Comments for Sample AD28754 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-12-2001 Time: 09:27:17

CWL 11/23

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 2.7 ug/L.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 09:24:07

Sample: AD28754
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/12/01 09:23 Ended: 12/12/01 09:23 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28754.D Vial: 22
Acq On : 6 Dec 2001 3:03 pm Operator: 209 GALOS
Sample : 11/26 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 12:22 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	1245341	20.00	ug/l	-0.03
15) Naphthalene-d8	15.28	136	4728028	20.00	ug/l	-0.03
26) Acenaphthene-d10	20.56	164	2316639	20.00	ug/l	-0.02
42) Phenanthrene-d10	24.98	188	3451674	20.00	ug/l	-0.01
53) Chrysene-d12	33.01	240	2358869	20.00	ug/l	-0.02
59) Perylene-d12	37.11	264	1726203	20.00	ug/l	-0.01
System Monitoring Compounds						
52) 2,4-DDD	30.06	235	199574	4.86	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 97.20%			
Target Compounds						Qvalue
2) Pyridine	5.22	79	351	N.D.		
3) N-nitroso-dimethyl amine	5.22	74	248	N.D.		
4) Phenol	11.04	94	184	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	15.33	128	1523	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.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28754.D Vial: 22
Acq On : 6 Dec 2001 3:03 pm Operator: 209 GALOS
Sample : 11/26 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 12:22 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

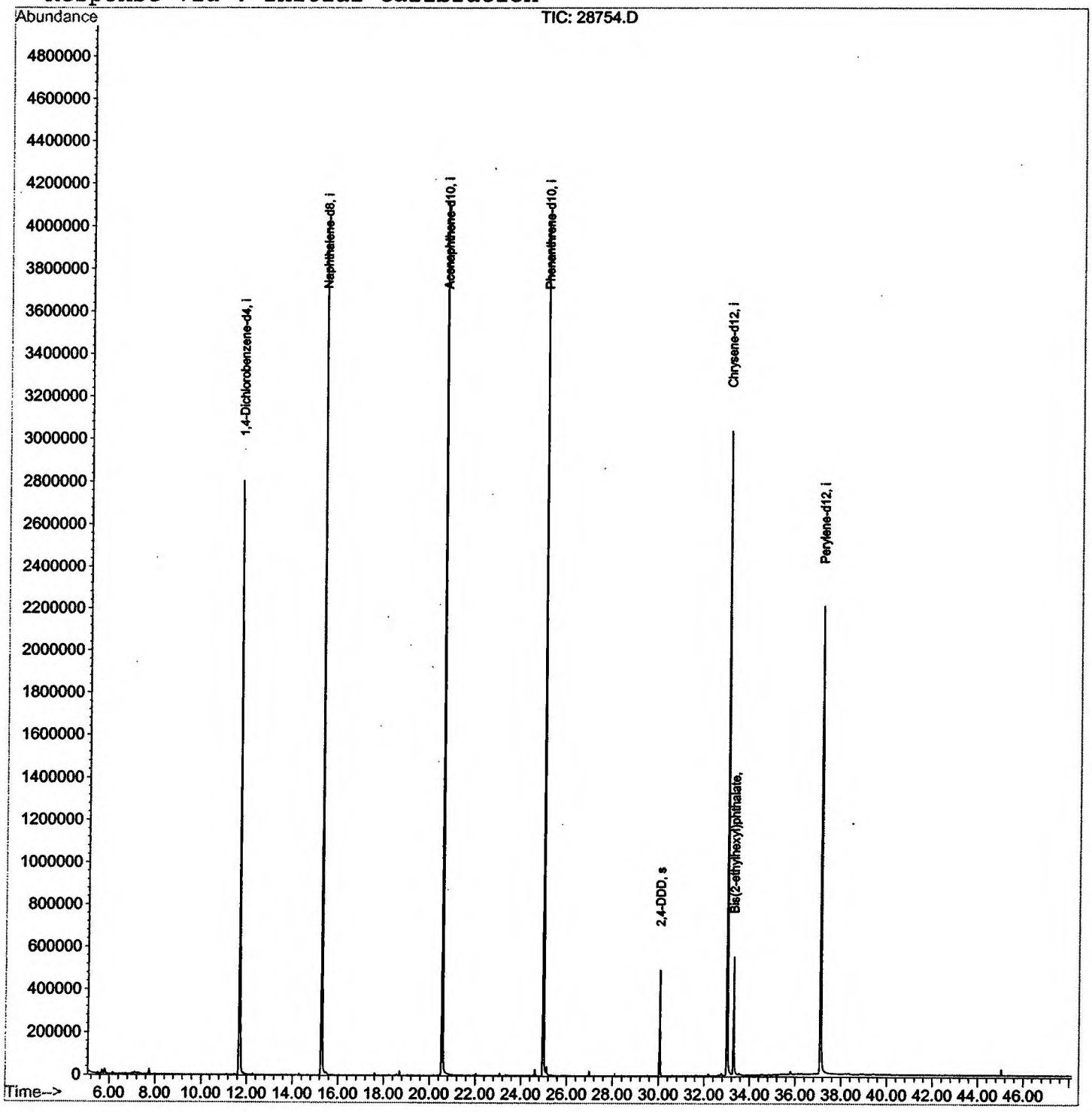
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30) 2-Chloronaphthalene	0.00	162	0	N.D.	
31) Dimethylphthalate	0.00	163	0	N.D.	
32) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
33) Acenaphthylene	0.00	152	0	N.D.	
34) Acenaphthene	20.57	153	107	N.D.	
35) 2,4-Dinitrophenol	0.00	184	0	N.D.	
36) 4-Nitrophenol	0.00	65	0	N.D.	
37) 2,4-Dinitrotoluene	21.33	165	193	N.D.	
38) Diethylphthalate	22.07	149	1624	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	23.08	77	762	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	24.98	178	1655	N.D.	
49) Anthracene	24.98	178	1655	N.D.	
50) Di-n-butylphthalate	26.98	149	26254	N.D.	
51) Fluoranthene	0.00	202	0	N.D.	
54) Pyrene	0.00	202	0	N.D.	
55) Butylbenzylphthalate	31.48	149	647	N.D.	
56) Benzo(a)anthracene	33.01	228	7149	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.29	149	385048	2.68 ug/l	99
58) Chrysene	33.01	228	7149	N.D.	
60) Di-n-Octylphthalate	35.03	149	4126	N.D.	
61) Benzo(b)fluoranthene	36.05	252	1242	N.D.	
62) Benzo(k)fluoranthene	36.11	252	2041	N.D.	
63) Benzo(a)pyrene	36.93	252	1003	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28754.D Vial: 22
Acq On : 6 Dec 2001 3:03 pm Operator: 209 GALOS
Sample : 11/26 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 12:22 2001 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\DEC0601\28754.D Vial: 22
Acq On : 6 Dec 2001 3:03 pm Operator: 209 GALOS
Sample : 11/26 gc/ms scan 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

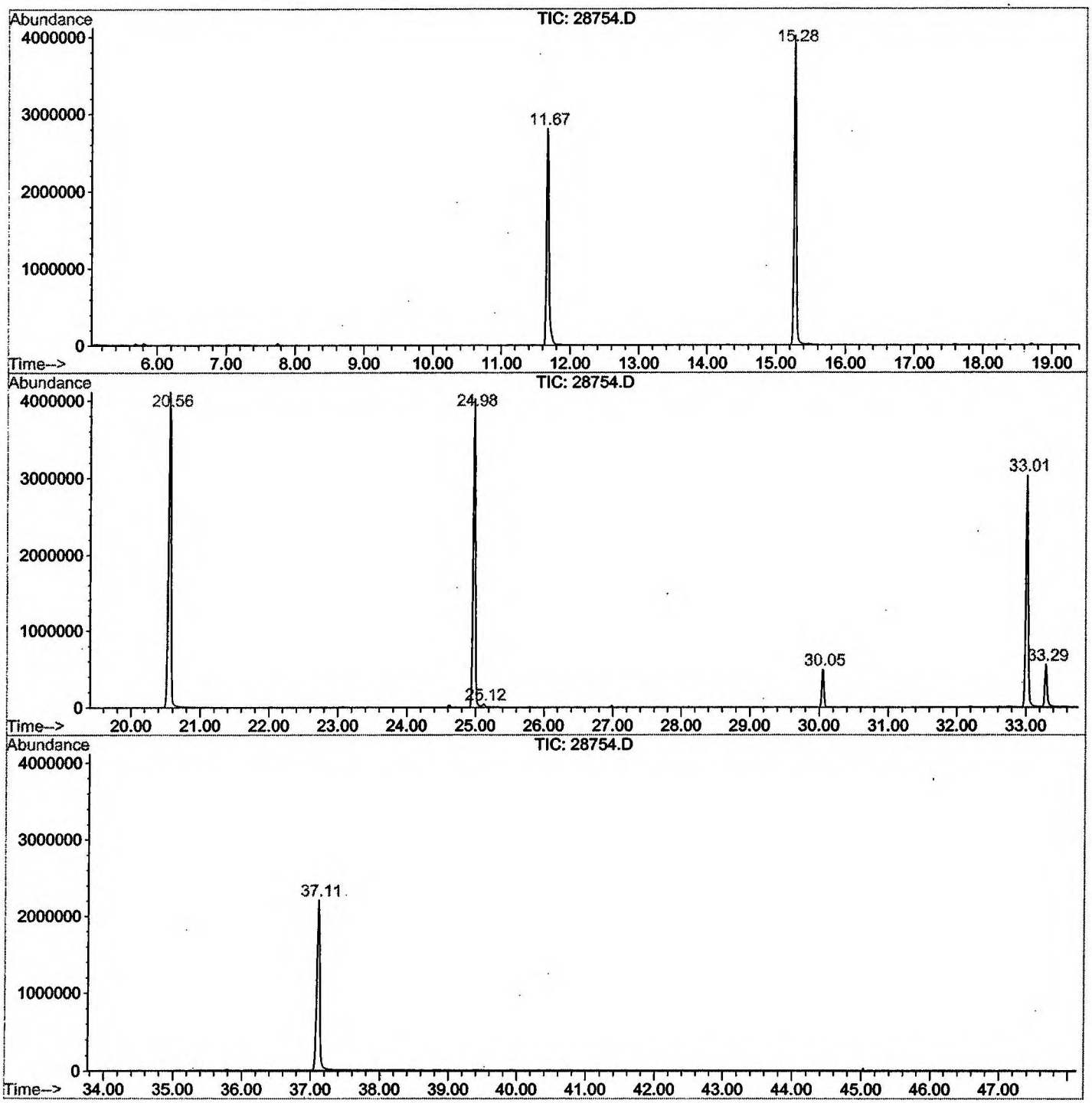
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.669	716	722	740	rBV	2801855	6711653	70.50%	13.327%
2	15.277	1107	1115	1133	rBV	4010557	8836950	92.83%	17.547%
3	20.556	1682	1690	1715	rBV	4114878	9519582	100.00%	18.902%
4	24.980	2163	2172	2183	rBV2	4020653	9077357	95.35%	18.024%
5	25.118	2183	2187	2198	rVB	39767	120040	1.26%	0.238%
6	30.048	2718	2724	2733	rBV	491873	1050316	11.03%	2.086%
7	33.013	3037	3047	3066	rBV2	3033762	7442765	78.18%	14.779%
8	33.289	3072	3077	3095	rVB	548173	1279446	13.44%	2.541%
9	37.108	3484	3493	3512	rBV2	2198525	6323671	66.43%	12.556%

Sum of corrected areas: 50361780

28754.D GCMS1126.M Mon Dec 10 10:00:11 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\28754.D
Operator : 209 GALOS
Acquired : 6 Dec 2001 3:03 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/26 gc/ms scan
Misc Info :
Vial Number: 22
Quant File :GCMS1126.RES (RTE Integrator)



28754.D GCMS1126.M Mon Dec 10 10:00:17 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Dec 2001 3:03 pm
Data File: C:\HPCHEM\1\DATA\DEC0601\28754.D
Name: 11/26 gc/ms scan
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

28754.D GCMS1126.M Mon Dec 10 10:00:21 2001