User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 09:29:33

Sample: AE06981
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/18/20 00:04 Ended: 4/18/20 00:04 Analyst: MG
Result source: c:\hpchem\1\data\apr1802\ref1.d\ref1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		6.5	2.0
2	bis(2-Chloroethyl)ether		11	2.0
3	1,3-Dichlorobenzene		8.9	2.0
4	1,4-Dichlorobenzene		9.2	2.0
5	1,2-Dichlorobenzene		9.7	2.0
6	2,2-oxybis(1-Chloropropane)		10	2.0
7	n-Nitrosodi-n-propylamine		10	2.0
8	Hexachloroethane		7.0	2.0
9	Nitrobenzene		10	2.0
10	Isophorone		9.8	2.0
11	bis(2-Chloroethoxy)methane		11	2.0
12	1,2,4-Trichlorobenzene		11	2.0
13	Naphthalene		11	2.0
14	Hexachlorobutadiene		7.4	2.0
15	2-Chloronaphthalene		12	2.0
16	Dimethylphthalate		13	2.0
17	2,6-Dinitrotoluene		11	2.0
18	Acenaphthylene		12	2.0
19	Acenaphthene		13	2.0
20	2,4-Dinitrotoluene		10	2.0
21	Diethylphthalate		13	2.0
22	4-Chlorophenylphenylether		14	2.0
23	Fluorene		13	2.0
24	Azobenzene		11	2.0
25	n-Nitrosodiphenylamine		9.0	2.0
26	4-Bromophenylphenylether		14	2.0
27	Hexachlorobenzene		15	2.0
28	Phenanthrene		14	2.0
29	Anthracene		12	2.0
30	Di-n-butylphthalate		13	2.0
31	Fluoranthene		13	2.0
32	Pyrene		14	2.0
33	Butylbenzylphthalate		11	2.0
34	Benzo(a)anthracene		13	2.0
35	bis(2-Ethylhexyl)phthalate		14	2.0
36	Chrysene		15	2.0
37	Di-n-octylphthalate		8.1	2.0
38	Benzo(b)fluoranthene		13	2.0
39	Benzo(k)fluoranthene		15	2.0
40	Benzo(a)pyrene		9.9	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		11	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 09:33:09

Sample: AE06981
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/18/20 00:04 Ended: 4/18/20 00:04 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		32	2.0
2	bis(2-Chloroethyl)ether		55	2.0
3	1,3-Dichlorobenzene		44	2.0
4	1,4-Dichlorobenzene		46	2.0
5	1,2-Dichlorobenzene		48	2.0
6	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]
8	Hexachloroethane		35	2.0
9	Nitrobenzene		50	2.0
10	[illegible]	[illegible]	[illegible]	[illegible]
11	bis(2-Chloroethoxy)methane		55	2.0
12	1,2,4-Trichlorobenzene		55	2.0
13	Naphthalene		55	2.0
14	Hexachlorobutadiene		37	2.0
15	2-Chloronaphthalene		60	2.0
16	Dimethylphthalate		65	2.0
17	2,6-Dinitrotoluene		55	2.0
18	Acenaphthylene		60	2.0
19	Acenaphthene		65	2.0
20	2,4-Dinitrotoluene		50	2.0
21	Diethylphthalate		65	2.0
22	4-Chlorophenylphenylether		70	2.0
23	Fluorene		65	2.0
24	Azobenzene		55	2.0
25	[illegible]	[illegible]	[illegible]	
26	4-Bromophenylphenylether		70	2.0
27	Hexachlorobenzene		75	2.0
28	Phenanthrene		70	2.0
29	Anthracene		60	2.0
30	[illegible]	[illegible]	[illegible]	[illegible]
31	Fluoranthene		65	2.0
32	Pyrene		70	2.0
33	[illegible]	[illegible]	[illegible]	[illegible]
34	Benzo(a)anthracene		65	2.0
35	bis(2-Ethylhexyl)phthalate		70	2.0
36	Chrysene		75	2.0
37	[illegible]	[illegible]	[illegible]	[illegible]
38	Benzo(b)fluoranthene		65	2.0
39	Benzo(k)fluoranthene		75	2.0
40	Benzo(a)pyrene		50	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		55	2.0

1/43d

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\REF1.D Vial: 6
Acq On : 18 Apr 2002 4:51 pm Operator:
Sample : GC/MS SCAN 3/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:42 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	588754	20.00	ug/l		-0.03
10) Naphthalene-d8	15.85	136	2148717	20.00	ug/l		-0.03
17) Acenaphthene-d10	21.15	164	1203123	20.00	ug/l		-0.02
30) Phenanthrene-d10	25.59	188	1777650	20.00	ug/l		-0.03
39) Chrysene-d12	33.65	240	1159101	20.00	ug/l		-0.03
45) Perylene-d12	37.87	264	726902	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	84499	4.08	ug/mL		0.17
Spiked Amount 5.000			Recovery = 81.60%				
Target Compounds							Qvalue
2) N-nitroso-dimethyl amine	5.86	74	82951	6.47	ug/l		93
3) bis(2-Chloroethyl)ether	11.61	93	212788	10.67	ug/l		99
4) 1,3-Dichlorobenzene	12.11	146	183306	8.91	ug/l		98
5) 1,4-Dichlorobenzene	12.26	146	190416	9.20	ug/l		98
6) 1,2-Dichlorobenzene	12.77	146	187136	9.74	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	286044	10.38	ug/l		98
8) N-Nitroso-di-n-propylamine	13.48	70	133330	10.19	ug/l		98
9) Hexachloroethane	13.63	117	53142	7.01	ug/l		93
11) Nitrobenzene	13.89	77	190857	10.13	ug/l		99
12) Isophorone	14.54	82	350820	9.84	ug/l		98
13) bis(2-Chloroethoxy)methane	15.22	93	262348	11.30	ug/l		100
14) 1,2,4-Trichlorobenzene	15.74	180	172855	10.58	ug/l		98
15) Naphthalene	15.90	128	592008	11.46	ug/l		100
16) Hexachlorobutadiene	16.44	225	60543	7.41	ug/l		99
18) Hexachlorocyclopentadiene	18.64	237	6680	1.26	ug/l	#	95
19) 2-Chloronaphthalene	19.41	162	379753	11.97	ug/l		98
20) Dimethylphthalate	20.49	163	489945	13.39	ug/l		98
21) 2,6-Dinitrotoluene	20.71	165	95061	10.87	ug/l		98
22) Acenaphthylene	20.68	152	542358	12.22	ug/l		100
23) Acenaphthene	21.24	153	395996	12.55	ug/l		98
24) 2,4-Dinitrotoluene	21.88	165	117974	10.25	ug/l		97
25) Diethylphthalate	22.63	149	466782	13.30	ug/l		99
26) 4-Chlorophenyl-phenylether	22.78	204	221337	14.22	ug/l		98
27) Fluorene	22.76	166	447961	13.41	ug/l		97
29) Azobenzen/ 1,2-Diphenylhyd	23.25	77	396729	10.68	ug/L		95
31) N-Nitrosodiphenylamine	23.17	168	133170	9.01	ug/l		98
32) 4-Bromophenyl-phenylether	24.25	248	122545	14.20	ug/l		95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\REF1.D Vial: 6
Acq On : 18 Apr 2002 4:51 pm Operator:
Sample : GC/MS SCAN 3/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:42 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

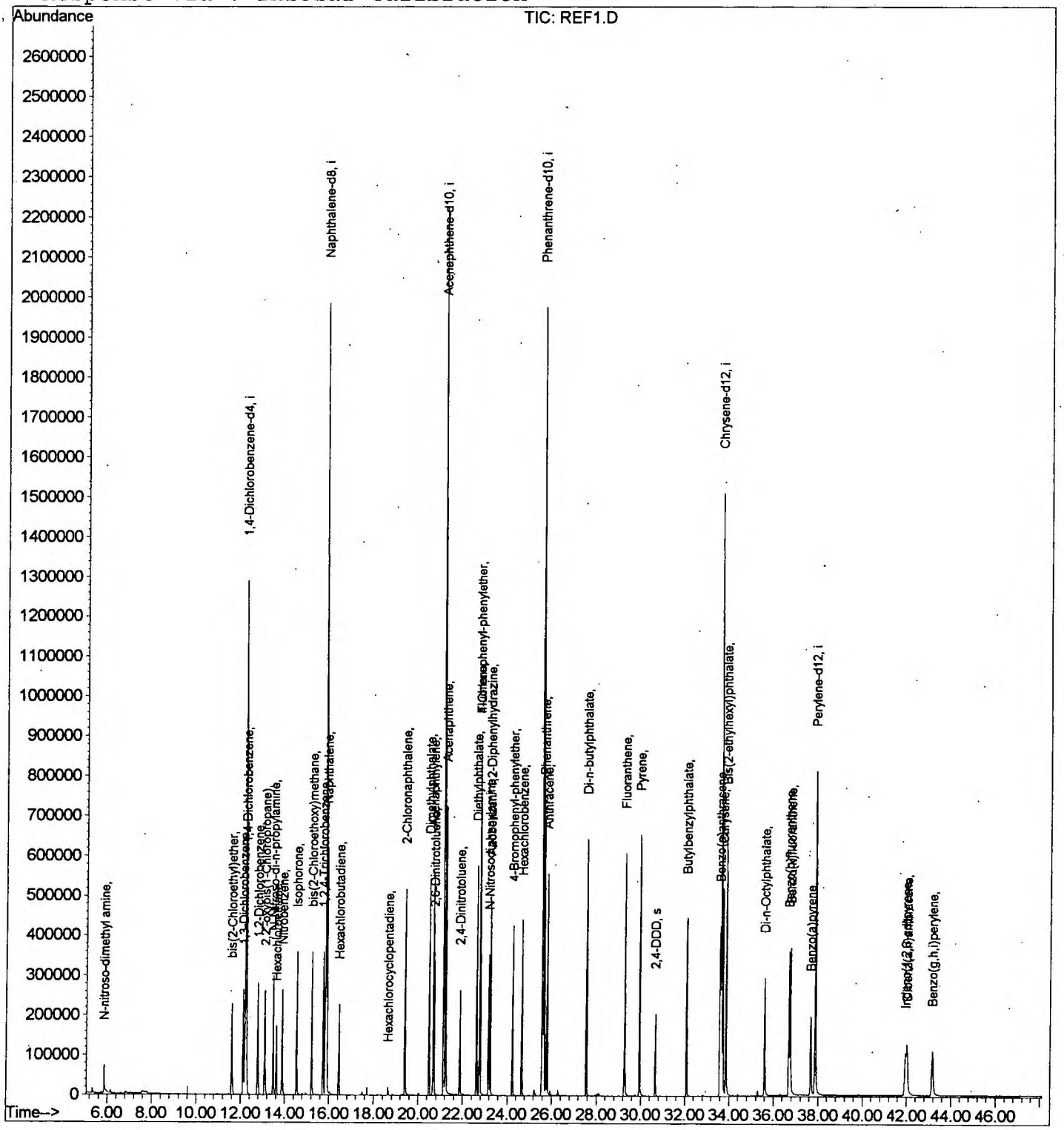
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.68	284	148713	14.56	ug/l		98
34)	Phenanthrene	25.65	178	629487	13.71	ug/l		100
35)	Anthracene	25.79	178	543160	12.03	ug/l		100
36)	Di-n-butylphthalate	27.56	149	735309	12.80	ug/l		100
37)	Fluoranthene	29.28	202	604759	13.10	ug/l		94
40)	Pyrene	29.95	202	630148	13.53	ug/l		97
41)	Butylbenzylphthalate	32.09	149	239500	10.52	ug/l		95
42)	Benzo(a)anthracene	33.59	228	415560	12.87	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	413967	14.21	ug/l		97
44)	Chrysene	33.72	228	466277	14.56	ug/l		100
46)	Di-n-Octylphthalate	35.60	149	349033	8.13	ug/l	#	98
47)	Benzo(b)fluoranthene	36.69	252	359128	12.94	ug/l		98
48)	Benzo(k)fluoranthene	36.76	252	399446	14.79	ug/l		98
49)	Benzo(a)pyrene	37.67	252	225934	9.88	ug/l		98
50)	Indeno(1,2,3-cd)pyrene	41.95	276	249876	10.85	ug/l		95
51)	Dibenz(a,h)anthracene	42.03	278	222465	12.67	ug/l		96
52)	Benzo(g,h,i)perylene	43.18	276	214430	11.15	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\REF1.D Vial: 6
Acq On : 18 Apr 2002 4:51 pm Operator:
Sample : GC/MS SCAN 3/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:42 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\APR1802\REF2.D Vial: 7
Acq On : 18 Apr 2002 5:50 pm Operator:
Sample : GC/MS SCAN 3/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:45 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	570838	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2095307	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1174908	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1732316	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1143228	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	706876	20.00	ug/l	-0.04
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	80252	3.98	ug/mL	0.16
Spiked Amount 5.000			Recovery = 79.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.86	74	80938	6.51	ug/l	99
3) bis(2-Chloroethyl)ether	11.61	93	199468	10.32	ug/l	99
4) 1,3-Dichlorobenzene	12.11	146	174376	8.74	ug/l	100
5) 1,4-Dichlorobenzene	12.26	146	180984	9.02	ug/l	100
6) 1,2-Dichlorobenzene	12.77	146	179019	9.61	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	270622	10.13	ug/l	98
8) N-Nitroso-di-n-propylamine	13.47	70	129870	10.24	ug/l	99
9) Hexachloroethane	13.62	117	52886	7.19	ug/l	99
11) Nitrobenzene	13.89	77	180061	9.80	ug/l	98
12) Isophorone	14.54	82	341873	9.84	ug/l	100
13) bis(2-Chloroethoxy)methane	15.22	93	245546	10.84	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	161949	10.17	ug/l	100
15) Naphthalene	15.91	128	549155	10.90	ug/l	99
16) Hexachlorobutadiene	16.45	225	61828	7.76	ug/l	98
18) Hexachlorocyclopentadiene	18.64	237	10397	2.00	ug/l	92
19) 2-Chloronaphthalene	19.40	162	349206	11.27	ug/l	98
20) Dimethylphthalate	20.50	163	449947	12.60	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	89163	10.44	ug/l	97
22) Acenaphthylene	20.68	152	501851	11.58	ug/l	100
23) Acenaphthene	21.24	153	366961	11.91	ug/l	100
24) 2,4-Dinitrotoluene	21.88	165	112069	9.97	ug/l	98
25) Diethylphthalate	22.63	149	435108	12.70	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	199519	13.12	ug/l	99
27) Fluorene	22.76	166	409419	12.55	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.25	77	375312	10.35	ug/L	94
31) N-Nitrosodiphenylamine	23.17	168	141799	9.84	ug/l	96
32) 4-Bromophenyl-phenylether	24.25	248	111782	13.29	ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\REF2.D Vial: 7
Acq On : 18 Apr 2002 5:50 pm Operator:
Sample : GC/MS SCAN 3/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:45 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	137515	13.82	ug/l		95
34)	Phenanthrene	25.65	178	580174	12.97	ug/l		99
35)	Anthracene	25.78	178	515182	11.71	ug/l		100
36)	Di-n-butylphthalate	27.56	149	681260	12.17	ug/l		99
37)	Fluoranthene	29.28	202	566389	12.59	ug/l		94
40)	Pyrene	29.95	202	586184	12.76	ug/l		96
41)	Butylbenzylphthalate	32.08	149	227846	10.14	ug/l		98
42)	Benzo(a)anthracene	33.59	228	395568	12.42	ug/l		98
43)	Bis(2-ethylhexyl)phthalate	33.86	149	402709	14.01	ug/l		98
44)	Chrysene	33.72	228	439530	13.91	ug/l		99
46)	Di-n-Octylphthalate	35.60	149	336954	8.07	ug/l	#	98
47)	Benzo(b)fluoranthene	36.69	252	342491	12.69	ug/l		98
48)	Benzo(k)fluoranthene	36.75	252	369342	14.06	ug/l		98
49)	Benzo(a)pyrene	37.67	252	220412	9.91	ug/l		98
50)	Indeno(1,2,3-cd)pyrene	41.95	276	227082	10.14	ug/l		96
51)	Dibenz(a,h)anthracene	42.02	278	203320	11.91	ug/l		96
52)	Benzo(g,h,i)perylene	43.18	276	198062	10.59	ug/l		96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\REF2.D Vial: 7
Acq On : 18 Apr 2002 5:50 pm Operator:
Sample : GC/MS SCAN 3/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:45 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