User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 12:36:07

Sample: AE06430
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/17/20 00:02 Ended: 4/17/20 00:02 Analyst: MG
Result source: c:\hpchem\1\data\apr1702\ref2.d\ref2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		9	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		13	2.0
8	Hexachloroethane		8.7	2.0
9	Nitrobenzene		13	2.0
10	Isophorone		14	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		9.3	2.0
15	2-Chloronaphthalene		15	2.0
16	Dimethylphthalate		16	2.0
17	2,6-Dinitrotoluene		12	2.0
18	Acenaphthylene		15	2.0
19	Acenaphthene		16	2.0
20	2,4-Dinitrotoluene		11	2.0
21	Diethylphthalate		16	2.0
22	4-Chlorophenylphenylether		18	2.0
23	Fluorene		17	2.0
24	Azobenzene		13	2.0
25	n-Nitrosodiphenylamine		10	2.0
26	4-Bromophenylphenylether		18	2.0
27	Hexachlorobenzene		18	2.0
28	Phenanthrene		17	2.0
29	Anthracene		15	2.0
30	Di-n-butylphthalate		17	2.0
31	Fluoranthene		17	2.0
32	Pyrene		17	2.0
33	Butylbenzylphthalate		15	2.0
34	Benzo(a)anthracene		17	2.0
35	bis(2-Ethylhexyl)phthalate		14	2.0
36	Chrysene		18	2.0
37	Di-n-octylphthalate		11	2.0
38	Benzo(b)fluoranthene		16	2.0
39	Benzo(k)fluoranthene		18	2.0
40	Benzo(a)pyrene		13	2.0
41	Indeno(1,2,3-cd)pyrene		16	2.0
42	Dibenz(a,h)anthracene		19	2.0
43	Benzo(g,h,i)perylene		18	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 12:36:18

Sample: AE06430
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/17/20 00:02 Ended: 4/17/20 00:02 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		45	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		65	2.0
8	Hexachloroethane		44	2.0
9	Nitrobenzene		65	2.0
10	Isophorone		70	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		46	2.0
15	2-Chloronaphthalene		75	2.0
16	Dimethylphthalate		80	2.0
17	2,6-Dinitrotoluene		60	2.0
18	Acenaphthylene		75	2.0
19	Acenaphthene		80	2.0
20	2,4-Dinitrotoluene		55	2.0
21	Diethylphthalate		80	2.0
22	4-Chlorophenylphenylether		90	2.0
23	Fluorene		85	2.0
24	Azobenzene		65	2.0
25	n-Nitrosodiphenylamine		50	2.0
26	4-Bromophenylphenylether		90	2.0
27	Hexachlorobenzene		90	2.0
28	Phenanthrene		85	2.0
29	Anthracene		75	2.0
30	Di-n-butylphthalate		85	2.0
31	Fluoranthene		85	2.0
32	Pyrene		85	2.0
33	Butylbenzylphthalate		75	2.0
34	Benzo(a)anthracene		85	2.0
35	bis(2-Ethylhexyl)phthalate		70	2.0
36	Chrysene		90	2.0
37	[redacted]	[redacted]	[redacted]	[redacted]
38	Benzo(b)fluoranthene		80	2.0
39	Benzo(k)fluoranthene		90	2.0
40	Benzo(a)pyrene		65	2.0
41	Indeno(1,2,3-cd)pyrene		80	2.0
42	Dibenz(a,h)anthracene		95	2.0
43	Benzo(g,h,i)perylene		90	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\REF2.D Vial: 5
Acq On : 17 Apr 2002 12:09 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 15:37 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	448779	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1586782	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	886083	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1281914	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	823109	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	532398	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	80081	5.37	ug/mL	0.17
Spiked Amount 5.000			Recovery = 107.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	83132	8.51	ug/l	97
3) bis(2-Chloroethyl)ether	11.61	93	216625	14.25	ug/l	99
4) 1,3-Dichlorobenzene	12.11	146	182759	11.66	ug/l	96
5) 1,4-Dichlorobenzene	12.26	146	187795	11.90	ug/l	98
6) 1,2-Dichlorobenzene	12.77	146	187154	12.78	ug/l	97
7) 2,2'-oxybis(1-Chloropropan	13.09	45	302420	14.40	ug/l	100
8) N-Nitroso-di-n-propylamine	13.48	70	132659	13.31	ug/l	98
9) Hexachloroethane	13.62	117	50377	8.72	ug/l	97
11) Nitrobenzene	13.89	77	182848	13.14	ug/l	100
12) Isophorone	14.54	82	355905	13.52	ug/l	99
13) bis(2-Chloroethoxy)methane	15.22	93	260075	15.17	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	164713	13.65	ug/l	99
15) Naphthalene	15.90	128	579873	15.20	ug/l	99
16) Hexachlorobutadiene	16.44	225	56350	9.34	ug/l	99
18) Hexachlorocyclopentadiene	18.64	237	9079	2.32	ug/l	98
19) 2-Chloronaphthalene	19.40	162	354807	15.18	ug/l	99
20) Dimethylphthalate	20.49	163	443709	16.47	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	78566	12.20	ug/l	96
22) Acenaphthylene	20.68	152	505997	15.48	ug/l	100
23) Acenaphthene	21.24	153	382331	16.45	ug/l	99
24) 2,4-Dinitrotoluene	21.88	165	92845	10.95	ug/l	99
25) Diethylphthalate	22.62	149	426114	16.49	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	204899	17.87	ug/l	98
27) Fluorene	22.76	166	416995	16.94	ug/l	96
29) Azobenzen/ 1,2-Diphenylhyd	23.25	77	362035	13.24	ug/L	96
31) N-Nitrosodiphenylamine	23.17	168	108093	10.14	ug/l	98
32) 4-Bromophenyl-phenylether	24.25	248	110294	17.72	ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\REF2.D Vial: 5
Acq On : 17 Apr 2002 12:09 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 15:37 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	135433	18.39	ug/l	99
34)	Phenanthrene	25.65	178	576517	17.41	ug/l	100
35)	Anthracene	25.79	178	499497	15.34	ug/l	99
36)	Di-n-butylphthalate	27.56	149	687044	16.59	ug/l	99
37)	Fluoranthene	29.28	202	558974	16.78	ug/l	94
40)	Pyrene	29.95	202	575304	17.40	ug/l	98
41)	Butylbenzylphthalate	32.08	149	237476	14.69	ug/l	99
42)	Benzo(a)anthracene	33.58	228	380364	16.58	ug/l	99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	299508	14.48	ug/l	98
44)	Chrysene	33.71	228	418711	18.41	ug/l	100
46)	Di-n-Octylphthalate	35.60	149	342620	10.89	ug/l	99
47)	Benzo(b)fluoranthene	36.69	252	329581	16.22	ug/l	98
48)	Benzo(k)fluoranthene	36.76	252	363792	18.39	ug/l	98
49)	Benzo(a)pyrene	37.67	252	216766	12.94	ug/l	99
50)	Indeno(1,2,3-cd)pyrene	41.96	276	277356	16.44	ug/l	98
51)	Dibenz(a,h)anthracene	42.03	278	245206	19.06	ug/l	97
52)	Benzo(g,h,i)perylene	43.18	276	249687	17.73	ug/l	99

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

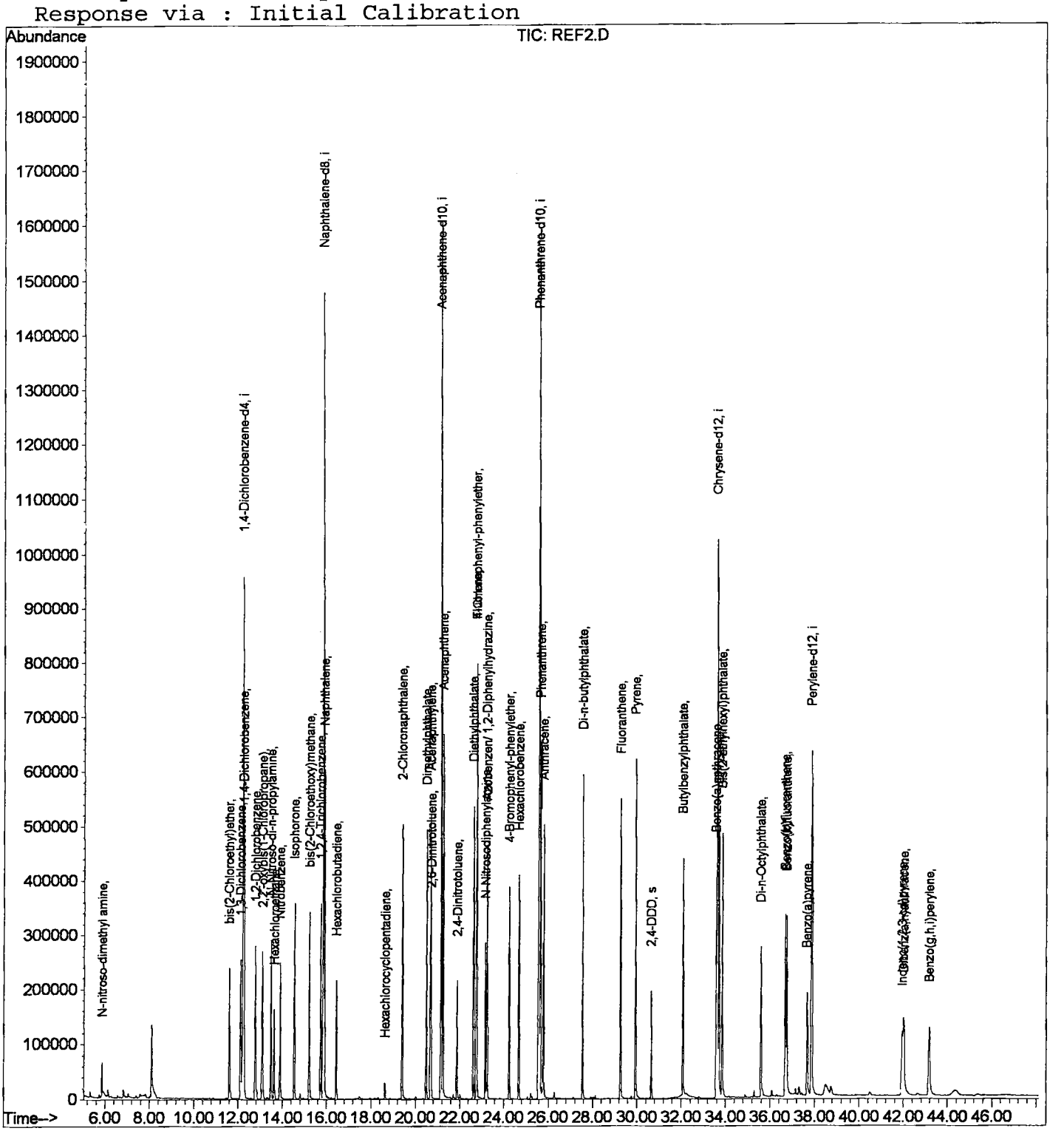
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\REF2.D
Acq On : 17 Apr 2002 12:09 pm
Sample : gc/ms scan 3/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 17 15:37 2002

Vial: 5
Operator:
Inst : 209
Multiplr: 1.00

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\APR1702\REF1.D Vial: 4
Acq On : 17 Apr 2002 11:11 am Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 15:35 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	501862	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1764033	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	978020	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1372229	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	783875	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	467419	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	58580	3.67	ug/mL	0.17
Spiked Amount 5.000			Recovery = 73.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.88	74	70450	6.45	ug/l	98
3) bis(2-Chloroethyl)ether	11.62	93	167125	9.83	ug/l	99
4) 1,3-Dichlorobenzene	12.11	146	146191	8.34	ug/l	100
5) 1,4-Dichlorobenzene	12.26	146	152307	8.63	ug/l	98
6) 1,2-Dichlorobenzene	12.77	146	150523	9.19	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.09	45	233401	9.94	ug/l	98
8) N-Nitroso-di-n-propylamine	13.48	70	101870	9.14	ug/l	98
9) Hexachloroethane	13.63	117	42810	6.62	ug/l	98
11) Nitrobenzene	13.89	77	138828	8.98	ug/l	99
12) Isophorone	14.54	82	269399	9.21	ug/l	99
13) bis(2-Chloroethoxy)methane	15.22	93	196676	10.32	ug/l	100
14) 1,2,4-Trichlorobenzene	15.74	180	130464	9.73	ug/l	98
15) Naphthalene	15.90	128	451441	10.64	ug/l	99
16) Hexachlorobutadiene	16.44	225	47360	7.06	ug/l	99
18) Hexachlorocyclopentadiene	18.64	237	6510	1.51	ug/l	89
19) 2-Chloronaphthalene	19.41	162	274790	10.65	ug/l	97
20) Dimethylphthalate	20.49	163	342540	11.52	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	57272	8.06	ug/l	95
22) Acenaphthylene	20.68	152	392251	10.87	ug/l	100
23) Acenaphthene	21.24	153	292268	11.39	ug/l	100
24) 2,4-Dinitrotoluene	21.88	165	61696	6.59	ug/l	97
25) Diethylphthalate	22.62	149	325465	11.41	ug/l	98
26) 4-Chlorophenyl-phenylether	22.78	204	155296	12.27	ug/l	99
27) Fluorene	22.76	166	315358	11.61	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.25	77	272441	9.03	ug/L	95
31) N-Nitrosodiphenylamine	23.17	168	77602	6.80	ug/l	96
32) 4-Bromophenyl-phenylether	24.25	248	82833	12.43	ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\REF1.D Vial: 4
Acq On : 17 Apr 2002 11:11 am Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 15:35 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	105141	13.34	ug/l		98
34)	Phenanthrene	25.65	178	434632	12.26	ug/l		99
35)	Anthracene	25.78	178	365561	10.49	ug/l		99
36)	Di-n-butylphthalate	27.56	149	524368	11.83	ug/l		99
37)	Fluoranthene	29.28	202	402139	11.28	ug/l		95
40)	Pyrene	29.95	202	412292	13.09	ug/l		98
41)	Butylbenzylphthalate	32.08	149	172190	11.18	ug/l		100
42)	Benzo(a)anthracene	33.58	228	243055	11.13	ug/l		98
43)	Bis(2-ethylhexyl)phthalate	33.86	149	207971	10.55	ug/l		97
44)	Chrysene	33.71	228	273411	12.62	ug/l		99
46)	Di-n-Octylphthalate	35.59	149	212103	7.68	ug/l	#	98
47)	Benzo(b)fluoranthene	36.69	252	201270	11.28	ug/l		99
48)	Benzo(k)fluoranthene	36.75	252	216823	12.48	ug/l		97
49)	Benzo(a)pyrene	37.67	252	126447	8.60	ug/l		99
50)	Indeno(1,2,3-cd)pyrene	41.95	276	148606	10.03	ug/l		99
51)	Dibenz(a,h)anthracene	42.02	278	131657	11.66	ug/l		97
52)	Benzo(g,h,i)perylene	43.18	276	145475	11.77	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\REF1.D
Acq On : 17 Apr 2002 11:11 am
Sample : gc/ms scan 3/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 17 15:35 2002

Vial: 4
Operator:
Inst : 209
Multiplr: 1.00
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