Comments for Sample AD28760 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-12-2001 Time: 09:47:54

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of Di-n-butylphthalate at an estimated level of 0.32 ug/L.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 09:47:12

Sample: AD28760
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/12/01 09:46 Ended: 12/12/01 09:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr: 1,4-DBD	TARGET	67.0%		[illegible]

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28760.D Vial: 13
Acq On : 6 Dec 2001 12:20 am 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 6 1:08 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : 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	11.72	152	814488	20.00	ug/l	0.02
15) Naphthalene-d8	15.31	136	3102915	20.00	ug/l	0.00
26) Acenaphthene-d10	20.58	164	1498544	20.00	ug/l	0.00
42) Phenanthrene-d10	25.01	188	2066326	20.00	ug/l	0.02
53) Chrysene-d12	33.03	240	1200478	20.00	ug/l	0.00
59) Perylene-d12	37.13	264	739018	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.08	235	82481	3.35	ug/mL	0.00
Spiked Amount 5.000			Recovery = 67.00%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	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	13.04	77	189	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	424	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)

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Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 1:08 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : 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.	
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	20.88	165	848	N.D.	
38)	Diethylphthalate	22.10	149	1252	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	25.01	178	630	N.D.	
49)	Anthracene	25.01	178	630	N.D.	
50)	Di-n-butylphthalate	27.02	149	46139	0.32 ug/l	98
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	0.00	202	0	N.D.	
55)	Butylbenzylphthalate	31.53	149	317	N.D.	
56)	Benzo(a)anthracene	33.04	228	2931	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.31	149	9181	N.D.	
58)	Chrysene	33.04	228	2931	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	37.14	252	2740	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.	

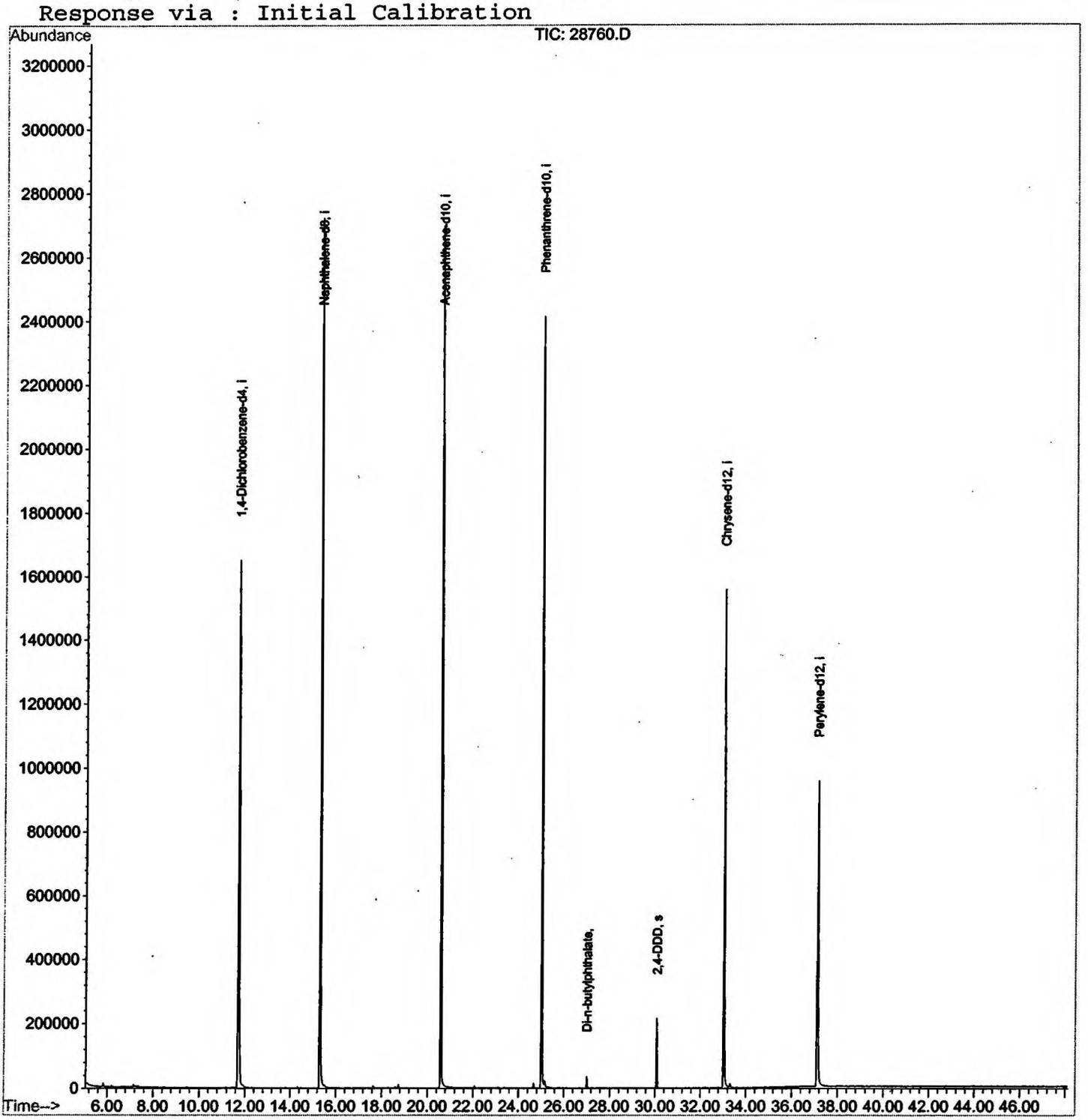
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28760.D
Acq On : 6 Dec 2001 12:20 am
Sample : 11/26 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 6 1:08 2001

Vial: 13
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\28760.D Vial: 13
Acq On : 6 Dec 2001 12:20 am 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

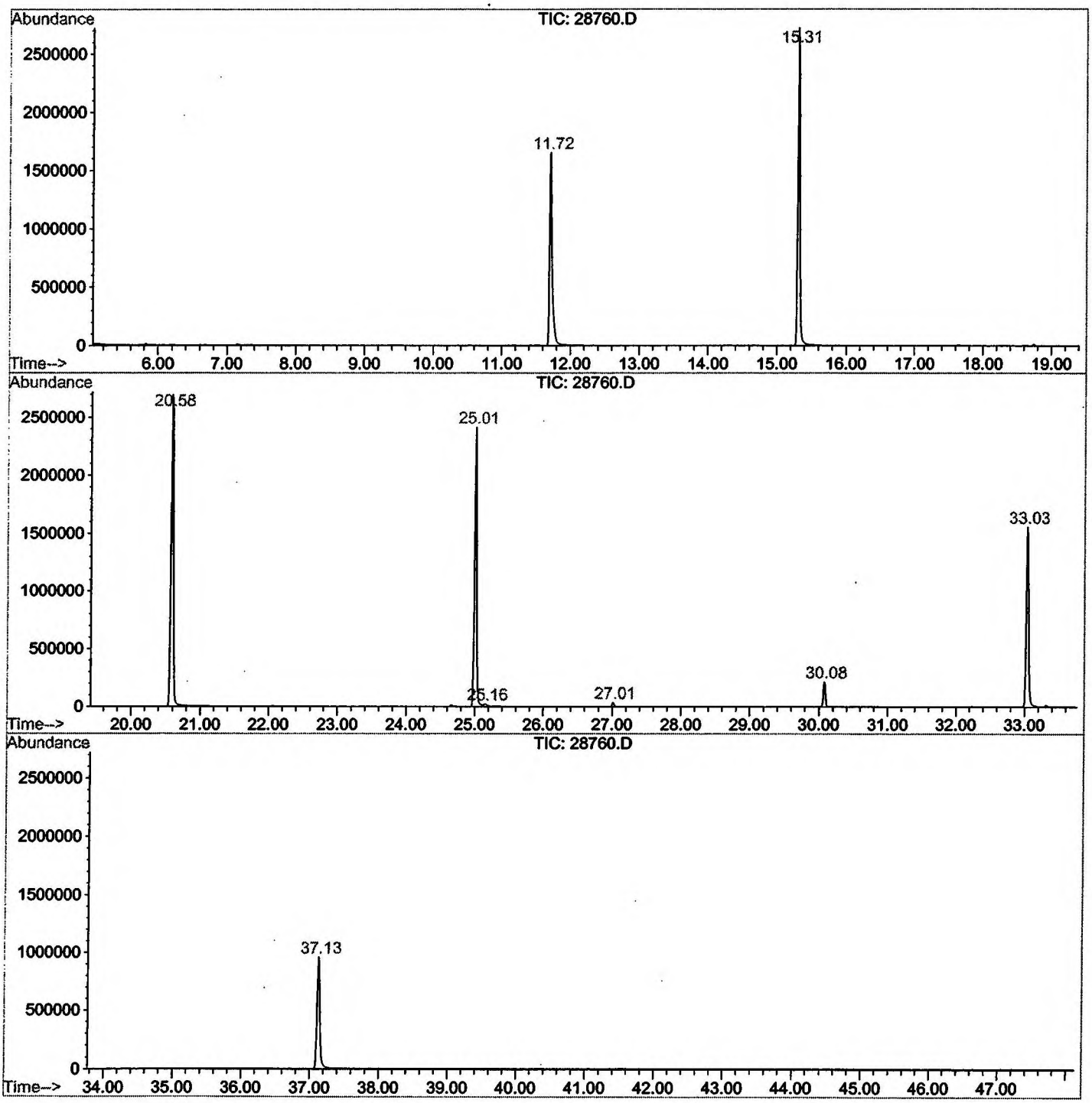
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.715	721	727	744	rBV	1650937	4415621	73.81%	15.412%
2	15.314	1113	1119	1138	rBV	2722093	5813555	97.18%	20.291%
3	20.583	1687	1693	1707	rBV	2696890	5982485	100.00%	20.881%
4	25.008	2168	2175	2187	rBV2	2414662	5439013	90.92%	18.984%
5	25.155	2187	2191	2201	rVB	19844	69324	1.16%	0.242%
6	27.009	2389	2393	2401	rBV	34811	74325	1.24%	0.259%
7	30.076	2722	2727	2738	rVB	214350	437813	7.32%	1.528%
8	33.032	3043	3049	3067	rBV2	1556681	3716203	62.12%	12.971%
9	37.126	3488	3495	3517	rBV2	952126	2702517	45.17%	9.433%

Sum of corrected areas: 28650856

28760.D GCMS1126.M Fri Dec 07 17:03:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\28760.D
Operator : 209 GALOS
Acquired : 6 Dec 2001 12:20 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/26 gc/ms scan
Misc Info :
Vial Number: 13
Quant File :GCMS1126.RES (RTE Integrator)



28760.D GCMS1126.M Fri Dec 07 17:03:15 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Dec 2001 12:20 am
Data File: C:\HPCHEM\1\DATA\DEC0501\28760.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

28760.D GCMS1126.M Fri Dec 07 17:03:19 2001