Comments for Sample AD28858 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-16-2001 Time: 10:14:31

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. 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: 10:14:34

Sample: AD28858
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/16/01 09:59 Ended: 12/16/01 09:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28858.D Vial: 32
Acq On : 7 Dec 2001 5:56 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 12:09 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	1137511	20.00	ug/l	-0.03
15) Naphthalene-d8	15.28	136	4305842	20.00	ug/l	-0.03
26) Acenaphthene-d10	20.56	164	2118593	20.00	ug/l	-0.02
42) Phenanthrene-d10	24.98	188	3085987	20.00	ug/l	-0.01
53) Chrysene-d12	33.01	240	1932762	20.00	ug/l	-0.02
59) Perylene-d12	37.10	264	1382101	20.00	ug/l	-0.02
System Monitoring Compounds						
52) 2,4-DDD	30.05	235	180149	4.90	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
4) Phenol	11.10	94	120	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	900	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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Acq On : 7 Dec 2001 5:56 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 12:09 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	0.00	65	0	N.D.	
37) 2,4-Dinitrotoluene	21.11	165	294	N.D.	
38) Diethylphthalate	22.08	149	1865	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	24.98	178	1089	N.D.	
49) Anthracene	24.98	178	1089	N.D.	
50) Di-n-butylphthalate	26.99	149	10340	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	5013	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.29	149	24008	N.D.	
58) Chrysene	33.01	228	5013	N.D.	
60) Di-n-Octylphthalate	35.04	149	206	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	37.11	252	5264	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.	

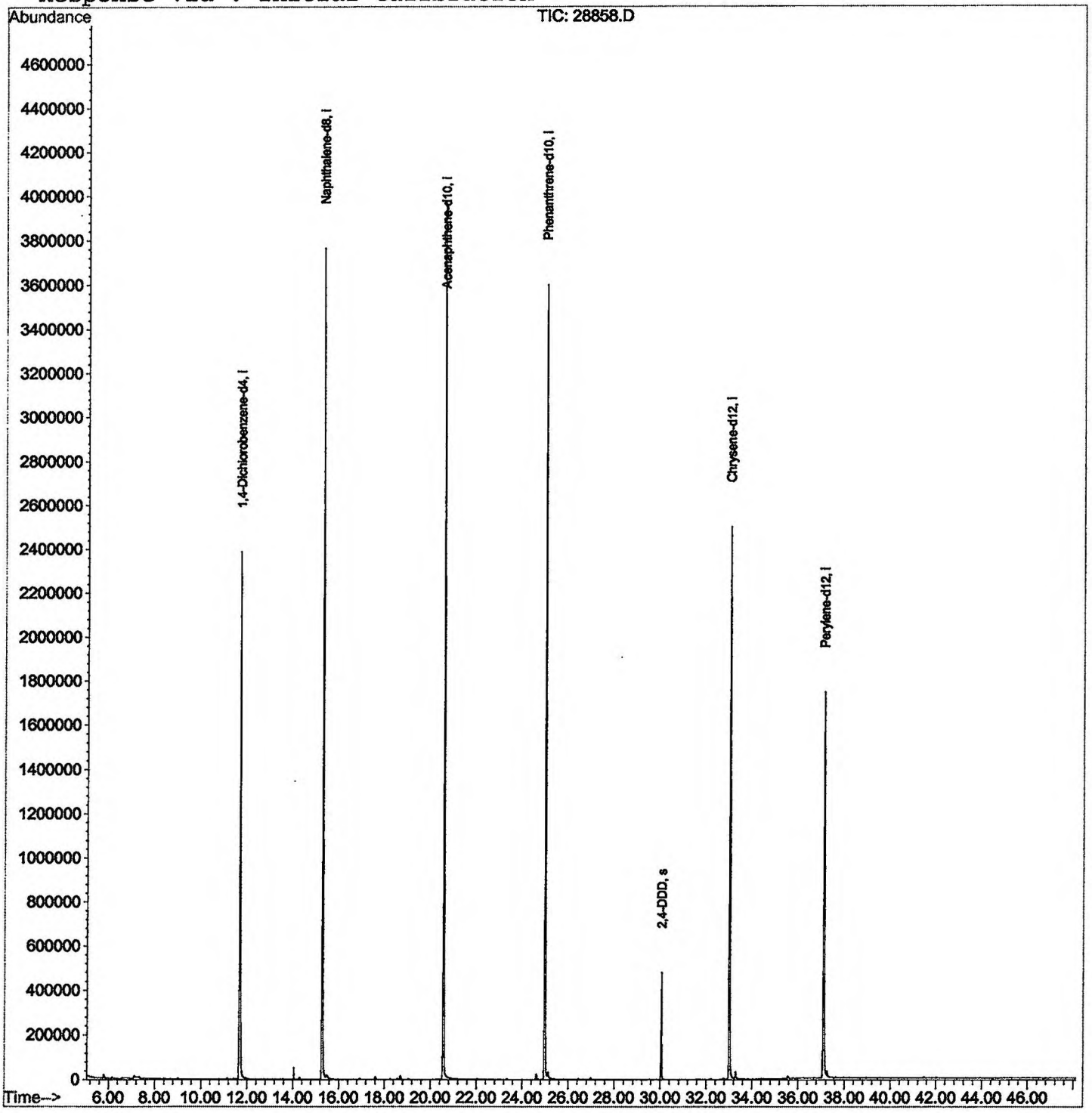
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28858.D
Acq On : 7 Dec 2001 5:56 am
Sample : 11/27 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 11 12:09 2001

Vial: 32
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\28858.D Vial: 32
Acq On : 7 Dec 2001 5:56 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

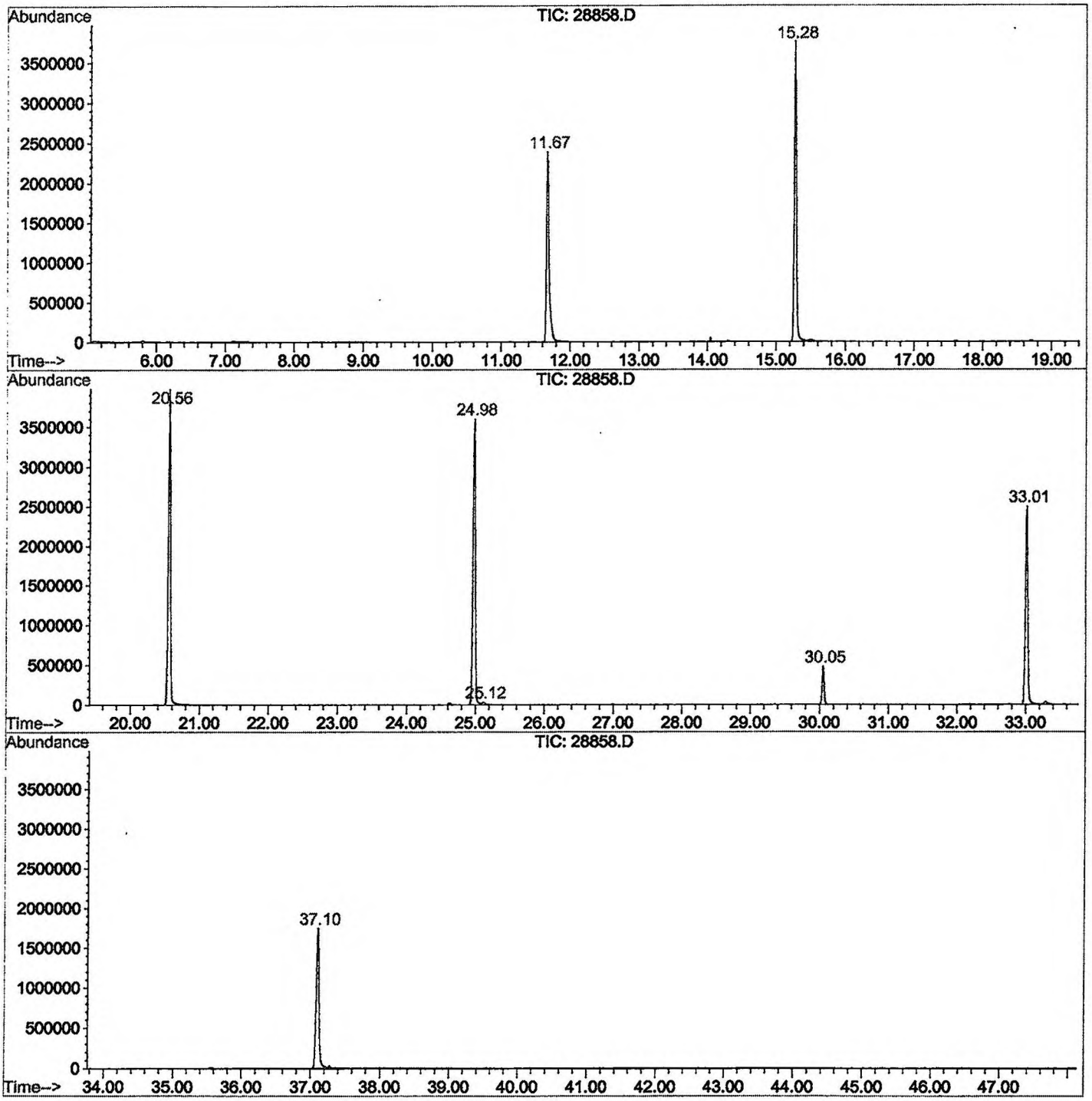
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.669	717	722	750	rBV	2387021	6157898	72.08%	14.304%
2	15.277	1109	1115	1132	rBV	3763432	8048416	94.22%	18.696%
3	20.556	1683	1690	1705	rBV	3978284	8542598	100.00%	19.844%
4	24.981	2165	2172	2183	rBV2	3599045	8138896	95.27%	18.906%
5	25.118	2183	2187	2200	rVB	30040	105645	1.24%	0.245%
6	30.048	2719	2724	2738	rBV	476655	956503	11.20%	2.222%
7	33.013	3040	3047	3070	rBV2	2499536	6049683	70.82%	14.053%
8	37.099	3484	3492	3510	rBV2	1739171	5049834	59.11%	11.730%

Sum of corrected areas: 43049473

28858.D GCMS1126.M Wed Dec 12 11:37:38 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\28858.D
Operator : 209 GALOS
Acquired : 7 Dec 2001 5:56 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/27 gc/ms scan
Misc Info :
Vial Number: 32
Quant File :GCMS1126.RES (RTE Integrator)



28858.D GCMS1126.M Wed Dec 12 11:37:43 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 7 Dec 2001 5:56 am
Data File: C:\HPCHEM\1\DATA\DEC0601\28858.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

28858.D GCMS1126.M Wed Dec 12 11:37:48 2001