Comments for Sample AD28750 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-12-2001 Time: 09:14:01

The GCMS scan from 35 to 550 amu does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28750.D Vial: 19
Acq On : 6 Dec 2001 6:10 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 6:59 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	11.71	152	1034701	20.00	ug/l	0.01
15) Naphthalene-d8	15.32	136	3900023	20.00	ug/l	0.01
26) Acenaphthene-d10	20.59	164	1855880	20.00	ug/l	0.01
42) Phenanthrene-d10	25.01	188	2587727	20.00	ug/l	0.01
53) Chrysene-d12	33.04	240	1474350	20.00	ug/l	0.00
59) Perylene-d12	37.13	264	936939	20.00	ug/l	0.01
System Monitoring Compounds						
52) 2,4-DDD	30.08	235	99124	3.22	ug/mL	0.01
Spiked Amount 5.000			Recovery	=	64.40%	
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.20	74	100	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	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	15.37	128	232	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\DEC0501\28750.D Vial: 19
Acq On : 6 Dec 2001 6:10 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 6:59 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

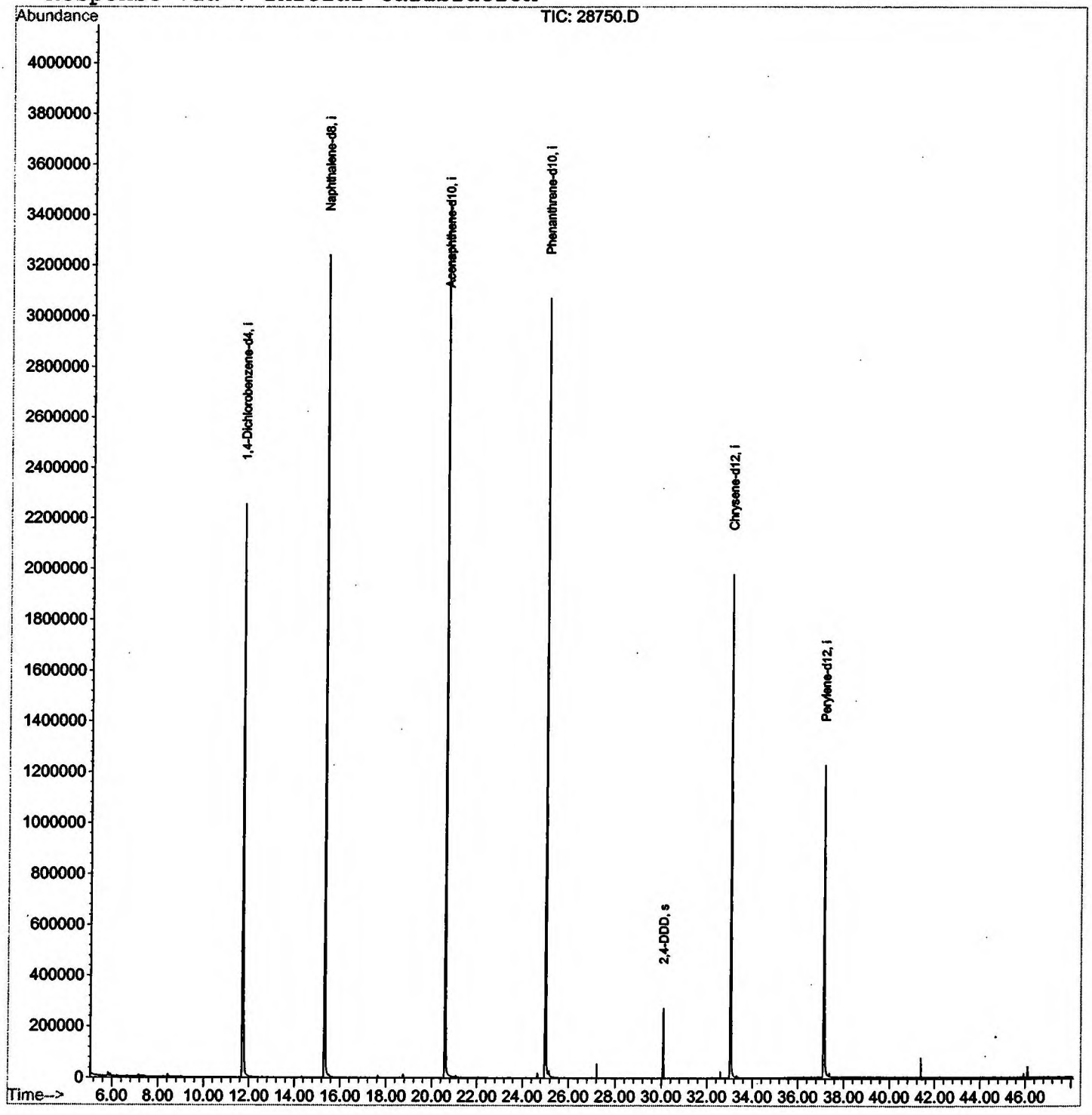
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30)	2-Chloronaphthalene	0.00	162	0	N.D.	
31)	Dimethylphthalate	0.00	163	0	N.D.	
32)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	21.19	165	191	N.D.	
38)	Diethylphthalate	0.00	149	0	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	25.02	178	644	N.D.	
49)	Anthracene	25.02	178	644	N.D.	
50)	Di-n-butylphthalate	27.02	149	4160	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	33.04	228	3319	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.31	149	4532	N.D.	
58)	Chrysene	33.04	228	3319	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	37.13	252	3871	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\28750.D Vial: 19
Acq On : 6 Dec 2001 6:10 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 6:59 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\DEC0501\28750.D Vial: 19
Acq On : 6 Dec 2001 6:10 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

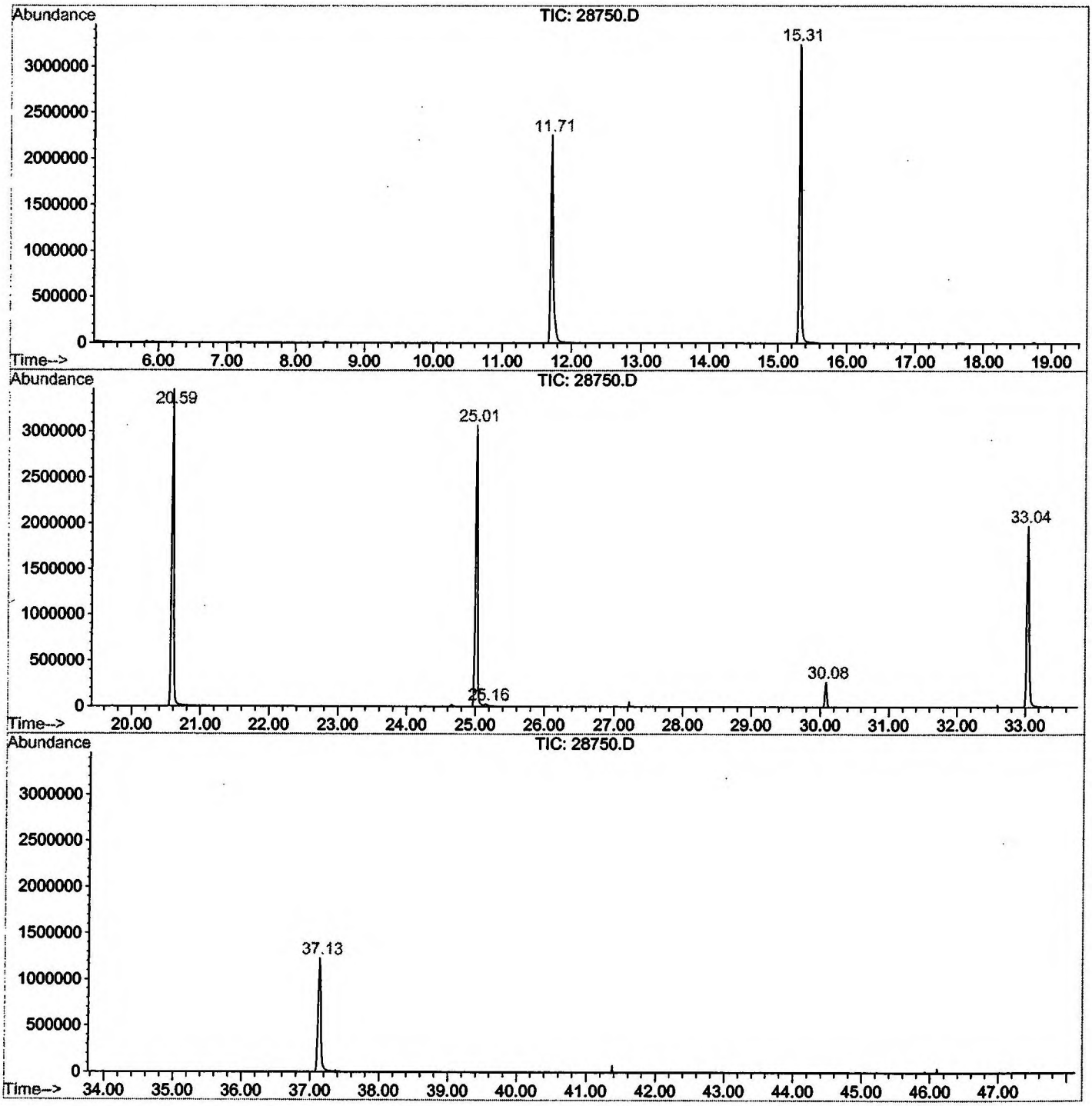
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.713	721	726	749	rBV	2253811	5586852	73.77%	15.560%
2	15.312	1113	1118	1137	rBV	3239469	7249430	95.73%	20.191%
3	20.590	1686	1693	1717	rBV	3456001	7572942	100.00%	21.092%
4	25.006	2168	2174	2187	rBV2	3068799	6859180	90.57%	19.104%
5	25.162	2187	2191	2205	rVB2	25214	90383	1.19%	0.252%
6	30.083	2721	2727	2733	rBV	271688	524869	6.93%	1.462%
7	33.039	3042	3049	3069	rBV2	1979423	4606407	60.83%	12.829%
8	37.133	3487	3495	3516	rBV2	1224570	3415014	45.09%	9.511%

Sum of corrected areas: 35905077

28750.D GCMS1126.M Fri Dec 07 16:59:30 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\28750.D
Operator : 209 GALOS
Acquired : 6 Dec 2001 6:10 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/26 gc/ms scan
Misc Info :
Vial Number: 19
Quant File :GCMS1126.RES (RTE Integrator)



28750.D GCMS1126.M Fri Dec 07 16:59:36 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Dec 2001 6:10 am
Data File: C:\HPCHEM\1\DATA\DEC0501\28750.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

28750.D GCMS1126.M Fri Dec 07 16:59:41 2001

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 09:16:37

Sample: AD28750
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/12/01 09:04 Ended: 12/12/01 09:04 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		< MDL		
2	Surr_2,4-DDD	TARGET	84.4%		5.0

pass
63.5 – 98.3