User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 12:37:53

Sample: AE06049
Analysis: SC1GCMS CALI GCMS
Units: ug
Started: 4/5/02 12:32 Ended: 4/5/02 12:32 Analyst: TB
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		23.48		2.0
2	bis(2-Chloroethyl)ether		23.62		2.0
3	1,3-Dichlorobenzene		23.13		2.0
4	1,4-Dichlorobenzene		23.12		2.0
5	1,2-Dichlorobenzene		23.14		2.0
6	2,2'-oxybis(1-Chloropropane)		23.11		2.0
7	n-Nitrosodi-n-propylamine		24.19		2.0
8	Hexachloroethane		24.75		2.0
9	Nitrobenzene		22.73		2.0
10	Isophorone		22.22		2.0
11	bis(2-Chloroethoxy)methane		23.13		2.0
12	1,2,4-Trichlorobenzene		22.82		2.0
13	Naphthalene		23.28		2.0
14	Hexachlorobutadiene		22.75		2.0
15	2-Chloronaphthalene		23.11		2.0
16	Dimethylphthalate		22.84		2.0
17	2,6-Dinitrotoluene		23.29		2.0
18	Acenaphthylene		23.87		2.0
19	Acenaphthene		23.20		2.0
20	2,4-Dinitrotoluene		23.11		2.0
21	Diethylphthalate		23.54		2.0
22	4-Chlorophenylphenylether		23.07		2.0
23	Fluorene		23.25		2.0
24	Azobenzene/1,2-Diphenylhydr		23.00		2.0
25	n-Nitrosodiphenylamine		22.94		2.0
26	4-Bromophenylphenylether		22.70		2.0
27	Hexachlorobenzene		22.44		2.0
28	Phenanthrene		22.63		2.0
29	Anthracene		22.77		2.0
30	Di-n-butylphthalate		23.40		2.0
31	Fluoranthene		23.09		2.0
32	Pyrene		22.12		2.0
33	Butylbenzylphthalate		22.95		2.0
34	Benzo(a)anthracene		22.16		2.0
35	bis(2-Ethylhexyl)phthalate		22.93		2.0
36	Chrysene		22.69		2.0
37	Di-n-octylphthalate		21.02		2.0
38	Benzo(b)fluoranthene		21.32		2.0
39	Benzo(k)fluoranthene		21.73		2.0
40	Benzo(a)pyrene		21.75		2.0
41	Indeno(1,2,3-cd)pyrene		24.32		2.0
42	Dibenz(a,h)anthracene		22.59		2.0
43	Benzo(g,h,i)perylene		24.36		2.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040502\C25A0405.D Vial: 52
Acq On : 5 Apr 2002 9:16 pm Operator: Bohlk
Sample : C25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 08 05:16:09 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.47	152	1489218	20.00	ug/L	0.00
10) Naphthalene-d8	12.94	136	6282571	20.00	ug/L	0.00
17) Acenaphthene-d10	18.06	164	3361002	20.00	ug/L	0.00
29) Phenanthrene-d10	22.42	188	4954410	20.00	ug/L	0.00
38) Chrysene-d12	30.25	240	3470595	20.00	ug/L	0.00
44) Perylene-d12	34.12	264	2033822	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.35	235	24707	0.50	ug/L	0.00
Spiked Amount 5.000			Recovery = 10.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.48	74	1334269	23.48	ug/L	87
3) bis(2-chloroethyl) ether	8.91	93	1954467	23.62	ug/L	99
4) 1,3 - Dichlorobenze	9.30	146	1732311	23.13	ug/L	99
5) 1,4 - Dichlorobenzene	9.51	146	1692917	23.12	ug/L	99
6) 1,2 - Dichlorobenzene	9.88	146	1576053	23.14	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.35	45	2953283	23.11	ug/L	98
8) N-Nitroso-di-n-propylamine	10.70	70	1524469	24.19	ug/L	95
9) Hexachloroethane	10.78	117	696185	24.75	ug/L	96
11) Nitrobenzene	11.03	77	2273481	22.73	ug/L	98
12) Isophorone	11.75	82	4012669	22.22	ug/L	98
13) bis(2-Chloroethoxy) methan	12.49	93	2532097	23.13	ug/L	98
14) 1,2,4-Trichlorobenzene	12.82	180	1240899	22.82	ug/L	100
15) Naphthalene	13.00	128	5047870	23.28	ug/L	99
16) Hexachlorobutadiene	13.45	225	612013	22.75	ug/L	97
18) Hexachlorocyclopentadiene	15.52	237	425468	23.55	ug/L	100
19) 2-chloronaphthalene	16.43	162	2679811	23.11	ug/L	97
20) Dimethylphthalate	17.53	163	3084514	22.84	ug/L	99
21) 2,6-Dinitrotoluene	17.64	165	664997	23.29	ug/L	98
22) Acenaphthylene	17.62	152	3803978	23.87	ug/L	99
23) Acenaphthene	18.15	153	2617469	23.20	ug/L	100
24) 2,4-Dinitrotoluene	18.79	165	908140	23.11	ug/L	90
25) Diethylphthalate	19.68	149	2682438	23.54	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.82	204	1357180	23.07	ug/L	99
27) Fluorene	19.68	166	2987977	23.25	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.28	77	4663854	23.00	ug/L	94
30) N-Nitrosodiphenylamine	20.20	169	1994643	22.94	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.24	248	672316	22.70	ug/L	94
32) Hexachlorobenzene	21.27	284	639388	22.44	ug/L	88
33) Phenanthrene	22.49	178	4134984	22.63	ug/L	99
34) Anthracene	22.63	178	4047238	22.77	ug/L	99
35) Di-n-butylphthalate	24.58	149	4840025	23.40	ug/L	99
36) Fluoranthene	25.99	202	4399032	23.09	ug/L	88
39) Pyrene	26.62	202	4485315	22.12	ug/L	89
40) Butylbenzylphthalate	28.98	149	2016842	22.95	ug/L	86
41) Benzo (a) antracene	30.21	228	3080567	22.16	ug/L	100
42) Bis (2-ethylhexyl) phthala	30.85	149	2594930	22.93	ug/L	98
43) Chrysene	30.32	228	3021313	22.69	ug/L	100
45) Di-n-Octylphthalate	32.70	149	4098361	21.02	ug/L	99
46) Benzo (b) fluoranthene	33.17	252	2344755	21.32	ug/L	94

17.5-32.5

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040502\C25A0405.D Vial: 52
Acq On : 5 Apr 2002 9:16 pm Operator: Bohlk
Sample : C25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 08 05:16:09 2002 Quant Results File: 5080402.RES

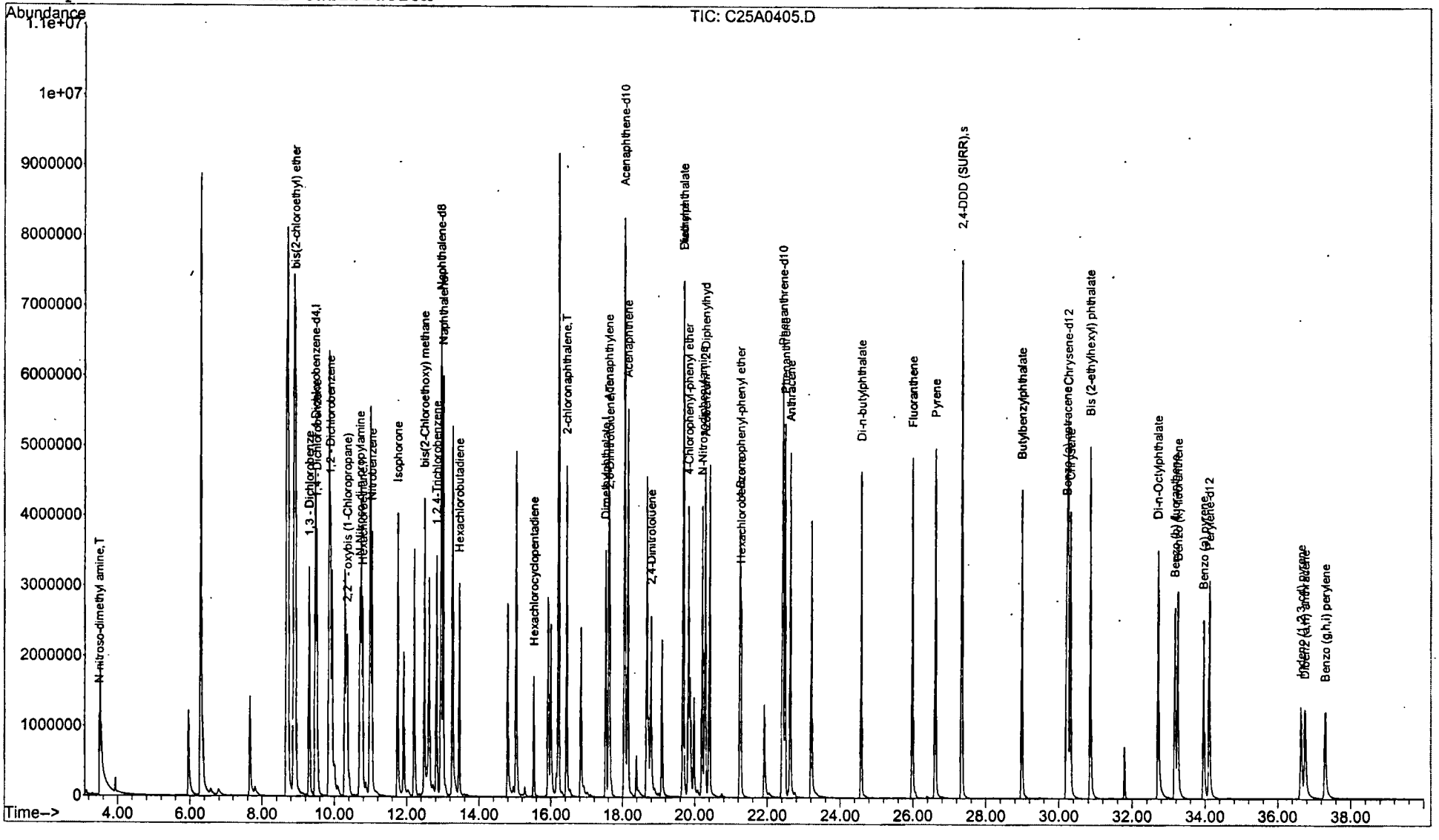
Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.25	252	2537829	21.73	ug/L	93
48) Benzo (a) pyrene	33.96	252	2108442	21.75	ug/L	91
49) Indeno (1,2,3-cd) pyrene	36.64	276	1255309	24.32	ug/L	81
50) Dibenz (a,h) anthracene	36.76	278	1158805	22.59	ug/L	83
51) Benzo (g,h,i) perylene	37.31	276	1277820	24.36	ug/L	77

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

Data File : C:\MSDCHEM\1\DATA\040502\C25A0405.D Vial: 52
Acq On : 5 Apr 2002 9:16 pm Operator: Bohlk
Sample : C25 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 8 5:16 2002 Quant Results File: 5080402.RES

Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040502\SURA0405.D Vial: 3
Acq On : 5 Apr 2002 10:05 pm Operator: Bohlk
Sample : SURROGATE Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 08 05:31:03 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	-9.47
10) Naphthalene-d8	0.00	136	0	0.00	ug/L	-12.94
17) Acenaphthene-d10	0.00	164	0	0.00	ug/L	-18.06
29) Phenanthrene-d10	0.00	188	0	0.00	ug/L	-22.42
38) Chrysene-d12	0.00	240	0	0.00	ug/L	-30.25
44) Perylene-d12	0.00	264	0	0.00	ug/L	-34.12
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.36	235	189315	0.00	ug/L	0.00
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.		
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2 ' - oxybis (1-Chloropr	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	0.00	149	0	N.D.		
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	0.00	228	0	N.D.		
42) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
43) Chrysene	0.00	228	0	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\040502\SURA0405.D Vial: 3
Acq On : 5 Apr 2002 10:05 pm Operator: Bohlk
Sample : SURROGATE Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 08 05:31:03 2002 Quant Results File: 5080402.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D.	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
SURA0405.D 5080402.M Mon Apr 08 05:31:36 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\040502\SURA0405.D Vial: 3
Acq On : 5 Apr 2002 10:05 pm Operator: Bohlk
Sample : SURROGATE Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 8 5:31 2002 Quant Results File: 5080402.RES

Method : C:\MSDCHEM\1\5973N\5080402.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Apr 05 05:56:22 2002
Response via : Initial Calibration