User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 14:10:07

Sample: AE07311
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/3/20 00:04 Ended: 4/3/20 00:04 Analyst: MG
Result source: c:\hpchem\1\data\apr0302\ref2.d\ref2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		8	2.0
2	bis(2-Chloroethyl)ether		12	2.0
3	1,3-Dichlorobenzene		5.8	2.0
4	1,4-Dichlorobenzene		6.6	2.0
5	1,2-Dichlorobenzene		7.4	2.0
6	2,2-oxybis(1-Chloropropane)		13	2.0
7	n-Nitrosodi-n-propylamine		12.9	2.0
8	Hexachloroethane		2.7	2.0
9	Nitrobenzene		12	2.0
10	Isophorone		11	2.0
11	bis(2-Chloroethoxy)methane		12	2.0
12	1,2,4-Trichlorobenzene		6.3	2.0
13	Naphthalene		10	2.0
14	Hexachlorobutadiene		1.6	2.0
15	2-Chloronaphthalene		9.2	2.0
16	Dimethylphthalate		14	2.0
17	2,6-Dinitrotoluene		12	2.0
18	Acenaphthylene		12	2.0
19	Acenaphthene		11	2.0
20	2,4-Dinitrotoluene		11	2.0
21	Diethylphthalate		14	2.0
22	4-Chlorophenylphenylether		10.8	2.0
23	Fluorene		12	2.0
24	Azobenzene/1,2-Diphenylhydra		11	2.0
25	n-Nitrosodiphenylamine		10	2.0
26	4-Bromophenylphenylether		11.5	2.0
27	Hexachlorobenzene		13	2.0
28	Phenanthrene		13	2.0
29	Anthracene		12	2.0
30	Di-n-butylphthalate		15	2.0
31	Fluoranthene		13	2.0
32	Pyrene		14	2.0
33	Butylbenzylphthalate		14	2.0
34	Benzo(a)anthracene		13	2.0
35	bis(2-Ethylhexyl)phthalate		20	2.0
36	Chrysene		15	2.0
37	Di-n-octylphthalate		12	2.0
38	Benzo(b)fluoranthene		14	2.0
39	Benzo(k)fluoranthene		14	2.0
40	Benzo(a)pyrene		11	2.0
41	Indeno(1,2,3-cd)pyrene		12	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: 04/09/2002 Time: 14:11:05

Sample: AE07311
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/3/20 00:04 Ended: 4/3/20 00:04 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine	USPEC	80	2.0
2	bis(2-Chloroethyl)ether	USPEC	120	2.0
3	1,3-Dichlorobenzene		58	2.0
4	1,4-Dichlorobenzene		66	2.0
5	1,2-Dichlorobenzene		74	2.0
6	2,2-oxybis(1-Chloropropane)	USPEC	130	2.0
7	n-Nitrosodi-n-propylamine		130	2.0
8	Hexachloroethane		27	2.0
9	Nitrobenzene	USPEC	120	2.0
10	Isophorone		110	2.0
11	bis(2-Chloroethoxy)methane	USPEC	120	2.0
12	1,2,4-Trichlorobenzene		63	2.0
13	Naphthalene		100	2.0
14	Hexachlorobutadiene		16	2.0
15	2-Chloronaphthalene		92	2.0
16	Dimethylphthalate	USPEC	140	2.0
17	2,6-Dinitrotoluene	USPEC	120	2.0
18	Acenaphthylene	USPEC	120	2.0
19	Acenaphthene		110	2.0
20	2,4-Dinitrotoluene	USPEC	110	2.0
21	Diethylphthalate	USPEC	140	2.0
22	4-Chlorophenylphenylether		110	2.0
23	Fluorene		120	2.0
24	Azobenzene/1,2-Diphenylhydra		110	2.0
25	n-Nitrosodiphenylamine		100	2.0
26	4-Bromophenylphenylether		120	2.0
27	Hexachlorobenzene	USPEC	130	2.0
28	Phenanthrene		130	2.0
29	Anthracene		120	2.0
30	Di-n-butylphthalate	USPEC	150	2.0
31	Fluoranthene		130	2.0
32	Pyrene	USPEC	140	2.0
33	Butylbenzylphthalate	USPEC	140	2.0
34	Benzo(a)anthracene	USPEC	130	2.0
35	bis(2-Ethylhexyl)phthalate	USPEC	200	2.0
36	Chrysene	USPEC	150	2.0
37	Di-n-octylphthalate	USPEC	120	2.0
38	Benzo(b)fluoranthene	USPEC	140	2.0
39	Benzo(k)fluoranthene		140	2.0
40	Benzo(a)pyrene	USPEC	110	2.0
41	Indeno(1,2,3-cd)pyrene	USPEC	120	2.0
42	Dibenz(a,h)anthracene	USPEC	130	2.0
43	Benzo(g,h,i)perylene	USPEC	130	2.0

23/43

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0302\REF2.D Vial: 5
Acq On : 3 Apr 2002 4:36 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:39 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	395748	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1458092	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	838679	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1188503	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	626989	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	334200	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	24940	4.41	ug/mL	0.00
Spiked Amount 4.000			Recovery = 110.25%			
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	5.89	74	85779	8.02	ug/l	99
3) bis(2-Chloroethyl)ether	11.64	93	211231	12.17	ug/l	98
4) 1,3-Dichlorobenzene	12.14	146	106637	5.76	ug/l	98
5) 1,4-Dichlorobenzene	12.29	146	122048m	6.55	ug/l	
6) 1,2-Dichlorobenzene	12.81	146	129484	7.43	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.13	45	292949	12.62	ug/l	98
8) N-Nitroso-di-n-propylamine	13.51	70	141604	12.89	ug/l	99
9) Hexachloroethane	13.66	117	17979	2.65	ug/l	99
11) Nitrobenzene	13.93	77	189649	11.53	ug/l	98
12) Isophorone	14.58	82	350565	11.44	ug/l	99
13) bis(2-Chloroethoxy)methane	15.26	93	254147	12.47	ug/l	99
14) 1,2,4-Trichlorobenzene	15.77	180	96036	6.32	ug/l	96
15) Naphthalene	15.94	128	479451	10.33	ug/l	99
16) Hexachlorobutadiene	16.49	225	11968	1.55	ug/l	99
18) Hexachlorocyclopentadiene	18.68	237	2618	0.49	ug/l	91
19) 2-Chloronaphthalene	19.44	162	268411	9.20	ug/l	99
20) Dimethylphthalate	20.54	163	461204	13.68	ug/l	100
21) 2,6-Dinitrotoluene	20.75	165	92645	11.65	ug/l	89
22) Acenaphthylene	20.72	152	474723	11.68	ug/l	100
23) Acenaphthene	21.28	153	315852	10.93	ug/l	98
24) 2,4-Dinitrotoluene	21.92	165	115568	11.35	ug/l	97
25) Diethylphthalate	22.66	149	443087	13.98	ug/l	99
26) 4-Chlorophenyl-phenylether	22.82	204	158713	10.81	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0302\REF2.D Vial: 5
