User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 14:33:40

Sample: AE08012
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/12/20 00:05 Ended: 4/12/20 00:05 Analyst: MG
Result source: c:\hpchem\1\data\apr1102\refa1.d\refa1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		11	2.0
2	bis(2-Chloroethyl)ether		17	2.0
3	1,3-Dichlorobenzene		13	2.0
4	1,4-Dichlorobenzene		14	2.0
5	1,2-Dichlorobenzene		15	2.0
6	2,2-oxybis(1-Chloropropane)		17	2.0
7	n-Nitrosodi-n-propylamine		17	2.0
8	Hexachloroethane		11	2.0
9	Nitrobenzene		16	2.0
10	Isophorone		15	2.0
11	bis(2-Chloroethoxy)methane		17	2.0
12	1,2,4-Trichlorobenzene		14	2.0
13	Naphthalene		17	2.0
14	Hexachlorobutadiene		12	2.0
15	2-Chloronaphthalene		16	2.0
16	Dimethylphthalate		19	2.0
17	2,6-Dinitrotoluene		17	2.0
18	Acenaphthylene		18	2.0
19	Acenaphthene		18	2.0
20	2,4-Dinitrotoluene		16	2.0
21	Diethylphthalate		20	2.0
22	4-Chlorophenylphenylether		19	2.0
23	Fluorene		19	2.0
24	Azobenzene		17	2.0
25	n-Nitrosodiphenylamine		14	2.0
26	4-Bromophenylphenylether		19	2.0
27	Hexachlorobenzene		19	2.0
28	Phenanthrene		20	2.0
29	Anthracene		18	2.0
30	Di-n-butylphthalate		23	2.0
31	Fluoranthene		20	2.0
32	Pyrene		21	2.0
33	Butylbenzylphthalate		20	2.0
34	Benzo(a)anthracene		20	2.0
35	bis(2-Ethylhexyl)phthalate		20	2.0
36	Chrysene		21	2.0
37	Di-n-octylphthalate		17	2.0
38	Benzo(b)fluoranthene		19	2.0
39	Benzo(k)fluoranthene		21	2.0
40	Benzo(a)pyrene		16	2.0
41	Indeno(1,2,3-cd)pyrene		17	2.0
42	Dibenz(a,h)anthracene		20	2.0
43	Benzo(g,h,i)perylene		19	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 14:34:14

Sample: AE08012
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/12/20 00:05 Ended: 4/12/20 00:05 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		55	2.0
2	bis(2-Chloroethyl)ether		85	2.0
3	1,3-Dichlorobenzene		65	2.0
4	1,4-Dichlorobenzene		70	2.0
5	1,2-Dichlorobenzene		75	2.0
6	2,2-oxybis(1-Chloropropane)		85	2.0
7	n-Nitrosodi-n-propylamine		85	2.0
8	Hexachloroethane		55	2.0
9	Nitrobenzene		80	2.0
10	Isophorone		75	2.0
11	bis(2-Chloroethoxy)methane		85	2.0
12	1,2,4-Trichlorobenzene		70	2.0
13	Naphthalene		85	2.0
14	Hexachlorobutadiene		60	2.0
15	2-Chloronaphthalene		80	2.0
16	Dimethylphthalate		95	2.0
17	2,6-Dinitrotoluene		85	2.0
18	Acenaphthylene		90	2.0
19	Acenaphthene		90	2.0
20	2,4-Dinitrotoluene		80	2.0
21	Diethylphthalate		100	2.0
22	4-Chlorophenylphenylether		95	2.0
23	Fluorene		95	2.0
24	Azobenzene		85	2.0
25	n-Nitrosodiphenylamine		70	2.0
26	4-Bromophenylphenylether		95	2.0
27	Hexachlorobenzene		95	2.0
28	Phenanthrene		100	2.0
29	Anthracene		90	2.0
30	Di-n-butylphthalate		120	2.0
31	Fluoranthene		100	2.0
32	Pyrene		100	2.0
33	Butylbenzylphthalate		100	2.0
34	Benzo(a)anthracene		100	2.0
35	bis(2-Ethylhexyl)phthalate		100	2.0
36	Chrysene		100	2.0
37	Di-n-octylphthalate		85	2.0
38	Benzo(b)fluoranthene		95	2.0
39	Benzo(k)fluoranthene		100	2.0
40	Benzo(a)pyrene		80	2.0
41	Indeno(1,2,3-cd)pyrene		85	2.0
42	Dibenz(a,h)anthracene		100	2.0
43	Benzo(g,h,i)perylene		95	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1102\REFA1.D Vial: 16
Acq On : 12 Apr 2002 5:08 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:49 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	462254	20.00	ug/l	0.00
10) Naphthalene-d8	15.87	136	1721073	20.00	ug/l	0.00
17) Acenaphthene-d10	21.17	164	966857	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1436314	20.00	ug/l	0.00
39) Chrysene-d12	33.67	240	908782	20.00	ug/l	0.00
45) Perylene-d12	37.90	264	586852	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.30	209	40963	7.87	ug/L	-0.03
Spiked Amount 10.000			Recovery = 78.70%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.88	74	109295	10.86	ug/l	97
3) bis(2-Chloroethyl)ether	11.62	93	261900	16.73	ug/l	99
4) 1,3-Dichlorobenzene	12.13	146	215485	13.34	ug/l	100
5) 1,4-Dichlorobenzene	12.28	146	225036	13.85	ug/l	100
6) 1,2-Dichlorobenzene	12.79	146	222875	14.77	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.11	45	374541	17.31	ug/l	99
8) N-Nitroso-di-n-propylamine	13.50	70	175573	17.10	ug/l	96
9) Hexachloroethane	13.63	117	67625	11.36	ug/l	97
11) Nitrobenzene	13.91	77	236474	15.67	ug/l	98
12) Isophorone	14.55	82	416614	14.59	ug/l	100
13) bis(2-Chloroethoxy)methane	15.23	93	313468	16.86	ug/l	99
14) 1,2,4-Trichlorobenzene	15.75	180	189552	14.49	ug/l	99
15) Naphthalene	15.92	128	695089	16.80	ug/l	99
16) Hexachlorobutadiene	16.46	225	80678	12.33	ug/l	98
18) Hexachlorocyclopentadiene	18.66	237	10043	2.35	ug/l	98
19) 2-Chloronaphthalene	19.43	162	416822	16.35	ug/l	99
20) Dimethylphthalate	20.51	163	570200	19.40	ug/l	98
21) 2,6-Dinitrotoluene	20.73	165	116923	16.64	ug/l	96
22) Acenaphthylene	20.69	152	641491	17.98	ug/l	99
23) Acenaphthene	21.26	153	450636	17.77	ug/l	100
24) 2,4-Dinitrotoluene	21.90	165	150096	16.22	ug/l	98
25) Diethylphthalate	22.65	149	562104	19.94	ug/l	99
26) 4-Chlorophenyl-phenylether	22.80	204	237639	18.99	ug/l	98
27) Fluorene	22.78	166	506947	18.88	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.27	77	499234	16.73	ug/L	99
31) N-Nitrosodiphenylamine	23.19	168	161885	13.55	ug/l	99
32) 4-Bromophenyl-phenylether	24.27	248	132090	18.94	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1102\REFA1.D Vial: 16
Acq On : 12 Apr 2002 5:08 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:49 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

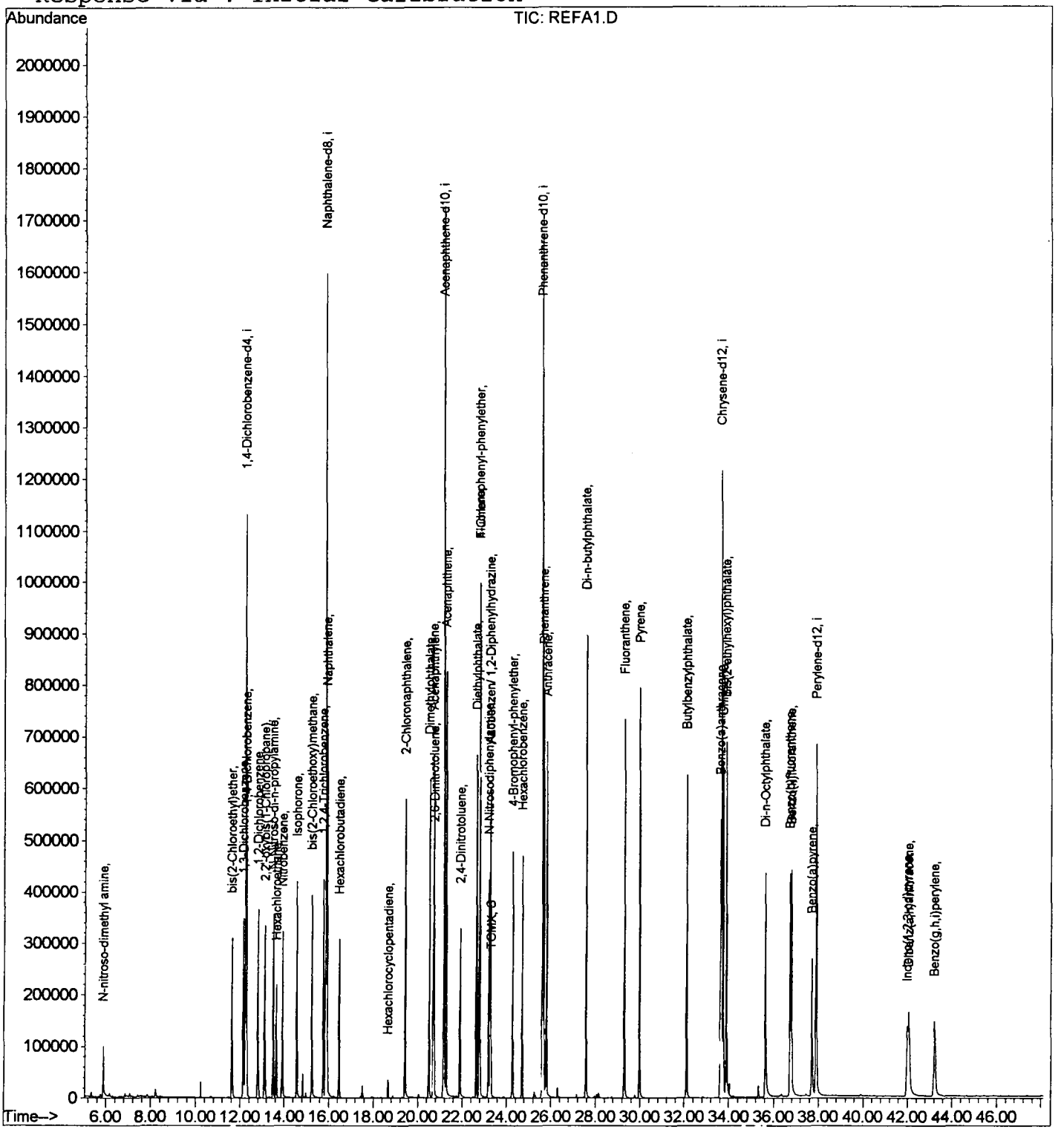
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Hexachlorobenzene	24.71	284	158605	19.22	ug/l	96
34) Phenanthrene	25.67	178	727699	19.62	ug/l	99
35) Anthracene	25.81	178	660295	18.10	ug/l	99
36) Di-n-butylphthalate	27.58	149	1053905	22.71	ug/l	100
37) Fluoranthene	29.30	202	730025	19.56	ug/l	99
40) Pyrene	29.98	202	753635	20.64	ug/l	99
41) Butylbenzylphthalate	32.11	149	354210	19.84	ug/l	98
42) Benzo(a)anthracene	33.61	228	504781	19.93	ug/l	99
43) Bis(2-ethylhexyl)phthalate	33.88	149	466722	20.43	ug/l	100
44) Chrysene	33.74	228	533707	21.25	ug/l	99
46) Di-n-Octylphthalate	35.62	149	606505	17.49	ug/l	99
47) Benzo(b)fluoranthene	36.71	252	420613	18.78	ug/l	99
48) Benzo(k)fluoranthene	36.78	252	450192	20.64	ug/l	99
49) Benzo(a)pyrene	37.70	252	296359	16.05	ug/l	98
50) Indeno(1,2,3-cd)pyrene	41.99	276	322540	17.35	ug/l	99
51) Dibenz(a,h)anthracene	42.07	278	280239	19.77	ug/l	99
52) Benzo(g,h,i)perylene	43.22	276	294076	18.95	ug/l	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1102\REFA1.D Vial: 16
Acq On : 12 Apr 2002 5:08 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:49 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1102\REFA2.D Vial: 17
Acq On : 12 Apr 2002 6:07 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:51 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	447938	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1648215	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	925046	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1333342	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	816232	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	512125	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.31	209	38554	7.75	ug/L	-0.02
Spiked Amount 10.000			Recovery = 77.50%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	110620	11.35	ug/l	99
3) bis(2-Chloroethyl)ether	11.62	93	255918	16.87	ug/l	99
4) 1,3-Dichlorobenzene	12.13	146	207444	13.26	ug/l	99
5) 1,4-Dichlorobenzene	12.27	146	219397	13.93	ug/l	98
6) 1,2-Dichlorobenzene	12.79	146	213945	14.63	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.11	45	368823	17.59	ug/l	100
8) N-Nitroso-di-n-propylamine	13.49	70	171537	17.24	ug/l	97
9) Hexachloroethane	13.64	117	61462	10.65	ug/l	96
11) Nitrobenzene	13.91	77	231661	16.03	ug/l	98
12) Isophorone	14.56	82	442917	16.20	ug/l	100
13) bis(2-Chloroethoxy)methane	15.24	93	308659	17.33	ug/l	99
14) 1,2,4-Trichlorobenzene	15.75	180	184482	14.72	ug/l	99
15) Naphthalene	15.92	128	669148	16.89	ug/l	99
16) Hexachlorobutadiene	16.47	225	69459	11.08	ug/l	98
18) Hexachlorocyclopentadiene	18.66	237	7410	1.81	ug/l #	91
19) 2-Chloronaphthalene	19.42	162	401503	16.46	ug/l	99
20) Dimethylphthalate	20.52	163	544964	19.38	ug/l	99
21) 2,6-Dinitrotoluene	20.73	165	110705	16.46	ug/l	99
22) Acenaphthylene	20.70	152	623224	18.26	ug/l	99
23) Acenaphthene	21.26	153	443135	18.26	ug/l	99
24) 2,4-Dinitrotoluene	21.89	165	140751	15.90	ug/l	97
25) Diethylphthalate	22.65	149	533982	19.79	ug/l	100
26) 4-Chlorophenyl-phenylether	22.80	204	224033	18.72	ug/l	100
27) Fluorene	22.78	166	489615	19.06	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.26	77	480278	16.82	ug/L	99
31) N-Nitrosodiphenylamine	23.19	168	138866	12.52	ug/l	99
32) 4-Bromophenyl-phenylether	24.27	248	123233	19.04	ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1102\REFA2.D Vial: 17
Acq On : 12 Apr 2002 6:07 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:51 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.70	284	150172	19.61	ug/l		99
34)	Phenanthrene	25.68	178	674699	19.59	ug/l		99
35)	Anthracene	25.80	178	604788	17.86	ug/l		100
36)	Di-n-butylphthalate	27.58	149	977609	22.69	ug/l		99
37)	Fluoranthene	29.29	202	657327	18.98	ug/l		100
40)	Pyrene	29.97	202	679023	20.71	ug/l		100
41)	Butylbenzylphthalate	32.10	149	317742	19.81	ug/l		100
42)	Benzo(a)anthracene	33.61	228	442012	19.43	ug/l		98
43)	Bis(2-ethylhexyl)phthalate	33.88	149	425877	20.76	ug/l		98
44)	Chrysene	33.74	228	468726	20.78	ug/l		99
46)	Di-n-Octylphthalate	35.62	149	542160	17.92	ug/l	#	98
47)	Benzo(b)fluoranthene	36.71	252	357328	18.28	ug/l		98
48)	Benzo(k)fluoranthene	36.78	252	400232	21.03	ug/l		98
49)	Benzo(a)pyrene	37.70	252	247985	15.39	ug/l		99
50)	Indeno(1,2,3-cd)pyrene	41.99	276	277509	17.10	ug/l		100
51)	Dibenz(a,h)anthracene	42.06	278	238773	19.30	ug/l		99
52)	Benzo(g,h,i)perylene	43.23	276	255789	18.88	ug/l		98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1102\REFA2.D Vial: 17
Acq On : 12 Apr 2002 6:07 am Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 11:51 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration