.Comments for Sample AD28857 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-16-2001 Time: 09:58:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.37 ug/L. It is also present in the Laboratory BLank at 0.30 ug/L. Recoveries for 1 of the 43 compounds in the LCS Standard was above its acceptance range. This sample was received with a pH of less than 2.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/16/2001 Time: 09:58:42

Sample: AD28857
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/16/01 09:57 Ended: 12/16/01 09:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		106		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28857.D Vial: 30
Acq On : 7 Dec 2001 3:58 am Operator: 209 GALOS
Sample : 11/27 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 11 12:06 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	1033424	20.00	ug/l	-0.03
15) Naphthalene-d8	15.28	136	3930318	20.00	ug/l	-0.03
26) Acenaphthene-d10	20.56	164	1930149	20.00	ug/l	-0.02
42) Phenanthrene-d10	24.97	188	2787064	20.00	ug/l	-0.02
53) Chrysene-d12	33.01	240	1729822	20.00	ug/l	-0.03
59) Perylene-d12	37.10	264	1193793	20.00	ug/l	-0.02
System Monitoring Compounds						
52) 2,4-DDD	30.05	235	176186	5.31	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 106.20%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
4) Phenol	11.11	94	306	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	12.97	77	1187	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	15.32	128	1026	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\28857.D Vial: 30
Acq On : 7 Dec 2001 3:58 am Operator: 209 GALOS
Sample : 11/27 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 11 12:06 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	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	21.10	65	498	N.D.	
37)	2,4-Dinitrotoluene	21.22	165	317	N.D.	
38)	Diethylphthalate	22.07	149	2768	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	22.57	77	122	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	24.97	178	973	N.D.	
49)	Anthracene	24.97	178	973	N.D.	
50)	Di-n-butylphthalate	26.98	149	18892	N.D.	
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	0.00	202	0	N.D.	
55)	Butylbenzylphthalate	31.49	149	491	N.D.	
56)	Benzo(a)anthracene	33.01	228	4384	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.29	149	38680	0.37 ug/l	97
58)	Chrysene	33.01	228	4384	N.D.	
60)	Di-n-Octylphthalate	35.04	149	798	N.D.	
61)	Benzo(b)fluoranthene	36.12	252	181	N.D.	
62)	Benzo(k)fluoranthene	36.12	252	181	N.D.	
63)	Benzo(a)pyrene	37.09	252	4483	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.	

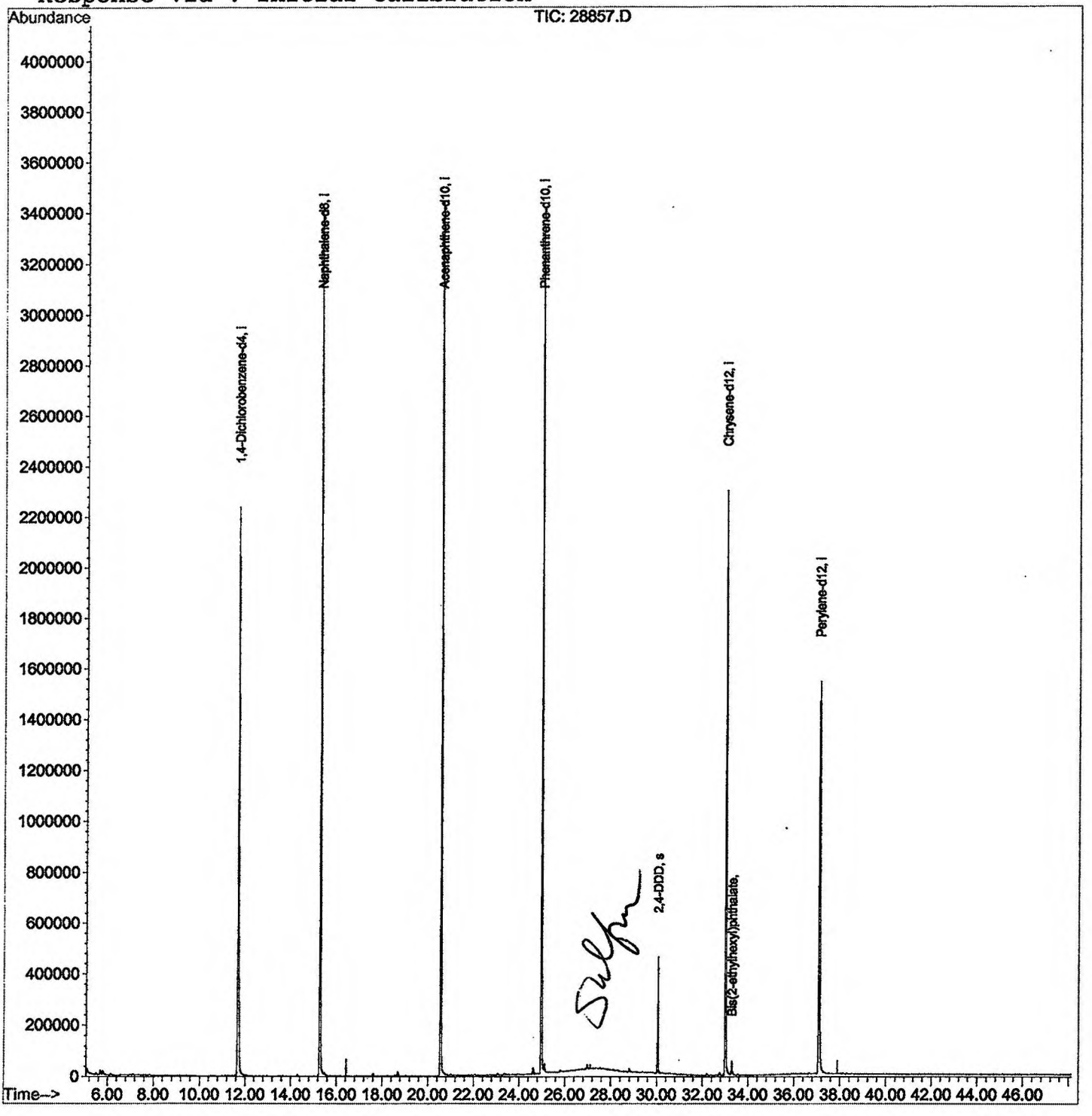
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28857.D
Acq On : 7 Dec 2001 3:58 am
Sample : 11/27 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 11 12:06 2001

Vial: 30
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\DEC0601\28857.D Vial: 30
Acq On : 7 Dec 2001 3:58 am Operator: 209 GALOS
Sample : 11/27 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

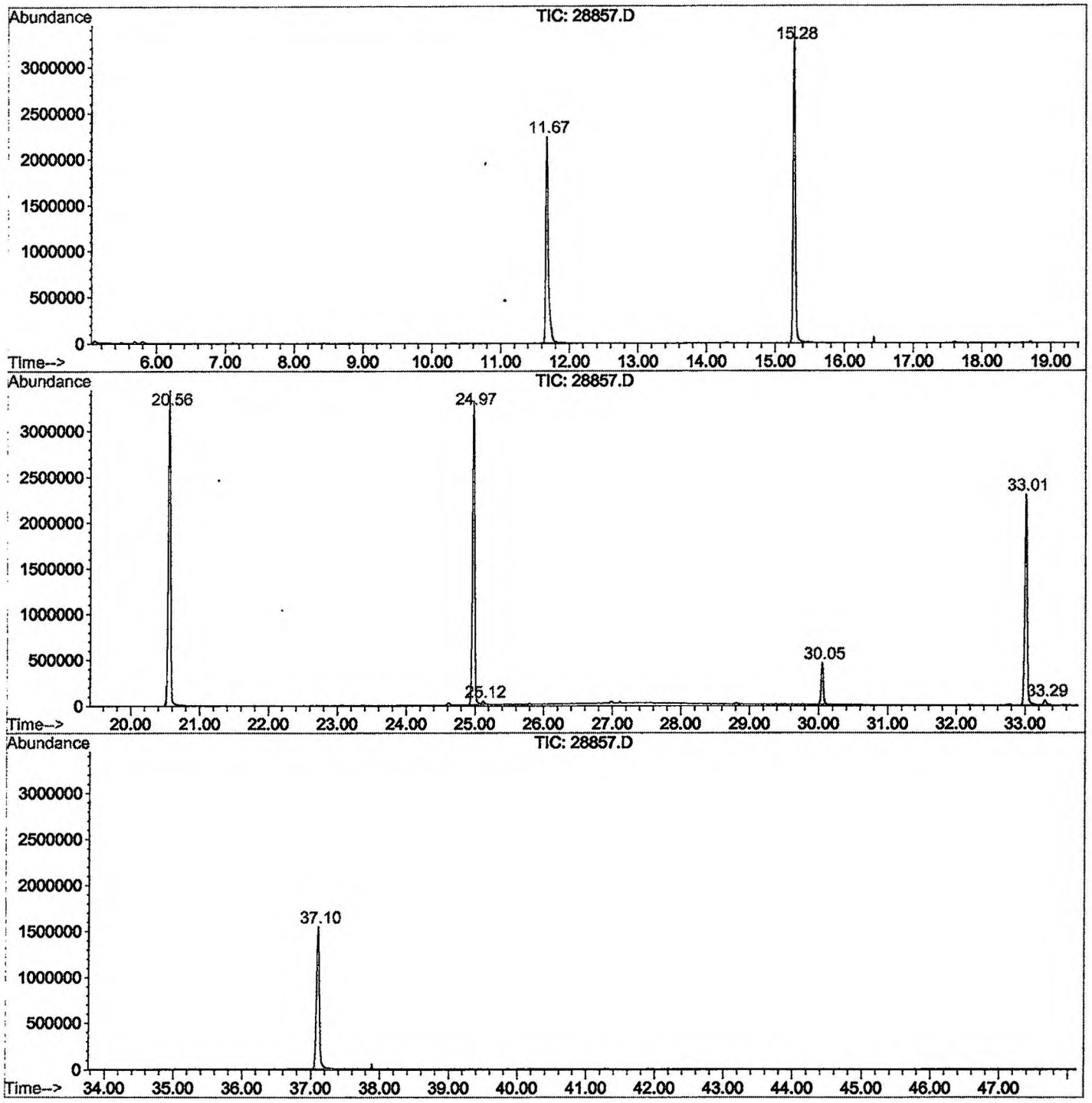
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.671	717	722	740	rBV	2236770	5576420	71.57%	14.263%
2	15.279	1109	1115	1132	rBV	3414644	7311573	93.84%	18.701%
3	20.557	1682	1690	1706	rBV	3446702	7791919	100.00%	19.930%
4	24.973	2164	2171	2183	rBV2	3311460	7375061	94.65%	18.864%
5	25.120	2183	2187	2192	rVB	31482	78394	1.01%	0.201%
6	30.050	2718	2724	2730	rBV	451689	953538	12.24%	2.439%
7	33.006	3038	3046	3067	rBV2	2299153	5456455	70.03%	13.956%
8	33.290	3072	3077	3089	rVB	53258	145557	1.87%	0.372%
9	37.100	3484	3492	3513	rBV2	1537349	4407342	56.56%	11.273%

Sum of corrected areas: 39096259

28857.D GCMS1126.M Wed Dec 12 11:37:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\28857.D
Operator : 209 GALOS
Acquired : 7 Dec 2001 3:58 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/27 gc/ms scan
Misc Info :
Vial Number: 30
Quant File :GCMS1126.RES (RTE Integrator)



28857.D GCMS1126.M Wed Dec 12 11:37:15 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 7 Dec 2001 3:58 am
Data File: C:\HPCHEM\1\DATA\DEC0601\28857.D
Name: 11/27 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

28857.D GCMS1126.M Wed Dec 12 11:37:19 2001