Acq On : 3 Apr 2002 4:36 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:39 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

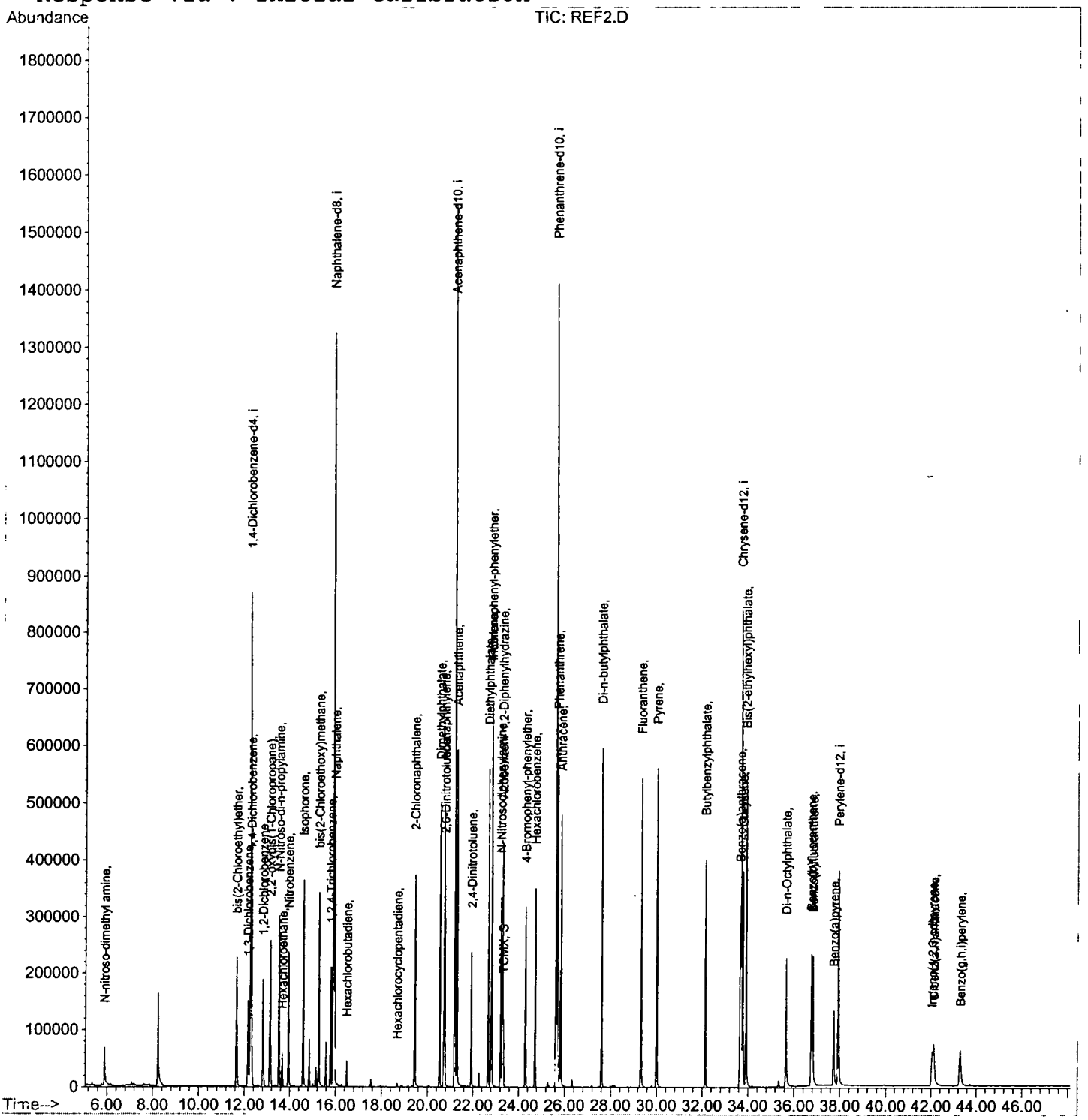
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
27)	Fluorene	22.80	166	365715	11.89	ug/l		99
29)	Azobenzen/ 1,2-Diphenylhyd	23.29	77	353216	11.27	ug/L		98
31)	N-Nitrosodiphenylamine	23.22	168	132993	10.29	ug/l		97
32)	4-Bromophenyl-phenylether	24.29	248	90119	11.53	ug/l		98
33)	Hexachlorobenzene	24.73	284	119856	12.82	ug/l		96
34)	Phenanthrene	25.69	178	529065	13.07	ug/l		99
35)	Anthracene	25.83	178	478559	12.17	ug/l		99
36)	Di-n-butylphthalate	27.60	149	711979	14.61	ug/l		100
37)	Fluoranthene	29.32	202	521267	13.18	ug/l		99
40)	Pyrene	30.00	202	535936	14.32	ug/l		100
41)	Butylbenzylphthalate	32.13	149	222866	13.79	ug/l		99
42)	Benzo(a)anthracene	33.64	228	305552	13.47	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.90	149	362295	19.52	ug/l		100
44)	Chrysene	33.76	228	338199	14.76	ug/l		99
46)	Di-n-Octylphthalate	35.65	149	293576	11.92	ug/l	#	98
47)	Benzo(b)fluoranthene	36.74	252	240224	14.06	ug/l		98
48)	Benzo(k)fluoranthene	36.81	252	252875	14.34	ug/l		98
49)	Benzo(a)pyrene	37.73	252	153672	11.09	ug/l		99
50)	Indeno(1,2,3-cd)pyrene	42.04	276	149031	11.83	ug/l		100
51)	Dibenz(a,h)anthracene	42.13	278	130165	13.24	ug/l		99
52)	Benzo(g,h,i)perylene	43.28	276	135003	13.09	ug/l		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0302\REF2.D Vial: 5
Acq On : 3 Apr 2002 4:36 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:39 2002 Quant Results File: GCMS0403.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0302\REF1.D Vial: 4
Acq On : 3 Apr 2002 3:36 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:33 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	434712	20.00	ug/l	-0.01
10) Naphthalene-d8	15.89	136	1593082	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.19	164	908939	20.00	ug/l	-0.01
30) Phenanthrene-d10	25.63	188	1316506	20.00	ug/l	-0.02
39) Chrysene-d12	33.70	240	680219	20.00	ug/l	-0.02
45) Perylene-d12	37.93	264	369363	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	31035	5.07	ug/mL	0.00
Spiked Amount 4.000			Recovery = 126.75%			
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	5.89	74	96314	8.19	ug/l	97
3) bis(2-Chloroethyl)ether	11.64	93	230115	12.07	ug/l	99
4) 1,3-Dichlorobenzene	12.15	146	131920	6.48	ug/l	98
5) 1,4-Dichlorobenzene	12.30	146	143551	7.01	ug/l	96
6) 1,2-Dichlorobenzene	12.81	146	155152	8.11	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.13	45	314499	12.33	ug/l	99
8) N-Nitroso-di-n-propylamine	13.51	70	150933	12.51	ug/l	99
9) Hexachloroethane	13.65	117	27972	3.76	ug/l	97
11) Nitrobenzene	13.93	77	209748	11.67	ug/l	99
12) Isophorone	14.57	82	384065	11.47	ug/l	99
13) bis(2-Chloroethoxy)methane	15.25	93	277567	12.46	ug/l	99
14) 1,2,4-Trichlorobenzene	15.77	180	135132	8.14	ug/l	99
15) Naphthalene	15.94	128	574520	11.33	ug/l	99
16) Hexachlorobutadiene	16.48	225	24588	2.91	ug/l	98
18) Hexachlorocyclopentadiene	18.68	237	5600	0.96	ug/l	99
19) 2-Chloronaphthalene	19.45	162	359333	11.37	ug/l	100
20) Dimethylphthalate	20.53	163	512996	14.04	ug/l	99
21) 2,6-Dinitrotoluene	20.75	165	105734	12.27	ug/l	97
22) Acenaphthylene	20.71	152	565283	12.83	ug/l	99
23) Acenaphthene	21.28	153	400660	12.79	ug/l	99
24) 2,4-Dinitrotoluene	21.92	165	132403	12.00	ug/l	98
25) Diethylphthalate	22.67	149	493426	14.37	ug/l	99
26) 4-Chlorophenyl-phenylether	22.83	204	212477	13.36	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0302\REF1.D Vial: 4
Acq On : 3 Apr 2002 3:36 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:33 2002 Quant Results File: GCMS0403.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
27)	Fluorene	22.80	166	450743	13.53	ug/l		98
29)	Azobenzen/ 1,2-Diphenylhyd	23.28	77	418456	12.32	ug/L		95
31)	N-Nitrosodiphenylamine	23.21	168	155571	10.87	ug/l		98
32)	4-Bromophenyl-phenylether	24.29	248	116067	13.41	ug/l		96
33)	Hexachlorobenzene	24.73	284	140292	13.55	ug/l		98
34)	Phenanthrene	25.70	178	623135	13.89	ug/l		100
35)	Anthracene	25.83	178	558898	12.83	ug/l		100
36)	Di-n-butylphthalate	27.60	149	806077	14.94	ug/l		99
37)	Fluoranthene	29.33	202	590553	13.48	ug/l		99
40)	Pyrene	30.00	202	609935	15.02	ug/l		99
41)	Butylbenzylphthalate	32.13	149	253544	14.46	ug/l		98
42)	Benzo(a)anthracene	33.64	228	340316	13.83	ug/l		100
43)	Bis(2-ethylhexyl)phthalate	33.91	149	406102	20.16	ug/l		99
44)	Chrysene	33.77	228	374715	15.07	ug/l		99
46)	Di-n-Octylphthalate	35.65	149	328336	12.06	ug/l	#	99
47)	Benzo(b)fluoranthene	36.74	252	258805	13.70	ug/l		99
48)	Benzo(k)fluoranthene	36.81	252	286442	14.70	ug/l		98
49)	Benzo(a)pyrene	37.73	252	168732	11.02	ug/l		99
50)	Indeno(1,2,3-cd)pyrene	42.05	276	168997	12.14	ug/l		98
51)	Dibenz(a,h)anthracene	42.12	278	147524	13.58	ug/l		98
52)	Benzo(g,h,i)perylene	43.29	276	153368	13.46	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0302\REF1.D Vial: 4
Acq On : 3 Apr 2002 3:36 pm Operator:
Sample : gc/ms scan 3/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 8 11:33 2002 Quant Results File: GCMS0403.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration