User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/02/2002 Time: 10:40:20

Sample: AE07484
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/26/20 00:08 Ended: 4/26/20 00:08 Analyst: MG
Result source: c:\hpchem\1\data\apr2502\refb1.d\refb1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		10	2.0
2	bis(2-Chloroethyl)ether		14	2.0
3	1,3-Dichlorobenzene		12	2.0
4	1,4-Dichlorobenzene		12	2.0
5	1,2-Dichlorobenzene		13	2.0
6	2,2-oxybis(1-Chloropropane)		14	2.0
7	n-Nitrosodi-n-propylamine		14	2.0
8	Hexachloroethane		8.7	2.0
9	Nitrobenzene		14	2.0
10	Isophorone		16	2.0
11	bis(2-Chloroethoxy)methane		15	2.0
12	1,2,4-Trichlorobenzene		14	2.0
13	Naphthalene		15	2.0
14	Hexachlorobutadiene		8.4	2.0
15	2-Chloronaphthalene		15	2.0
16	Dimethylphthalate		17	2.0
17	2,6-Dinitrotoluene		14	2.0
18	Acenaphthylene		17	2.0
19	Acenaphthene		16	2.0
20	2,4-Dinitrotoluene		14	2.0
21	Diethylphthalate		17	2.0
22	4-Chlorophenylphenylether		18	2.0
23	Fluorene		17	2.0
24	Azobenzene		14	2.0
25	n-Nitrosodiphenylamine		15	2.0
26	4-Bromophenylphenylether		18	2.0
27	Hexachlorobenzene		18	2.0
28	Phenanthrene		17	2.0
29	Anthracene		17	2.0
30	Di-n-butylphthalate		16	2.0
31	Fluoranthene		16	2.0
32	Pyrene		18	2.0
33	Butylbenzylphthalate		14	2.0
34	Benzo(a)anthracene		17	2.0
35	bis(2-Ethylhexyl)phthalate		13	2.0
36	Chrysene		18	2.0
37	Di-n-octylphthalate		11	2.0
38	Benzo(b)fluoranthene		15	2.0
39	Benzo(k)fluoranthene		20	2.0
40	Benzo(a)pyrene		15	2.0
41	Indeno(1,2,3-cd)pyrene		14	2.0
42	Dibenz(a,h)anthracene		15	2.0
43	Benzo(g,h,i)perylene		14	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/02/2002 Time: 10:40:33

Sample: AE07484
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/26/20 00:08 Ended: 4/26/20 00:08 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		50	2.0
2	bis(2-Chloroethyl)ether		70	2.0
3	1,3-Dichlorobenzene		60	2.0
4	1,4-Dichlorobenzene		60	2.0
5	1,2-Dichlorobenzene		65	2.0
6	2,2-oxybis(1-Chloropropane)		70	2.0
7	n-Nitrosodi-n-propylamine		70	2.0
8	Hexachloroethane		44	2.0
9	Nitrobenzene		70	2.0
10	Isophorone		80	2.0
11	bis(2-Chloroethoxy)methane		75	2.0
12	1,2,4-Trichlorobenzene		70	2.0
13	Naphthalene		75	2.0
14	Hexachlorobutadiene		42	2.0
15	2-Chloronaphthalene		75	2.0
16	Dimethylphthalate		85	2.0
17	2,6-Dinitrotoluene		70	2.0
18	Acenaphthylene		85	2.0
19	Acenaphthene		80	2.0
20	2,4-Dinitrotoluene		70	2.0
21	Diethylphthalate		85	2.0
22	4-Chlorophenylphenylether		90	2.0
23	Fluorene		85	2.0
24	Azobenzene		70	2.0
25	n-Nitrosodiphenylamine		75	2.0
