User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 14:01:42

Sample: AE08971
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/26/20 00:02 Ended: 4/26/20 00:02 Analyst: MG
Result source: c:\hpchem\1\data\apr2502\refa1.d\refa1.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		10	2.0
2	bis(2-Chloroethyl)ether		16	2.0
3	1,3-Dichlorobenzene		10	2.0
4	1,4-Dichlorobenzene		11	2.0
5	1,2-Dichlorobenzene		13	2.0
6	2,2-oxybis(1-Chloropropane)		16	2.0
7	n-Nitrosodi-n-propylamine		16	2.0
8	Hexachloroethane		6.1	2.0
9	Nitrobenzene		15	2.0
10	Isophorone		14	2.0
11	bis(2-Chloroethoxy)methane		17	2.0
12	1,2,4-Trichlorobenzene		13	2.0
13	Naphthalene		16	2.0
14	Hexachlorobutadiene		4.6	2.0
15	2-Chloronaphthalene		16	2.0
16	Dimethylphthalate		19	2.0
17	2,6-Dinitrotoluene		16	2.0
18	Acenaphthylene		17	2.0
19	Acenaphthene		17	2.0
20	2,4-Dinitrotoluene		16	2.0
21	Diethylphthalate		18	2.0
22	4-Chlorophenylphenylether		18	2.0
23	Fluorene		18	2.0
24	Azobenzene		15	2.0
25	n-Nitrosodiphenylamine		12	2.0
26	4-Bromophenylphenylether		18	2.0
27	Hexachlorobenzene		19	2.0
28	Phenanthrene		19	2.0
29	Anthracene		16	2.0
30	Di-n-butylphthalate		18	2.0
31	Fluoranthene		18	2.0
32	Pyrene		18	2.0
33	Butylbenzylphthalate		15	2.0
34	Benzo(a)anthracene		18	2.0
35	bis(2-Ethylhexyl)phthalate		15	2.0
36	Chrysene		20	2.0
37	Di-n-octylphthalate		12	2.0
38	Benzo(b)fluoranthene		18	2.0
39	Benzo(k)fluoranthene		20	2.0
40	Benzo(a)pyrene		14	2.0
41	Indeno(1,2,3-cd)pyrene		15	2.0
42	Dibenz(a,h)anthracene		18	2.0
43	Benzo(g,h,i)perylene		16	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 14:01:51

Sample: AE08971
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/26/20 00:02 Ended: 4/26/20 00:02 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		50	2.0
2	bis(2-Chloroethyl)ether		80	2.0
3	1,3-Dichlorobenzene		50	2.0
4	1,4-Dichlorobenzene		55	2.0
5	1,2-Dichlorobenzene		65	2.0
6	2,2-oxybis(1-Chloropropane)		80	2.0
7	n-Nitrosodi-n-propylamine		80	2.0
8	Hexachloroethane		30	2.0
9	Nitrobenzene		75	2.0
10	Isophorone		70	2.0
11	bis(2-Chloroethoxy)methane		85	2.0
12	1,2,4-Trichlorobenzene		65	2.0
13	Naphthalene		80	2.0
14	Hexachlorobutadiene		23	2.0
15	2-Chloronaphthalene		80	2.0
16	Dimethylphthalate		95	2.0
17	2,6-Dinitrotoluene		80	2.0
18	Acenaphthylene		85	2.0
19	Acenaphthene		85	2.0
20	2,4-Dinitrotoluene		80	2.0
21	Diethylphthalate		90	2.0
22	4-Chlorophenylphenylether		90	2.0
23	Fluorene		90	2.0
24	Azobenzene		75	2.0
25	n-Nitrosodiphenylamine		60	2.0
26	4-Bromophenylphenylether		90	2.0
27	Hexachlorobenzene		95	2.0
28	Phenanthrene		95	2.0
29	Anthracene		80	2.0
30	Di-n-butylphthalate		90	2.0
31	Fluoranthene		90	2.0
32	Pyrene		90	2.0
33	Butylbenzylphthalate		75	2.0
34	Benzo(a)anthracene		90	2.0
35	bis(2-Ethylhexyl)phthalate		75	2.0
36	Chrysene		100	2.0
37	Di-n-octylphthalate		60	2.0
38	Benzo(b)fluoranthene		90	2.0
39	Benzo(k)fluoranthene		100	2.0
40	Benzo(a)pyrene		70	2.0
41	Indeno(1,2,3-cd)pyrene		75	2.0
42	Dibenz(a,h)anthracene		90	2.0
43	Benzo(g,h,i)perylene		80	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFA1.D Vial: 15
Acq On : 26 Apr 2002 2:15 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:29 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 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	444361	20.00	ug/l		-0.03
10) Naphthalene-d8	15.84	136	1596546	20.00	ug/l		-0.04
17) Acenaphthene-d10	21.15	164	900797	20.00	ug/l		-0.03
30) Phenanthrene-d10	25.59	188	1317159	20.00	ug/l		-0.03
39) Chrysene-d12	33.64	240	886900	20.00	ug/l		-0.04
45) Perylene-d12	37.87	264	560997	20.00	ug/l		-0.04
System Monitoring Compounds							
28) TCMX	23.29	209	39643	8.70	ug/L		-0.04
Spiked Amount 10.000			Recovery = 87.00%				
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	5.85	74	99528	10.29	ug/l		95
3) bis(2-Chloroethyl)ether	11.61	93	241768	16.06	ug/l		99
4) 1,3-Dichlorobenzene	12.10	146	162708	10.48	ug/l		100
5) 1,4-Dichlorobenzene	12.25	146	175539	11.24	ug/l		99
6) 1,2-Dichlorobenzene	12.77	146	183210	12.63	ug/l		98
7) 2,2'-oxybis(1-Chloropropan	13.09	45	326757	15.71	ug/l		98
8) N-Nitroso-di-n-propylamine	13.47	70	156988	15.90	ug/l		99
9) Hexachloroethane	13.62	117	34657	6.06	ug/l		93
11) Nitrobenzene	13.88	77	215836	15.42	ug/l		97
12) Isophorone	14.54	82	358558	13.54	ug/l		99
13) bis(2-Chloroethoxy)methane	15.22	93	285789	16.57	ug/l		99
14) 1,2,4-Trichlorobenzene	15.73	180	163232	13.45	ug/l		98
15) Naphthalene	15.90	128	610321	15.90	ug/l		99
16) Hexachlorobutadiene	16.45	225	27994	4.61	ug/l		97
18) Hexachlorocyclopentadiene	18.63	237	4505	1.13	ug/l	#	97
19) 2-Chloronaphthalene	19.40	162	378695	15.94	ug/l		98
20) Dimethylphthalate	20.49	163	509131	18.59	ug/l		99
21) 2,6-Dinitrotoluene	20.71	165	102628	15.67	ug/l		99
22) Acenaphthylene	20.68	152	564011	16.97	ug/l		100
23) Acenaphthene	21.24	153	402242	17.02	ug/l		99
24) 2,4-Dinitrotoluene	21.87	165	134343	15.58	ug/l		98
25) Diethylphthalate	22.62	149	485678	18.49	ug/l		99
26) 4-Chlorophenyl-phenylether	22.78	204	210217	18.03	ug/l		98
27) Fluorene	22.75	166	451235	18.04	ug/l		98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	421315	15.16	ug/L		98
31) N-Nitrosodiphenylamine	23.17	168	136157	12.43	ug/l		98
32) 4-Bromophenyl-phenylether	24.25	248	116908	18.28	ug/l		92

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFA1.D Vial: 15
Acq On : 26 Apr 2002 2:15 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:29 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Hexachlorobenzene	24.68	284	142703	18.86	ug/l	95
34) Phenanthrene	25.65	178	630347	18.53	ug/l	99
35) Anthracene	25.78	178	543381	16.24	ug/l	100
36) Di-n-butylphthalate	27.55	149	782253	18.38	ug/l	99
37) Fluoranthene	29.27	202	619536	18.11	ug/l	96
40) Pyrene	29.95	202	639892	17.96	ug/l	96
41) Butylbenzylphthalate	32.08	149	264071	15.16	ug/l	98
42) Benzo(a)anthracene	33.59	228	447773	18.12	ug/l	99
43) Bis(2-ethylhexyl)phthalate	33.86	149	329379	14.77	ug/l	99
44) Chrysene	33.71	228	487419	19.89	ug/l	99
46) Di-n-Octylphthalate	35.61	149	405642	12.24	ug/l	99
47) Benzo(b)fluoranthene	36.69	252	380842	17.79	ug/l	98
48) Benzo(k)fluoranthene	36.75	252	423577	20.32	ug/l	98
49) Benzo(a)pyrene	37.67	252	253342	14.35	ug/l	97
50) Indeno(1,2,3-cd)pyrene	41.95	276	266058	14.97	ug/l	96
51) Dibenz(a,h)anthracene	42.03	278	239288	17.65	ug/l	96
52) Benzo(g,h,i)perylene	43.18	276	231371	15.59	ug/l	97

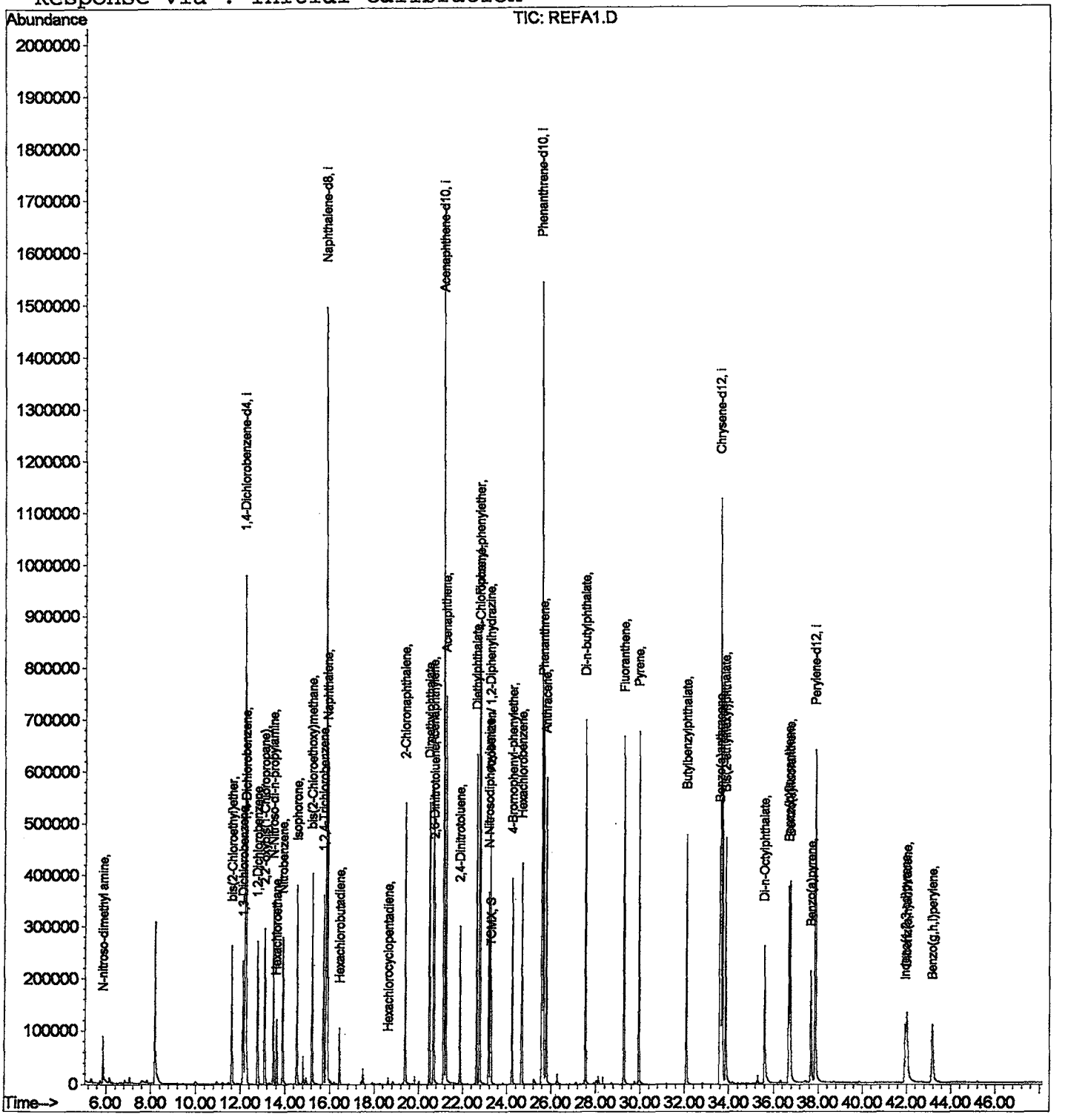
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2502\REFA1.D
Acq On : 26 Apr 2002 2:15 am
Sample : re-inject
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:29 2002

Vial: 15
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 : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFA2.D Vial: 16
Acq On : 26 Apr 2002 3:12 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:30 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 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	497907	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1804463	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1015807	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1500491	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1046569	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	646453	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	45495	8.86	ug/L	-0.05
Spiked Amount 10.000			Recovery = 88.60%			
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	5.86	74	111715	10.31	ug/l	96
3) bis(2-Chloroethyl)ether	11.60	93	270616	16.05	ug/l	98
4) 1,3-Dichlorobenzene	12.11	146	185273	10.65	ug/l	98
5) 1,4-Dichlorobenzene	12.25	146	199475	11.40	ug/l	99
6) 1,2-Dichlorobenzene	12.77	146	206751	12.72	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	373550	16.03	ug/l	98
8) N-Nitroso-di-n-propylamine	13.48	70	176803	15.98	ug/l	98
9) Hexachloroethane	13.62	117	41776	6.51	ug/l	95
11) Nitrobenzene	13.89	77	245961	15.55	ug/l	99
12) Isophorone	14.53	82	400742	13.39	ug/l	99
13) bis(2-Chloroethoxy)methane	15.22	93	326894	16.76	ug/l	100
14) 1,2,4-Trichlorobenzene	15.73	180	184913	13.48	ug/l	99
15) Naphthalene	15.90	128	690921	15.93	ug/l	100
16) Hexachlorobutadiene	16.44	225	34597	5.04	ug/l	99
18) Hexachlorocyclopentadiene	18.64	237	5970	1.33	ug/l	96
19) 2-Chloronaphthalene	19.41	162	424559	15.85	ug/l	97
20) Dimethylphthalate	20.49	163	560739	18.16	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	120346	16.30	ug/l	95
22) Acenaphthylene	20.67	152	632060	16.86	ug/l	99
23) Acenaphthene	21.24	153	451951	16.96	ug/l	99
24) 2,4-Dinitrotoluene	21.88	165	151557	15.59	ug/l	99
25) Diethylphthalate	22.63	149	531835	17.95	ug/l	98
26) 4-Chlorophenyl-phenylether	22.78	204	237944	18.10	ug/l	99
27) Fluorene	22.76	166	504231	17.87	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	474950	15.15	ug/L	97
31) N-Nitrosodiphenylamine	23.17	168	153611	12.31	ug/l	99
32) 4-Bromophenyl-phenylether	24.24	248	133801	18.37	ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\REFA2.D Vial: 16
Acq On : 26 Apr 2002 3:12 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:30 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33)	Hexachlorobenzene	24.68	284	157880	18.32	ug/l	93
34)	Phenanthrene	25.65	178	709923	18.32	ug/l	99
35)	Anthracene	25.79	178	623488	16.36	ug/l	100
36)	Di-n-butylphthalate	27.56	149	868898	17.92	ug/l	100
37)	Fluoranthene	29.28	202	698241	17.91	ug/l	96
40)	Pyrene	29.95	202	722717	17.19	ug/l	95
41)	Butylbenzylphthalate	32.08	149	312225	15.19	ug/l	97
42)	Benzo(a)anthracene	33.59	228	522989	17.93	ug/l	99
43)	Bis(2-ethylhexyl)phthalate	33.87	149	398911	15.16	ug/l	98
44)	Chrysene	33.72	228	543060	18.78	ug/l	99
46)	Di-n-Octylphthalate	35.60	149	511977	13.41	ug/l	99
47)	Benzo(b)fluoranthene	36.69	252	417115	16.91	ug/l	98
48)	Benzo(k)fluoranthene	36.76	252	492301	20.49	ug/l	98
49)	Benzo(a)pyrene	37.68	252	289613	14.24	ug/l	99
50)	Indeno(1,2,3-cd)pyrene	41.95	276	292687	14.29	ug/l	98
51)	Dibenz(a,h)anthracene	42.03	278	253324	16.22	ug/l	96
52)	Benzo(g,h,i)perylene	43.17	276	246919	14.44	ug/l	96

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2502\REFA2.D Vial: 16
Acq On : 26 Apr 2002 3:12 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 9:30 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration