10	149	1108	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 (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29564.D Vial: 25
Acq On : 14 Dec 2001 8:20 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:08 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

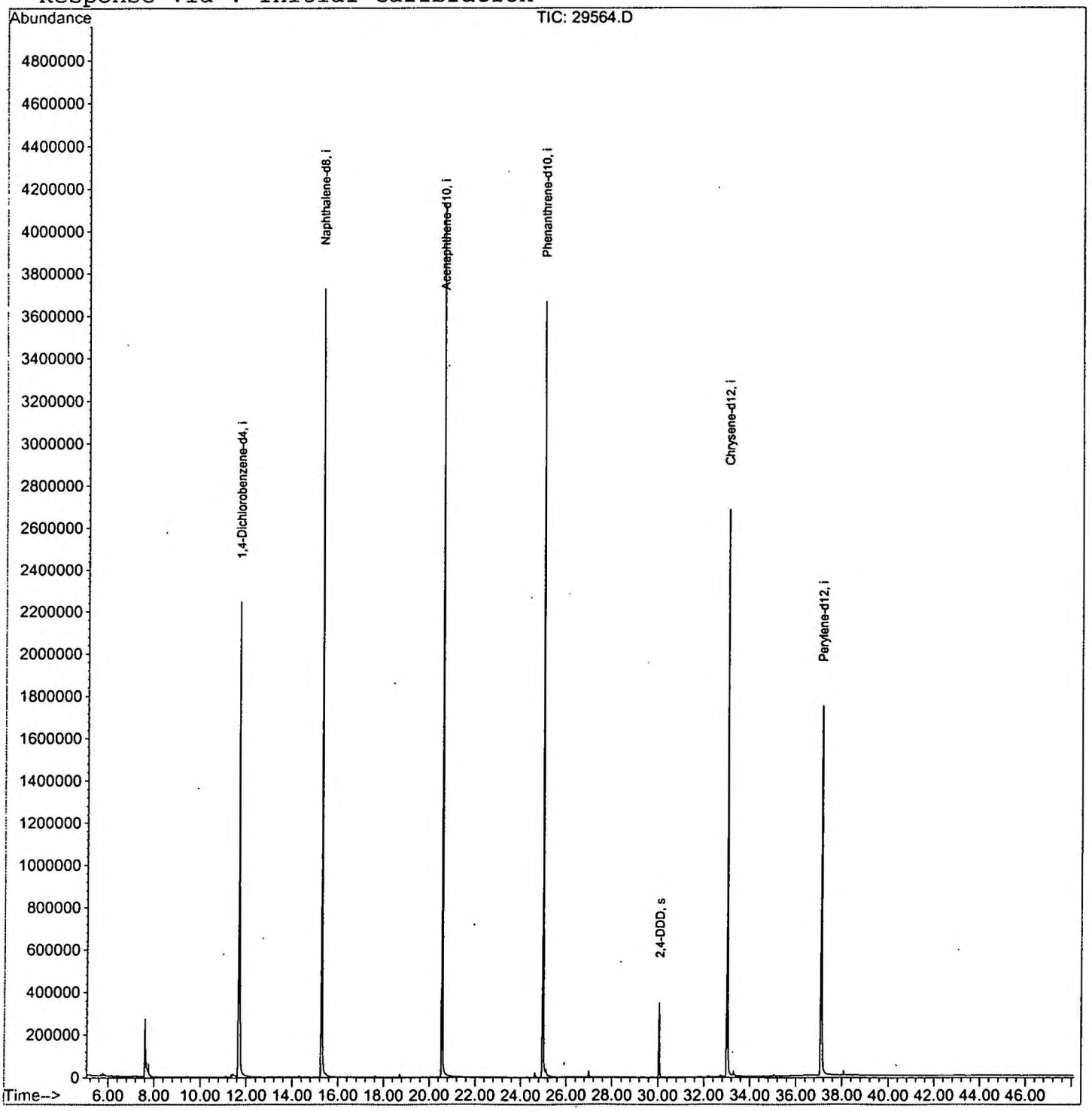
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	1727	N.D.	
34)	Anthracene	24.98	178	1727	N.D.	
35)	Di-n-butylphthalate	26.99	149	36245	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	1750	N.D.	
41)	Benzo(a)anthracene	33.01	228	5368	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	17791	N.D.	
43)	Chrysene	33.01	228	5368	N.D.	
45)	Di-n-Octylphthalate	35.03	149	1037	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.11	252	5179	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29564.D Vial: 25
Acq On : 14 Dec 2001 8:20 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:08 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29564.D Vial: 25
Acq On : 14 Dec 2001 8:20 am Operator: 209 GALOS
Sample : gcms scan 12/7 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

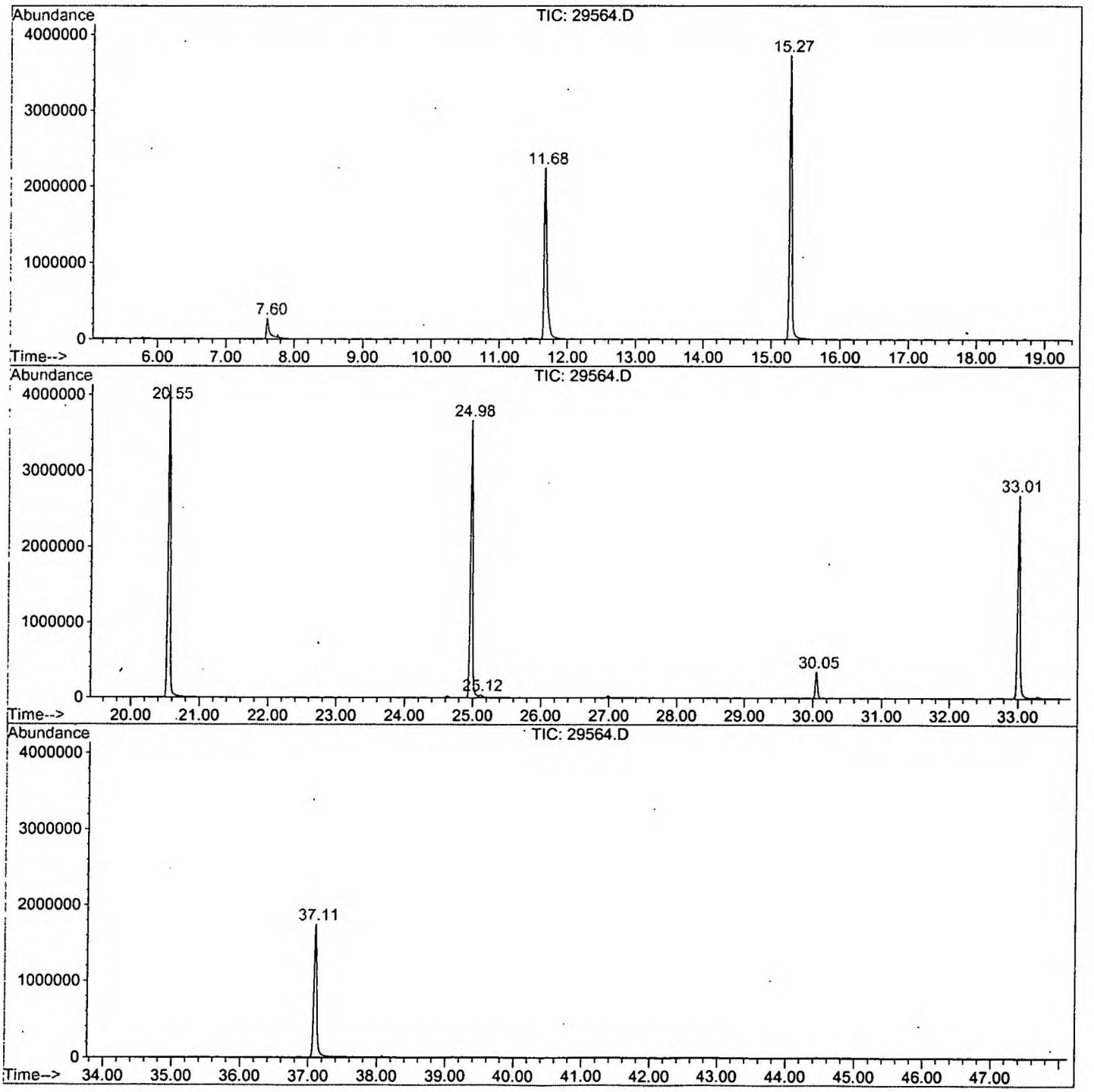
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	274	278	294	rBV	269986	835458	9.15%	1.837%
2	11.676	716	722	754	rBV	2242445	6491789	71.08%	14.278%
3	15.275	1109	1114	1133	rBV	3724428	8320283	91.09%	18.299%
4	20.553	1683	1689	1711	rBV	4131084	9133676	100.00%	20.088%
5	24.978	2164	2171	2183	rBV2	3666507	8396027	91.92%	18.466%
6	25.116	2183	2186	2194	rVB	31425	95124	1.04%	0.209%
7	30.055	2718	2724	2731	rBV	349998	746450	8.17%	1.642%
8	33.011	3037	3046	3063	rBV2	2682246	6361263	69.65%	13.991%
9	37.105	3483	3492	3514	rBV2	1743105	5087423	55.70%	11.189%

Sum of corrected areas: 45467493

29564.D GCMS1126.M Tue Jan 08 10:56:13 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC1301\29564.D
Operator : 209 GALOS
Acquired : 14 Dec 2001 8:20 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/7
Misc Info :
Vial Number: 25
Quant File :GCMS1126.RES (RTE Integrator)



29564.D GCMS1126.M Tue Jan 08 10:56:19 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29564.D Vial: 25
Acq On : 14 Dec 2001 8:20 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

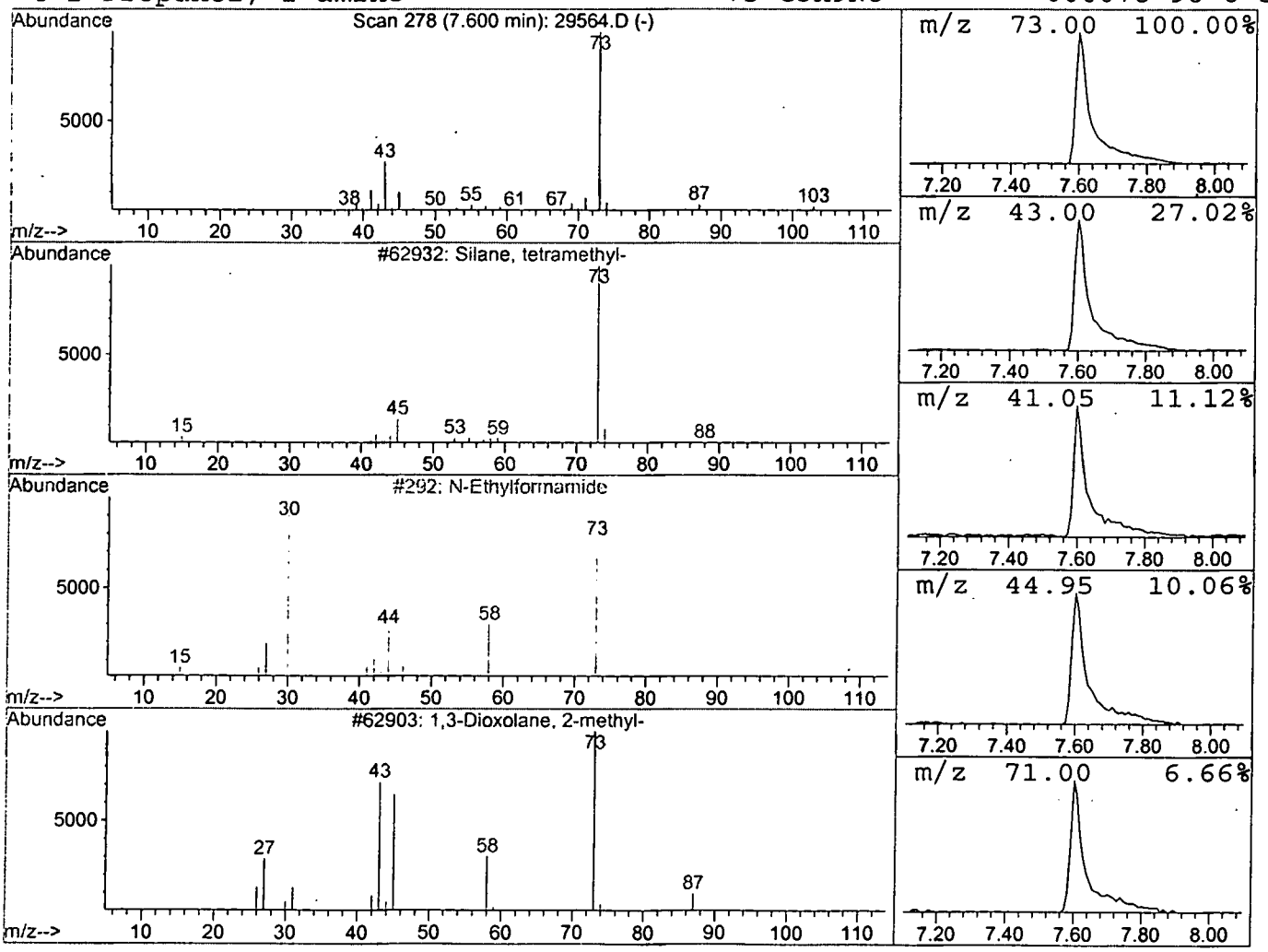
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.57 ug/l	835458	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7
4	2-Propanol, 1-amino-	75	C3H9NO	000078-96-6	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 14 Dec 2001 8:20 am
Data File: M:\INSTRU~1\209\DATA\DEC1301\29564.D
Name: gcms scan 12/7
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
Silane, tetramethyl-	7.60	2.6	ug/l	835458	ISTD01	11.68	6491790	20.0

29564.D GCMS1126.M Tue Jan 08 10:56:28 2002