26	4-Bromophenylphenylether		90	2.0
27	Hexachlorobenzene		90	2.0
28	Phenanthrene		85	2.0
29	Anthracene		85	2.0
30	Di-n-butylphthalate		80	2.0
31	Fluoranthene		80	2.0
32	Pyrene		90	2.0
33	Butylbenzylphthalate		70	2.0
34	Benzo(a)anthracene		85	2.0
35	bis(2-Ethylhexyl)phthalate		65	2.0
36	Chrysene		90	2.0
37				
38	Benzo(b)fluoranthene		75	2.0
39	Benzo(k)fluoranthene		100	2.0
40	Benzo(a)pyrene		75	2.0
41	Indeno(1,2,3-cd)pyrene		70	2.0
42	Dibenz(a,h)anthracene		75	2.0
43	Benzo(g,h,i)perylene		70	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFB1.D Vial: 4
Acq On : 26 Apr 2002 8:25 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:21 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	412479	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1484154	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	835069	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1222289	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	736918	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	446865	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	40478	9.59	ug/L	-0.04
Spiked Amount 10.000			Recovery = 95.90%			
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	5.86	74	85714	9.55	ug/l	99
3) bis(2-Chloroethyl)ether	11.61	93	194682	13.93	ug/l	99
4) 1,3-Dichlorobenzene	12.11	146	166171	11.53	ug/l	97
5) 1,4-Dichlorobenzene	12.25	146	175828	12.13	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	175175	13.01	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	273316	14.16	ug/l	97
8) N-Nitroso-di-n-propylamine	13.47	70	132087	14.41	ug/l	99
9) Hexachloroethane	13.62	117	46464	8.75	ug/l	98
11) Nitrobenzene	13.89	77	179582	13.80	ug/l	97
12) Isophorone	14.54	82	405606	16.47	ug/l	98
13) bis(2-Chloroethoxy)methane	15.22	93	237180	14.79	ug/l	100
14) 1,2,4-Trichlorobenzene	15.73	180	157369	13.95	ug/l	98
15) Naphthalene	15.90	128	536416	15.03	ug/l	99
16) Hexachlorobutadiene	16.45	225	47573	8.43	ug/l	95
18) Hexachlorocyclopentadiene	18.64	237	22332	6.05	ug/l	99
19) 2-Chloronaphthalene	19.40	162	336210	15.27	ug/l	97
20) Dimethylphthalate	20.50	163	428868	16.89	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	85547	14.09	ug/l	99
22) Acenaphthylene	20.67	152	515783	16.74	ug/l	100
23) Acenaphthene	21.24	153	343900	15.70	ug/l	99
24) 2,4-Dinitrotoluene	21.87	165	110570	13.84	ug/l	100
25) Diethylphthalate	22.63	149	412994	16.96	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	190216	17.60	ug/l	95
27) Fluorene	22.76	166	383489	16.53	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	355243	13.78	ug/L	97
31) N-Nitrosodiphenylamine	23.17	168	154990	15.24	ug/l	99
32) 4-Bromophenyl-phenylether	24.24	248	104600	17.63	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFB1.D Vial: 4
Acq On : 26 Apr 2002 8:25 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:21 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

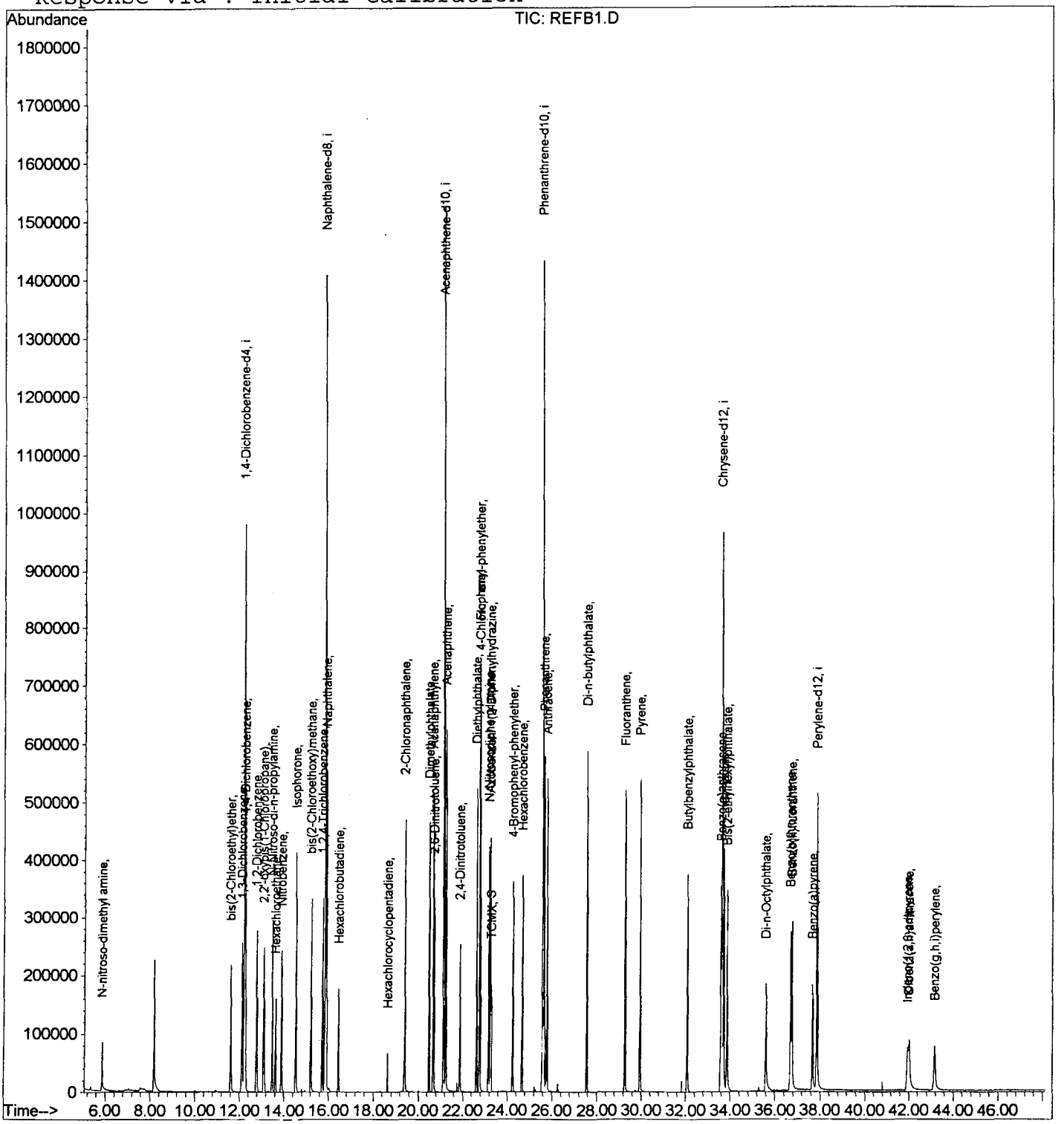
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.68	284	129879	18.50	ug/l	#	92
34)	Phenanthrene	25.65	178	538004	17.04	ug/l		99
35)	Anthracene	25.78	178	516102	16.62	ug/l		100
36)	Di-n-butylphthalate	27.56	149	647072	16.39	ug/l		100
37)	Fluoranthene	29.27	202	507589	15.99	ug/l		95
40)	Pyrene	29.95	202	518155	17.50	ug/l		94
41)	Butylbenzylphthalate	32.08	149	207003	14.30	ug/l		99
42)	Benzo(a)anthracene	33.59	228	339348	16.52	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	244897	13.22	ug/l		98
44)	Chrysene	33.72	228	371822	18.26	ug/l		98
46)	Di-n-Octylphthalate	35.60	149	284871	10.79	ug/l	#	98
47)	Benzo(b)fluoranthene	36.69	252	262145	15.37	ug/l		98
48)	Benzo(k)fluoranthene	36.76	252	329329	19.83	ug/l		98
49)	Benzo(a)pyrene	37.67	252	214346	15.24	ug/l		97
50)	Indeno(1,2,3-cd)pyrene	41.95	276	193002	13.63	ug/l		96
51)	Dibenz(a,h)anthracene	42.02	278	165462	15.33	ug/l		96
52)	Benzo(g,h,i)perylene	43.18	276	165838	14.03	ug/l		94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2502\REFB1.D Vial: 4
Acq On : 26 Apr 2002 8:25 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:21 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFB2.D Vial: 5
Acq On : 26 Apr 2002 9:21 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:23 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	400214	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1451398	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.15	164	825947	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1216343	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	774649	20.00	ug/l	-0.04
45) Perylene-d12	37.86	264	480284	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	36533	8.75	ug/L	-0.04
Spiked Amount 10.000			Recovery = 87.50%			
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	5.86	74	66383	7.62	ug/l	95
3) bis(2-Chloroethyl)ether	11.61	93	167044	12.32	ug/l	98
4) 1,3-Dichlorobenzene	12.11	146	135620	9.70	ug/l	96
5) 1,4-Dichlorobenzene	12.25	146	146617	10.42	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	148137	11.34	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	241424	12.89	ug/l	98
8) N-Nitroso-di-n-propylamine	13.47	70	118101	13.28	ug/l	99
9) Hexachloroethane	13.62	117	41195	7.99	ug/l	98
11) Nitrobenzene	13.89	77	157796	12.40	ug/l	100
12) Isophorone	14.54	82	380077	15.79	ug/l	100
13) bis(2-Chloroethoxy)methane	15.22	93	212263	13.53	ug/l	100
14) 1,2,4-Trichlorobenzene	15.73	180	137828	12.49	ug/l	99
15) Naphthalene	15.90	128	473520	13.57	ug/l	100
16) Hexachlorobutadiene	16.45	225	47279	8.57	ug/l	99
18) Hexachlorocyclopentadiene	18.64	237	19538	5.35	ug/l	96
19) 2-Chloronaphthalene	19.40	162	298286	13.69	ug/l	99
20) Dimethylphthalate	20.49	163	420219	16.73	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	82565	13.75	ug/l	96
22) Acenaphthylene	20.67	152	468770	15.38	ug/l	100
23) Acenaphthene	21.24	153	316777	14.62	ug/l	99
24) 2,4-Dinitrotoluene	21.87	165	108667	13.75	ug/l	95
25) Diethylphthalate	22.62	149	401760	16.68	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	175193	16.39	ug/l	98
27) Fluorene	22.75	166	358631	15.63	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	340087	13.34	ug/L	98
31) N-Nitrosodiphenylamine	23.17	168	148061	14.63	ug/l	96
32) 4-Bromophenyl-phenylether	24.25	248	99729	16.89	ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFB2.D Vial: 5
Acq On : 26 Apr 2002 9:21 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:23 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.68	284	119040	17.04	ug/l		95
34)	Phenanthrene	25.65	178	512808	16.32	ug/l		99
35)	Anthracene	25.78	178	498358	16.13	ug/l		99
36)	Di-n-butylphthalate	27.55	149	649648	16.53	ug/l		100
37)	Fluoranthene	29.27	202	502064	15.89	ug/l		97
40)	Pyrene	29.95	202	510234	16.40	ug/l		96
41)	Butylbenzylphthalate	32.08	149	212450	13.96	ug/l		99
42)	Benzo(a)anthracene	33.59	228	352500	16.33	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	243915	12.53	ug/l		99
44)	Chrysene	33.71	228	391125	18.27	ug/l		99
46)	Di-n-Octylphthalate	35.61	149	287107	10.12	ug/l	#	99
47)	Benzo(b)fluoranthene	36.69	252	270183	14.74	ug/l		98
48)	Benzo(k)fluoranthene	36.75	252	350481	19.63	ug/l		98
49)	Benzo(a)pyrene	37.67	252	223236	14.77	ug/l		98
50)	Indeno(1,2,3-cd)pyrene	41.95	276	204776	13.46	ug/l		94
51)	Dibenz(a,h)anthracene	42.02	278	171952	14.82	ug/l		95
52)	Benzo(g,h,i)perylene	43.18	276	170935	13.46	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2502\REFB2.D Vial: 5
Acq On : 26 Apr 2002 9:21 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:23 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration