User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 15:09:52

Sample: AE06633
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/16/20 00:04 Ended: 4/16/20 00:04 Analyst: MG
Result source: c:\hpchem\1\data\apr1602\ref1.d\ref1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		7.4	2.0
2	bis(2-Chloroethyl)ether		12	2.0
3	1,3-Dichlorobenzene		7.4	2.0
4	1,4-Dichlorobenzene		8.1	2.0
5	1,2-Dichlorobenzene		9.1	2.0
6	2,2-oxybis(1-Chloropropane)		11	2.0
7	n-Nitrosodi-n-propylamine		11.2	2.0
8	Hexachloroethane		4.2	2.0
9	Nitrobenzene		11	2.0
10	Isophorone		11	2.0
11	bis(2-Chloroethoxy)methane		12	2.0
12	1,2,4-Trichlorobenzene		9.8	2.0
13	Naphthalene		12	2.0
14	Hexachlorobutadiene		3.1	2.0
15	2-Chloronaphthalene		12	2.0
16	Dimethylphthalate		13	2.0
17	2,6-Dinitrotoluene		11	2.0
18	Acenaphthylene		13	2.0
19	Acenaphthene		13	2.0
20	2,4-Dinitrotoluene		11	2.0
21	Diethylphthalate		13	2.0
22	4-Chlorophenylphenylether		13.4	2.0
23	Fluorene		13	2.0
24	Azobenzene		11	2.0
25	n-Nitrosodiphenylamine		11	2.0
26	4-Bromophenylphenylether		14	2.0
27	Hexachlorobenzene		13	2.0
28	Phenanthrene		14	2.0
29	Anthracene		12	2.0
30	Di-n-butylphthalate		14	2.0
31	Fluoranthene		13	2.0
32	Pyrene		14	2.0
33	Butylbenzylphthalate		12	2.0
34	Benzo(a)anthracene		13	2.0
35	bis(2-Ethylhexyl)phthalate		15	2.0
36	Chrysene		14	2.0
37	Di-n-octylphthalate		9.9	2.0
38	Benzo(b)fluoranthene		12	2.0
39	Benzo(k)fluoranthene		15	2.0
40	Benzo(a)pyrene		11	2.0
41	Indeno(1,2,3-cd)pyrene		11	2.0
42	Dibenz(a,h)anthracene		13	2.0
43	Benzo(g,h,i)perylene		13	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 15:09:42

Sample: AE06633
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/16/20 00:04 Ended: 4/16/20 00:04 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		37	2.0
2	bis(2-Chloroethyl)ether		60	2.0
3	1,3-Dichlorobenzene		37	2.0
4	1,4-Dichlorobenzene		40	2.0
5	1,2-Dichlorobenzene		46	2.0
6	2,2-oxybis(1-Chloropropane)		55	2.0
7	n-Nitrosodi-n-propylamine	[illegible]	55	2.0
8	Hexachloroethane		21	2.0
9	Nitrobenzene		55	2.0
10	Isophorone	[illegible]	55	2.0
11	bis(2-Chloroethoxy)methane		60	2.0
12	1,2,4-Trichlorobenzene		49	2.0
13	Naphthalene		60	2.0
14	Hexachlorobutadiene		16	2.0
15	2-Chloronaphthalene		60	2.0
16	Dimethylphthalate		65	2.0
17	2,6-Dinitrotoluene		55	2.0
18	Acenaphthylene		65	2.0
19	Acenaphthene		65	2.0
20	2,4-Dinitrotoluene		55	2.0
21	Diethylphthalate		65	2.0
22	4-Chlorophenylphenylether		67	2.0
23	Fluorene		65	2.0
24	Azobenzene		55	2.0
25	n-Nitrosodiphenylamine		55	2.0
26	4-Bromophenylphenylether		70	2.0
27	Hexachlorobenzene		65	2.0
28	Phenanthrene		70	2.0
29	Anthracene		60	2.0
30	Di-n-butylphthalate		70	2.0
31	Fluoranthene		65	2.0
32	Pyrene		70	2.0
33	Butylbenzylphthalate	[illegible]	65	2.0
34	Benzo(a)anthracene		65	2.0
35	bis(2-Ethylhexyl)phthalate		75	2.0
36	Chrysene		70	2.0
37	Di-n-octylphthalate	[illegible]	50	2.0
38	Benzo(b)fluoranthene		60	2.0
39	Benzo(k)fluoranthene		75	2.0
40	Benzo(a)pyrene		55	2.0
41	Indeno(1,2,3-cd)pyrene		55	2.0
42	Dibenz(a,h)anthracene		65	2.0
43	Benzo(g,h,i)perylene		65	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\REF1.D Vial: 4
Acq On : 16 Apr 2002 4:07 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:50 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 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	536688	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1940654	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1101957	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1581907	20.00	ug/l	-0.02
39) Chrysene-d12	33.65	240	1009514	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	635901	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD	30.66	235	81148	4.41	ug/mL	0.16
Spiked Amount 5.000			Recovery = 88.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.86	74	86606	7.41	ug/l	98
3) bis(2-Chloroethyl)ether	11.61	93	212797	11.71	ug/l	98
4) 1,3-Dichlorobenzene	12.11	146	139481	7.44	ug/l	98
5) 1,4-Dichlorobenzene	12.26	146	152216	8.07	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	158650	9.06	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	288565	11.49	ug/l	99
8) N-Nitroso-di-n-propylamine	13.48	70	133165	11.17	ug/l	98
9) Hexachloroethane	13.62	117	29122	4.21	ug/l	90
11) Nitrobenzene	13.89	77	181989	10.70	ug/l	97
12) Isophorone	14.54	82	366363	11.38	ug/l	98
13) bis(2-Chloroethoxy)methane	15.22	93	251860	12.01	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	144081	9.77	ug/l	99
15) Naphthalene	15.90	128	541643	11.61	ug/l	99
16) Hexachlorobutadiene	16.45	225	22551	3.06	ug/l	97
18) Hexachlorocyclopentadiene	18.64	237	5312	1.09	ug/l	96
19) 2-Chloronaphthalene	19.41	162	337082	11.60	ug/l	97
20) Dimethylphthalate	20.49	163	450736	13.45	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	88035	10.99	ug/l	96
22) Acenaphthylene	20.67	152	520378	12.80	ug/l	99
23) Acenaphthene	21.24	153	365465	12.64	ug/l	99
24) 2,4-Dinitrotoluene	21.88	165	111085	10.53	ug/l	99
25) Diethylphthalate	22.63	149	426714	13.28	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	191282	13.41	ug/l	97
27) Fluorene	22.76	166	402237	13.14	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	359643	10.58	ug/L	97
31) N-Nitrosodiphenylamine	23.17	168	139662	10.61	ug/l	98
32) 4-Bromophenyl-phenylether	24.24	248	106272	13.84	ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\REF1.D Vial: 4
Acq On : 16 Apr 2002 4:07 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:50 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

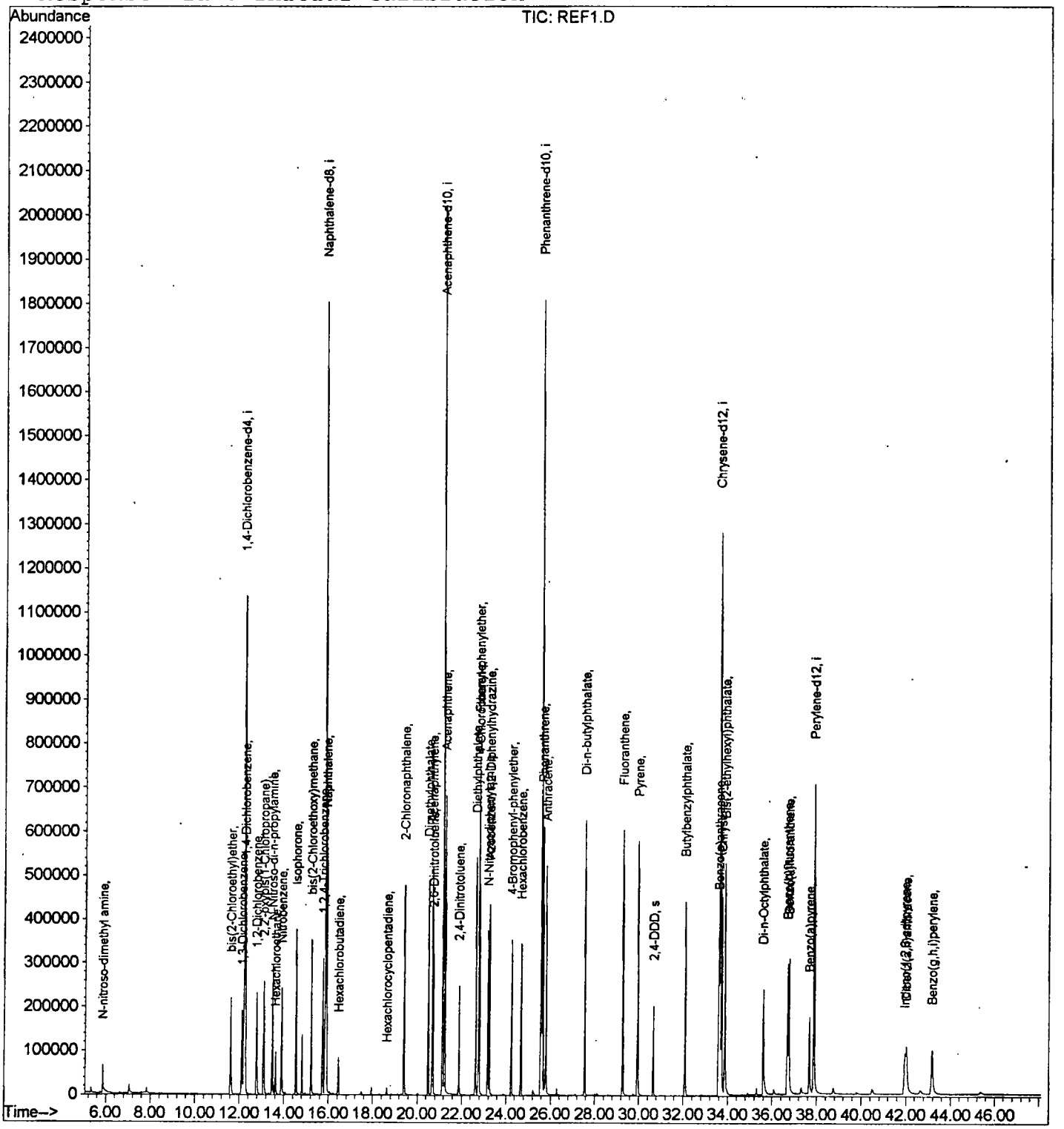
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.69	284	121350	13.36	ug/l	#	93
34)	Phenanthrene	25.66	178	559923	13.70	ug/l		99
35)	Anthracene	25.79	178	495512	12.33	ug/l		100
36)	Di-n-butylphthalate	27.56	149	695299	13.60	ug/l		99
37)	Fluoranthene	29.28	202	541803	13.18	ug/l		96
40)	Pyrene	29.95	202	560949	13.83	ug/l		97
41)	Butylbenzylphthalate	32.08	149	245823	12.39	ug/l		97
42)	Benzo(a)anthracene	33.59	228	357056	12.69	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.87	149	384171	15.14	ug/l		97
44)	Chrysene	33.72	228	396865	14.23	ug/l		100
46)	Di-n-Octylphthalate	35.60	149	373778	9.95	ug/l		99
47)	Benzo(b)fluoranthene	36.69	252	292179	12.04	ug/l		97
48)	Benzo(k)fluoranthene	36.76	252	354128	14.98	ug/l		98
49)	Benzo(a)pyrene	37.68	252	210288	10.51	ug/l		99
50)	Indeno(1,2,3-cd)pyrene	41.95	276	228087	11.32	ug/l		98
51)	Dibenz(a,h)anthracene	42.03	278	199101	12.96	ug/l		97
52)	Benzo(g,h,i)perylene	43.18	276	213254	12.68	ug/l		96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1602\REF1.D Vial: 4
Acq On : 16 Apr 2002 4:07 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 11:50 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\REF2.D Vial: 5
Acq On : 16 Apr 2002 5:06 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 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 : Wed Apr 17 11:48:30 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	544978	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1957594	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1100291	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1599134	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1092730	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	751615	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount 10.000			Recovery =	0.00%		
38) 2,4-DDD	30.66	235	88479	4.75	ug/mL	0.17
Spiked Amount 5.000			Recovery =	95.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	99772	8.41	ug/l	99
3) bis(2-Chloroethyl)ether	11.61	93	239707	12.98	ug/l	99
4) 1,3-Dichlorobenzene	12.11	146	106113	5.57	ug/l	99
5) 1,4-Dichlorobenzene	12.26	146	122027	6.37	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	132542	7.45	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	320015	12.55	ug/l	98
8) N-Nitroso-di-n-propylamine	13.48	70	150883	12.46	ug/l	97
9) Hexachloroethane	13.62	117	17811	2.54	ug/l	96
11) Nitrobenzene	13.89	77	204376	11.91	ug/l	98
12) Isophorone	14.54	82	412428	12.70	ug/l	100
13) bis(2-Chloroethoxy)methane	15.22	93	280797	13.27	ug/l	100
14) 1,2,4-Trichlorobenzene	15.73	180	118184	7.94	ug/l	99
15) Naphthalene	15.90	128	550864	11.70	ug/l	99
16) Hexachlorobutadiene	16.44	225	13335	1.79	ug/l	99
18) Hexachlorocyclopentadiene	18.64	237	3949	0.81	ug/l	98
19) 2-Chloronaphthalene	19.40	162	341973	11.78	ug/l	99
20) Dimethylphthalate	20.49	163	486218	14.53	ug/l	98
21) 2,6-Dinitrotoluene	20.71	165	97266	12.16	ug/l	93
22) Acenaphthylene	20.68	152	552984	13.62	ug/l	100
23) Acenaphthene	21.24	153	380574	13.19	ug/l	100
24) 2,4-Dinitrotoluene	21.88	165	124900	11.86	ug/l	98
25) Diethylphthalate	22.62	149	464643	14.48	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	197106	13.84	ug/l	98
27) Fluorene	22.76	166	432764	14.16	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.25	77	396390	11.67	ug/L	95
31) N-Nitrosodiphenylamine	23.17	168	156997	11.80	ug/l	96
32) 4-Bromophenyl-phenylether	24.25	248	112662	14.51	ug/l	94

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1602\REF2.D Vial: 5
Acq On : 16 Apr 2002 5:06 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 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 : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	24.68	284	118784	12.93 ug/l	98
34)	Phenanthrene	25.65	178	608546	14.73 ug/l	99
35)	Anthracene	25.79	178	545229	13.42 ug/l	100
36)	Di-n-butylphthalate	27.56	149	761493	14.74 ug/l	100
37)	Fluoranthene	29.28	202	594710	14.32 ug/l	96
40)	Pyrene	29.95	202	623193	14.20 ug/l	100
41)	Butylbenzylphthalate	32.09	149	278897	12.99 ug/l	94
42)	Benzo(a)anthracene	33.59	228	434487	14.27 ug/l	99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	433619	15.79 ug/l	98
44)	Chrysene	33.72	228	475943	15.76 ug/l	99
46)	Di-n-Octylphthalate	35.60	149	475275	10.70 ug/l	100
47)	Benzo(b)fluoranthene	36.70	252	382864	13.35 ug/l	98
48)	Benzo(k)fluoranthene	36.76	252	446604	15.99 ug/l	98
49)	Benzo(a)pyrene	37.68	252	271121	11.46 ug/l	99
50)	Indeno(1,2,3-cd)pyrene	41.96	276	308483	12.95 ug/l	97
51)	Dibenz(a,h)anthracene	42.03	278	268724	14.80 ug/l	97
52)	Benzo(g,h,i)perylene	43.19	276	293451	14.76 ug/l	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1602\REF2.D Vial: 5
Acq On : 16 Apr 2002 5:06 pm Operator:
Sample : gc/ms scan 3/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 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 : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration