

Comments for Sample AD28856 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-16-2001 Time: 09:56:31

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 0.59 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.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/16/2001 Time: 09:56:43

Sample: AD28856
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/16/01 09:54 Ended: 12/16/01 09:54 Analyst: DLV
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	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28856.D

Vial: 33

Acq On : 7 Dec 2001 6:54 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 12:07 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	1048169	20.00	ug/l	-0.03
15) Naphthalene-d8	15.28	136	3945162	20.00	ug/l	-0.03
26) Acenaphthene-d10	20.56	164	1949743	20.00	ug/l	-0.02
42) Phenanthrene-d10	24.97	188	2840244	20.00	ug/l	-0.02
53) Chrysene-d12	33.01	240	1871236	20.00	ug/l	-0.02
59) Perylene-d12	37.10	264	1207108	20.00	ug/l	-0.02

System Monitoring Compounds

52) 2,4-DDD	30.05	235	184010	5.44	ug/mL	-0.02
Spiked Amount	5.000		Recovery	= 108.80%		

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.18	74	953	N.D.	
4) Phenol	11.16	94	172	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	13.32	77	181	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	15.34	128	1307	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

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Quantitation Report

(QT Reviewed)

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Vial: 33

Acq On : 7 Dec 2001 6:54 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 12:07 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	19.95	163	980	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	21.16	65	179	N.D.		
37) 2,4-Dinitrotoluene	21.13	165	235	N.D.		
38) Diethylphthalate	22.06	149	2090	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	25.05	178	411	N.D.		
49) Anthracene	25.05	178	411	N.D.		
50) Di-n-butylphthalate	26.98	149	22156	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	33.01	228	4198	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.29	149	66912	0.59	ug/l	99
58) Chrysene	33.01	228	4198	N.D.		
60) Di-n-Octylphthalate	35.07	149	720	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	37.10	252	5280	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

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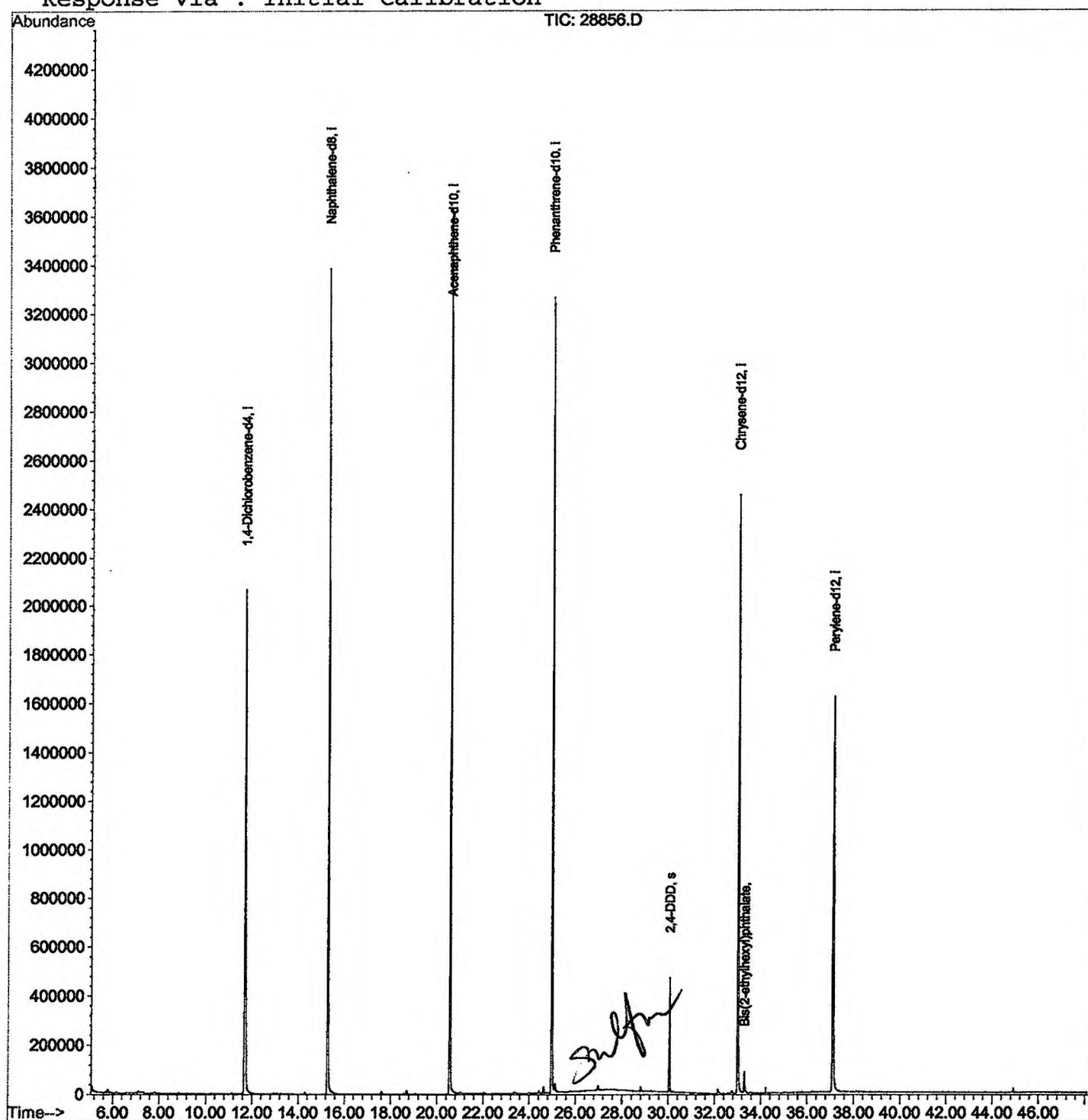
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28856.D
Acq On : 7 Dec 2001 6:54 am
Sample : 11/27 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 11 12:07 2001

Vial: 33
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\28856.D

Vial: 33

Acq On : 7 Dec 2001 6:54 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	11.670	717	722	753	rBV	2064498	5690639	72.06%	14.099%
2	15.278	1109	1115	1132	rBV	3385751	7375345	93.39%	18.273%
3	20.556	1683	1690	1708	rBV	3633292	7897020	100.00%	19.566%
4	24.972	2165	2171	2182	rBV2	3261030	7510509	95.11%	18.608%
5	25.119	2182	2187	2196	rVB	32526	102015	1.29%	0.253%
6	30.049	2719	2724	2730	rBV	461972	963563	12.20%	2.387%
7	33.014	3037	3047	3061	rBV	2453367	5862875	74.24%	14.526%
8	33.289	3072	3077	3085	rBV	84181	208961	2.65%	0.518%
9	37.108	3485	3493	3514	rBV2	1614553	4750277	60.15%	11.769%

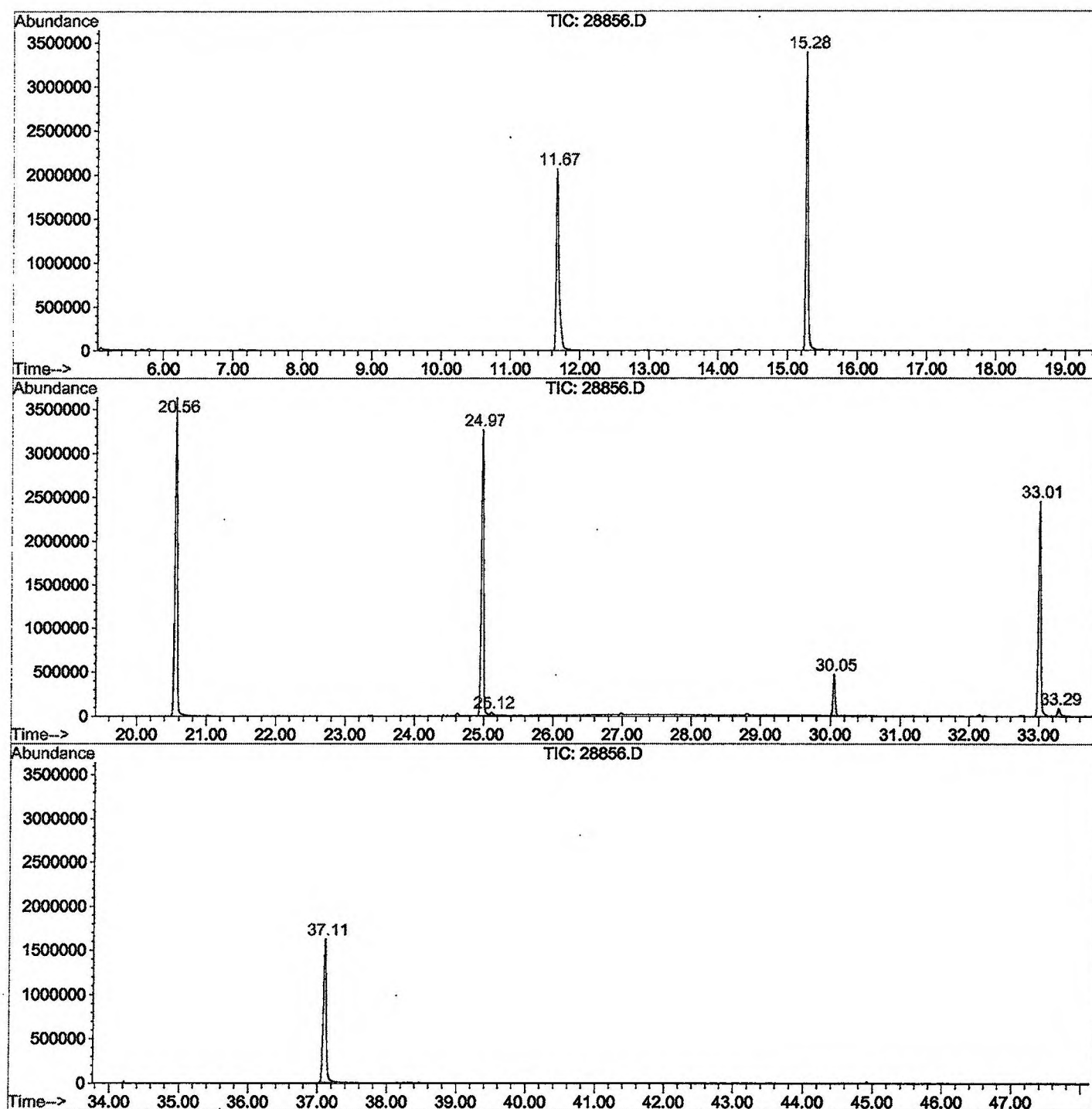
Sum of corrected areas: 40361204

28856.D GCMS1126.M

Wed Dec 12 11:36:33 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\28856.D
Operator : 209 GALOS
Acquired : 7 Dec 2001 6:54 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/27 gc/ms scan
Misc Info :
Vial Number: 33
Quant File :GCMS1126.RES (RTE Integrator)



28856.D GCMS1126.M

Wed Dec 12 11:36:39 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 7 Dec 2001 6:54 am
 Data File: C:\HPCHEM\1\DATA\DEC0601\28856.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

28856.D GCMS1126.M		Wed Dec 12	11:36:44	2001				