User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/10/2002 Time: 15:11:18

Sample: AE06412
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/5/20 00:01 Ended: 4/5/20 00:01 Analyst: MG
Result source: c:\hpchem\1\data\apr0405\ref2.d\ref2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		6.2	2.0
2	bis(2-Chloroethyl)ether		9.3	2.0
3	1,3-Dichlorobenzene		6.0	2.0
4	1,4-Dichlorobenzene		6.5	2.0
5	1,2-Dichlorobenzene		7.1	2.0
6	2,2-oxybis(1-Chloropropane)		9.5	2.0
7	n-Nitrosodi-n-propylamine		9.7	2.0
8	Hexachloroethane		3.7	2.0
9	Nitrobenzene		8.7	2.0
10	Isophorone		9.8	2.0
11	bis(2-Chloroethoxy)methane		9.5	2.0
12	1,2,4-Trichlorobenzene		7.4	2.0
13	Naphthalene		8.9	2.0
14	Hexachlorobutadiene		2.6	2.0
15	2-Chloronaphthalene		9.0	2.0
16	Dimethylphthalate		11	2.0
17	2,6-Dinitrotoluene		9.4	2.0
18	Acenaphthylene		10	2.0
19	Acenaphthene		9.9	2.0
20	2,4-Dinitrotoluene		9.1	2.0
21	Diethylphthalate		11	2.0
22	4-Chlorophenylphenylether		10.4	2.0
23	Fluorene		10	2.0
24	Azobenzene/1,2-Diphenylhydra		9.5	2.0
25	n-Nitrosodiphenylamine		9.4	2.0
26	4-Bromophenylphenylether		10.5	2.0
27	Hexachlorobenzene		10	2.0
28	Phenanthrene		11	2.0
29	Anthracene		10	2.0
30	Di-n-butylphthalate		12	2.0
31	Fluoranthene		11	2.0
32	Pyrene		11	2.0
33	Butylbenzylphthalate		11	2.0
34	Benzo(a)anthracene		11	2.0
35	bis(2-Ethylhexyl)phthalate		14	2.0
36	Chrysene		12	2.0
37	Di-n-octylphthalate		9.1	2.0
38	Benzo(b)fluoranthene		11	2.0
39	Benzo(k)fluoranthene		12	2.0
40	Benzo(a)pyrene		8.7	2.0
41	Indeno(1,2,3-cd)pyrene		9.3	2.0
42	Dibenz(a,h)anthracene		11	2.0
43	Benzo(g,h,i)perylene		11	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/10/2002 Time: 15:11:28

Sample: AE06412
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/5/20 00:01 Ended: 4/5/20 00:01 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		62	2.0
2	bis(2-Chloroethyl)ether		93	2.0
3	1,3-Dichlorobenzene		60	2.0
4	1,4-Dichlorobenzene		65	2.0
5	1,2-Dichlorobenzene		71	2.0
6	2,2-oxybis(1-Chloropropane)		95	2.0
7	n-Nitrosodi-n-propylamine		97	2.0
8	Hexachloroethane		37	2.0
9	Nitrobenzene		87	2.0
10	Isophorone		98	2.0
11	bis(2-Chloroethoxy)methane		95	2.0
12	1,2,4-Trichlorobenzene		74	2.0
13	Naphthalene		89	2.0
14	Hexachlorobutadiene		26	2.0
15	2-Chloronaphthalene		90	2.0
16	Dimethylphthalate		110	2.0
17	2,6-Dinitrotoluene		94	2.0
18	Acenaphthylene		100	2.0
19	Acenaphthene		99	2.0
20	2,4-Dinitrotoluene		91	2.0
21	Diethylphthalate		110	2.0
22	4-Chlorophenylphenylether		100	2.0
23	Fluorene		100	2.0
24	Azobenzene/1,2-Diphenylhydra		95	2.0
25	n-Nitrosodiphenylamine		94	2.0
26	4-Bromophenylphenylether		100	2.0
27	Hexachlorobenzene		100	2.0
28	Phenanthrene		110	2.0
29	Anthracene		100	2.0
30	Di-n-butylphthalate		120	2.0
31	Fluoranthene		110	2.0
32	Pyrene		110	2.0
33	Butylbenzylphthalate	U	110	2.0
34	Benzo(a)anthracene		110	2.0
35	bis(2-Ethylhexyl)phthalate	U	110	2.0
36	Chrysene		120	2.0
37	Di-n-octylphthalate		91	2.0
38	Benzo(b)fluoranthene		110	2.0
39	Benzo(k)fluoranthene		120	2.0
40	Benzo(a)pyrene		87	2.0
41	Indeno(1,2,3-cd)pyrene		93	2.0
42	Dibenz(a,h)anthracene		110	2.0
43	Benzo(g,h,i)perylene		110	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\REF2.D Vial: 5
Acq On : 5 Apr 2002 1:56 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:03 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.24	152	487722	20.00	ug/l	-0.02
10) Naphthalene-d8	15.89	136	1782595	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.19	164	1001681	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1440707	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	758077	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	416548	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery	= 0.00%		
38) 2,4-DDD	30.71	235	75049	5.65	ug/mL	0.21
Spiked Amount 5.000			Recovery	= 113.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	81809	6.20	ug/l	98
3) bis(2-Chloroethyl)ether	11.64	93	198250	9.27	ug/l	99
4) 1,3-Dichlorobenzene	12.14	146	137767	6.03	ug/l	97
5) 1,4-Dichlorobenzene	12.29	146	149827	6.53	ug/l	98
6) 1,2-Dichlorobenzene	12.80	146	153475	7.15	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.13	45	271382	9.48	ug/l	98
8) N-Nitroso-di-n-propylamine	13.51	70	131125	9.69	ug/l	98
9) Hexachloroethane	13.66	117	30788	3.69	ug/l	94
11) Nitrobenzene	13.92	77	175676	8.74	ug/l	97
12) Isophorone	14.58	82	366679	9.79	ug/l	100
13) bis(2-Chloroethoxy)methane	15.26	93	237475	9.53	ug/l	99
14) 1,2,4-Trichlorobenzene	15.77	180	136767	7.36	ug/l	96
15) Naphthalene	15.94	128	506997	8.93	ug/l	99
16) Hexachlorobutadiene	16.49	225	24687	2.61	ug/l	98
18) Hexachlorocyclopentadiene	18.68	237	8109	1.26	ug/l	97
19) 2-Chloronaphthalene	19.44	162	313321	8.99	ug/l	99
20) Dimethylphthalate	20.53	163	443315	11.01	ug/l	100
21) 2,6-Dinitrotoluene	20.75	165	89205	9.39	ug/l	91
22) Acenaphthylene	20.72	152	487813	10.05	ug/l	100
23) Acenaphthene	21.28	153	342358	9.92	ug/l	99
24) 2,4-Dinitrotoluene	21.92	165	111005	9.13	ug/l	99
25) Diethylphthalate	22.66	149	424244	11.21	ug/l	99
26) 4-Chlorophenyl-phenylether	22.82	204	182646	10.42	ug/l	99
27) Fluorene	22.80	166	384055	10.46	ug/l	100
29) Azobenzen/ 1,2-Diphenylhyd	23.29	77	354894	9.48	ug/L	98
31) N-Nitrosodiphenylamine	23.22	168	147177	9.39	ug/l	96
32) 4-Bromophenyl-phenylether	24.29	248	99409	10.49	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\REF2.D Vial: 5
Acq On : 5 Apr 2002 1:56 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:03 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

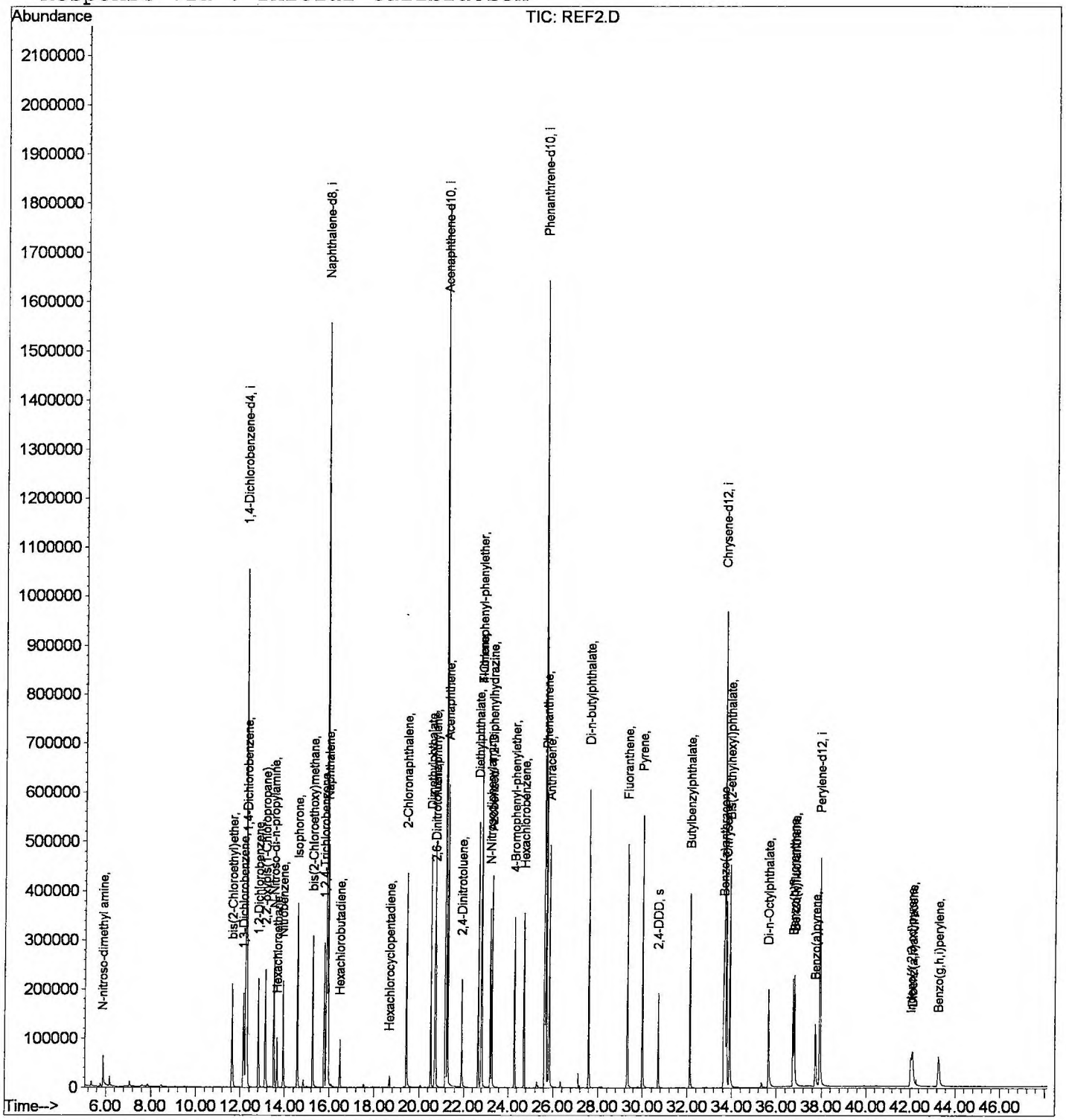
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.72	284	115554	10.20	ug/l		95
34)	Phenanthrene	25.69	178	532729	10.85	ug/l		99
35)	Anthracene	25.83	178	486110	10.20	ug/l		99
36)	Di-n-butylphthalate	27.60	149	727271	12.31	ug/l		99
37)	Fluoranthene	29.32	202	506025	10.56	ug/l		100
40)	Pyrene	30.00	202	516455	11.41	ug/l		100
41)	Butylbenzylphthalate	32.13	149	210851	10.79	ug/l		99
42)	Benzo(a)anthracene	33.64	228	294602	10.74	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.91	149	312128	13.91	ug/l		99
44)	Chrysene	33.76	228	318994	11.51	ug/l		99
46)	Di-n-Octylphthalate	35.65	149	280903	9.15	ug/l	#	98
47)	Benzo(b)fluoranthene	36.75	252	225721	10.60	ug/l		99
48)	Benzo(k)fluoranthene	36.81	252	254209	11.57	ug/l		99
49)	Benzo(a)pyrene	37.74	252	151073	8.75	ug/l		98
50)	Indeno(1,2,3-cd)pyrene	42.05	276	146476	9.33	ug/l		99
51)	Dibenz(a,h)anthracene	42.13	278	130525	10.65	ug/l		97
52)	Benzo(g,h,i)perylene	43.28	276	135655	10.56	ug/l		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0405\REF2.D Vial: 5
Acq On : 5 Apr 2002 1:56 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 12:03 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\REF1.D Vial: 4
Acq On : 5 Apr 2002 12:56 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 11:59 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 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	496402	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1827087	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.19	164	1029323	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1471059	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	756914	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	399148	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery = 3.74	0.00%		
38) 2,4-DDD	30.71	235	70417	~~5.20~~	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~104.00~~%	75 %	
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	75946	5.66	ug/l	100
3) bis(2-Chloroethyl)ether	11.64	93	182453	8.38	ug/l	96
4) 1,3-Dichlorobenzene	12.14	146	127605	5.49	ug/l	99
5) 1,4-Dichlorobenzene	12.29	146	138920	5.94	ug/l	99
6) 1,2-Dichlorobenzene	12.81	146	142181	6.51	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.13	45	257807	8.85	ug/l	98
8) N-Nitroso-di-n-propylamine	13.51	70	124679	9.05	ug/l	98
9) Hexachloroethane	13.66	117	29022	3.41	ug/l	92
11) Nitrobenzene	13.93	77	166971	8.10	ug/l	99
12) Isophorone	14.58	82	341034	8.88	ug/l	99
13) bis(2-Chloroethoxy)methane	15.26	93	224805	8.80	ug/l	99
14) 1,2,4-Trichlorobenzene	15.77	180	126870	6.66	ug/l	99
15) Naphthalene	15.94	128	476259	8.19	ug/l	100
16) Hexachlorobutadiene	16.49	225	22391	2.31	ug/l	98
18) Hexachlorocyclopentadiene	18.68	237	6781	1.02	ug/l	98
19) 2-Chloronaphthalene	19.44	162	298864	8.35	ug/l	99
20) Dimethylphthalate	20.54	163	412032	9.96	ug/l	99
21) 2,6-Dinitrotoluene	20.75	165	83414	8.55	ug/l	94
22) Acenaphthylene	20.72	152	460588	9.23	ug/l	100
23) Acenaphthene	21.28	153	324913	9.16	ug/l	100
24) 2,4-Dinitrotoluene	21.92	165	101882	8.15	ug/l	97
25) Diethylphthalate	22.67	149	403424	10.37	ug/l	99
26) 4-Chlorophenyl-phenylether	22.82	204	170340	9.46	ug/l	98
27) Fluorene	22.80	166	358465	9.50	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.29	77	338077	8.79	ug/L	99
31) N-Nitrosodiphenylamine	23.21	168	133444	8.34	ug/l	99
32) 4-Bromophenyl-phenylether	24.29	248	94947	9.82	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\REF1.D Vial: 4
Acq On : 5 Apr 2002 12:56 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 11:59 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.72	284	106621	9.22	ug/l		98
34)	Phenanthrene	25.70	178	497986	9.94	ug/l		99
35)	Anthracene	25.83	178	449465	9.24	ug/l		100
36)	Di-n-butylphthalate	27.60	149	682284	11.31	ug/l		99
37)	Fluoranthene	29.32	202	467006	9.54	ug/l		100
40)	Pyrene	30.00	202	479523	10.61	ug/l		99
41)	Butylbenzylphthalate	32.13	149	199268	10.21	ug/l		100
42)	Benzo(a)anthracene	33.64	228	267553	9.77	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.90	149	295171	13.17	ug/l		100
44)	Chrysene	33.76	228	296783	10.73	ug/l		98
46)	Di-n-Octylphthalate	35.65	149	260337	8.85	ug/l	#	97
47)	Benzo(b)fluoranthene	36.75	252	204943	10.04	ug/l		98
48)	Benzo(k)fluoranthene	36.81	252	222736	10.58	ug/l		99
49)	Benzo(a)pyrene	37.74	252	131785	7.96	ug/l		99
50)	Indeno(1,2,3-cd)pyrene	42.05	276	130104	8.65	ug/l		96
51)	Dibenz(a,h)anthracene	42.12	278	113795	9.69	ug/l		98
52)	Benzo(g,h,i)perylene	43.28	276	116204	9.44	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0405\REF1.D Vial: 4
Acq On : 5 Apr 2002 12:56 pm Operator:
Sample : gc/ms scan 3/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 10 11:59 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 10 10:43:06 2002
Response via : Initial Calibration