User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/31/2002 Time: 15:39:43

Sample: AE12093
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/30/20 00:09 Ended: 5/30/20 00:09 Analyst: MG
Result source: c:\hpchem\1\data\may3002\ref1.d\ref1.rr
Page: 1

	Component Name	Vial	Result	MDL
1	n-Nitrosodimethylamine		7.7	2.0
2	bis(2-Chloroethyl)ether		12	2.0
3	1,3-Dichlorobenzene		13	2.0
4	1,4-Dichlorobenzene		12	2.0
5	1,2-Dichlorobenzene		14	2.0
6	2,2-oxybis(1-Chloropropane)		8.7	2.0
7	n-Nitrosodi-n-propylamine		12	2.0
8	Hexachloroethane		9.0	2.0
9	Nitrobenzene		13	2.0
10	Isophorone		14	2.0
11	bis(2-Chloroethoxy)methane		12	2.0
12	1,2,4-Trichlorobenzene		14	2.0
13	Naphthalene		15	2.0
14	Hexachlorobutadiene		10	2.0
15	2-Chloronaphthalene		18	2.0
16	Dimethylphthalate		17	2.0
17	2,6-Dinitrotoluene		16	2.0
18	Acenaphthylene		15	2.0
19	Acenaphthene		17	2.0
20	2,4-Dinitrotoluene		19	2.0
21	Diethylphthalate		18	2.0
22	4-Chlorophenylphenylether		17	2.0
23	Fluorene		18	2.0
24	Azobenzene		13	2.0
25	n-Nitrosodiphenylamine		16	2.0
26	4-Bromophenylphenylether		13	2.0
27	Hexachlorobenzene		14	2.0
28	Phenanthrene		17	2.0
29	Anthracene		15	2.0
30	Di-n-butylphthalate		16	2.0
31	Fluoranthene		17	2.0
32	Pyrene		19	2.0
33	Butylbenzylphthalate		18	2.0
34	Benzo(a)anthracene		17	2.0
35	bis(2-Ethylhexyl)phthalate		18	2.0
36	Chrysene		17	2.0
37	Di-n-octylphthalate		16	2.0
38	Benzo(b)fluoranthene		16	2.0
39	Benzo(k)fluoranthene		17	2.0
40	Benzo(a)pyrene		12	2.0
41	Indeno(1,2,3-cd)pyrene		14	2.0
42	Dibenz(a,h)anthracene		14	2.0
43	Benzo(g,h,i)perylene		15	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/31/2002 Time: 15:39:50

Sample: AE12093
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/30/20 00:09 Ended: 5/30/20 00:09 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		38	2.0
2	bis(2-Chloroethyl)ether		60	2.0
3	1,3-Dichlorobenzene		65	2.0
4	1,4-Dichlorobenzene		60	2.0
5	1,2-Dichlorobenzene		70	2.0
6	[illegible]			
7	n-Nitrosodi-n-propylamine		60	2.0
8	Hexachloroethane		45	2.0
9	Nitrobenzene		65	2.0
10	Isophorone		70	2.0
11	bis(2-Chloroethoxy)methane		60	2.0
12	1,2,4-Trichlorobenzene		70	2.0
13	Naphthalene		75	2.0
14	Hexachlorobutadiene		50	2.0
15	2-Chloronaphthalene		90	2.0
16	Dimethylphthalate		85	2.0
17	2,6-Dinitrotoluene		80	2.0
18	Acenaphthylene		75	2.0
19	Acenaphthene		85	2.0
20	2,4-Dinitrotoluene		95	2.0
21	Diethylphthalate		90	2.0
22	4-Chlorophenylphenylether		85	2.0
23	Fluorene		90	2.0
24	Azobenzene		65	2.0
25	n-Nitrosodiphenylamine		80	2.0
26	4-Bromophenylphenylether		65	2.0
27	Hexachlorobenzene		70	2.0
28	Phenanthrene		85	2.0
29	Anthracene		75	2.0
30	Di-n-butylphthalate		80	2.0
31	Fluoranthene		85	2.0
32	Pyrene		95	2.0
33	Butylbenzylphthalate		90	2.0
34	Benzo(a)anthracene		85	2.0
35	bis(2-Ethylhexyl)phthalate		90	2.0
36	Chrysene		85	2.0
37	Di-n-octylphthalate		80	2.0
38	Benzo(b)fluoranthene		80	2.0
39	Benzo(k)fluoranthene		85	2.0
40	Benzo(a)pyrene		60	2.0
41	Indeno(1,2,3-cd)pyrene		70	2.0
42	Dibenz(a,h)anthracene		70	2.0
43	Benzo(g,h,i)perylene		75	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\REF1.D Vial: 9
Acq On : 30 May 2002 9:56 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:08 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	603634	40.00	ug/l		-0.08
10) Naphthalene-d8	15.70	136	2430880	40.00	ug/l		-0.10
17) Acenaphthene-d10	20.99	164	1143284	40.00	ug/l		-0.10
30) Phenanthrene-d10	25.43	188	1791956	40.00	ug/l		-0.11
38) Chrysene-d12	33.48	240	1112828	40.00	ug/l		-0.13
44) Perylene-d12	37.65	264	706729	40.00	ug/l		-0.15
System Monitoring Compounds							
28) TCMX	23.13	209	202507	35.24	ug/L		-0.10
Spiked Amount 40.000			Recovery = 88.10%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.73	74	138859	7.66	ug/l		79
3) bis(2-Chloroethyl)ether	11.47	93	283079	11.79	ug/l		92
4) 1,3-Dichlorobenzene	11.97	146	248278	12.78	ug/l		99
5) 1,4-Dichlorobenzene	12.11	146	260163	12.22	ug/l		99
6) 1,2-Dichlorobenzene	12.63	146	255865	13.88	ug/l		99
7) 2,2'-oxybis(1-Chloropropan	12.95	45	475146	8.75	ug/l	#	94
8) N-Nitrosodi-n-propylamine	13.34	70	204212	11.98	ug/l	#	85
9) Hexachloroethane	13.47	117	81622	8.98	ug/l		98
11) Nitrobenzene	13.75	77	264651	12.53	ug/l	#	86
12) Isophorone	14.39	82	573896	13.72	ug/l		95
13) bis(2-Chloroethoxy)methane	15.08	93	345580	12.32	ug/l		98
14) 1,2,4-Trichlorobenzene	15.59	180	215755	14.21	ug/l		98
15) Naphthalene	15.75	128	846726	15.43	ug/l	#	81
16) Hexachlorobutadiene	16.30	225	74901	10.19	ug/l		95
18) Hexachlorocyclopentadiene	18.50	237	24477	5.28	ug/l		98
19) 2-Chloronaphthalene	19.25	162	447156	17.55	ug/l		96
20) Dimethylphthalate	20.35	163	531728	16.58	ug/l		100
21) 2,6-Dinitrotoluene	20.56	165	109621	16.42	ug/l		94
22) Acenaphthylene	20.52	152	696310	14.91	ug/l		98
23) Acenaphthene	21.08	153	470377	16.86	ug/l		98
24) 2,4-Dinitrotoluene	21.73	165	138865	18.97	ug/l	#	86
25) Diethylphthalate	22.48	149	548216	18.50	ug/l		100
26) 4-Chlorophenylphenylether	22.63	204	246226	16.62	ug/l		96
27) Fluorene	22.61	166	509345	18.01	ug/l		100
29) Azobenzene	23.09	77	559386	13.10	ug/L	#	90
31) N-Nitrosodiphenylamine	23.02	168	193239	16.36	ug/l	#	85
32) 4-Bromophenylphenylether	24.10	248	123360	13.19	ug/l		97
33) Hexachlorobenzene	24.53	284	143758	14.32	ug/l		97
34) Phenanthrene	25.49	178	731524	16.93	ug/l		99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\REF1.D Vial: 9
Acq On : 30 May 2002 9:56 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:08 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.63	178	679898	15.29	ug/l		99
36)	Di-n-butylphthalate	27.41	149	959518	16.31	ug/l		99
37)	Fluoranthene	29.11	202	748861	17.13	ug/l		98
39)	Pyrene	29.79	202	772877	18.94	ug/l		92
40)	Butylbenzylphthalate	31.93	149	366316	17.57	ug/l		92
41)	Benzo(a)anthracene	33.42	228	509585	16.73	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.71	149	493648	18.01	ug/l	#	99
43)	Chrysene	33.55	228	524141	17.43	ug/l		100
45)	Di-n-Octylphthalate	35.45	149	655731	16.04	ug/l	#	90
46)	Benzo(b)fluoranthene	36.51	252	419004	15.91	ug/l		97
47)	Benzo(k)fluoranthene	36.57	252	458193	16.82	ug/l		97
48)	Benzo(a)pyrene	37.46	252	302714	12.38	ug/l		96
49)	Indeno(1,2,3-cd)pyrene	41.61	276	318780	13.56	ug/l		97
50)	Dibenz(a,h)anthracene	41.69	278	268619	14.31	ug/l		96
51)	Benzo(g,h,i)perylene	42.80	276	287103	15.28	ug/l		96

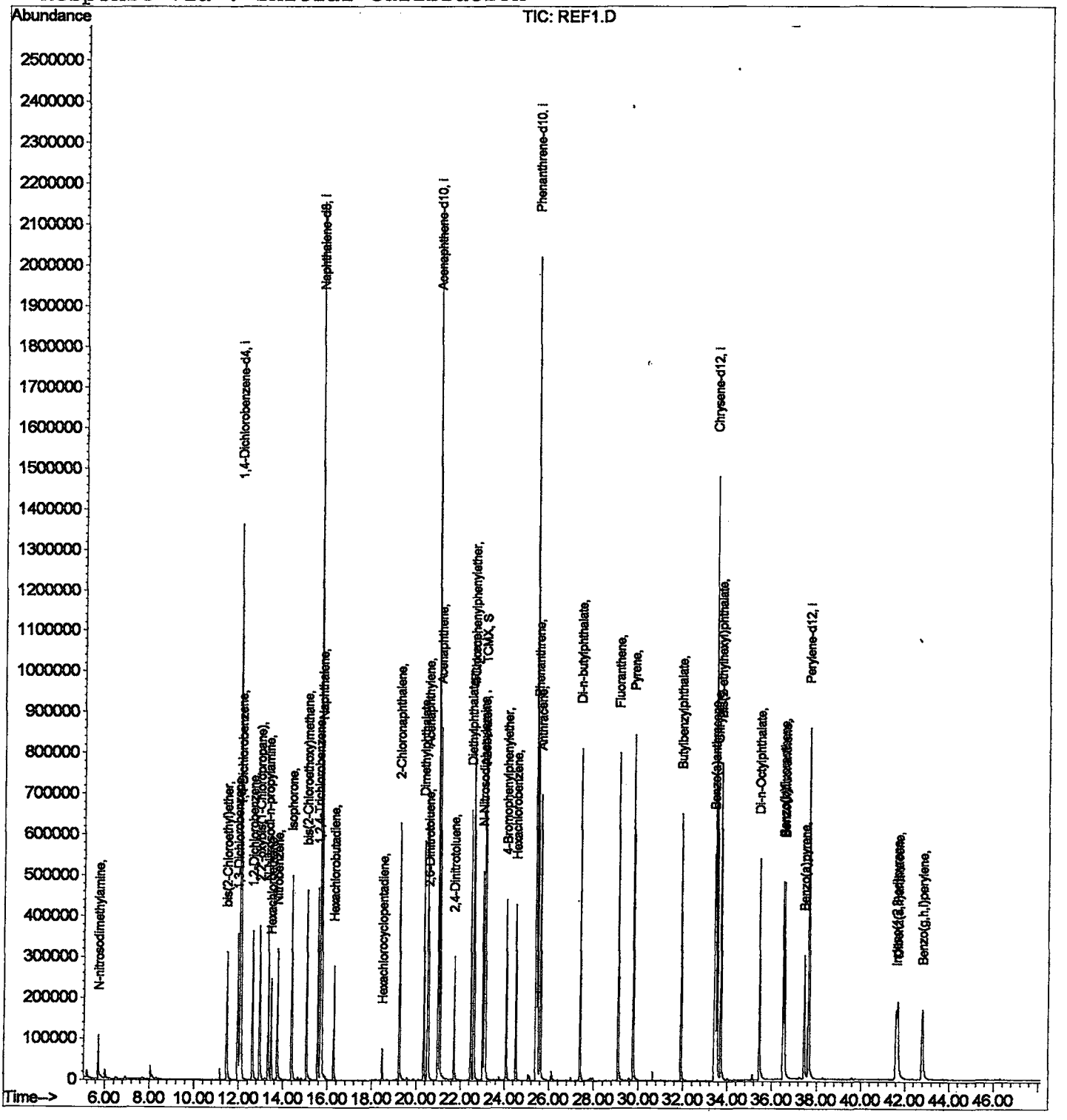
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3002\REF1.D
Acq On : 30 May 2002 9:56 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 31 11:08 2002

Vial: 9
Operator: Morgan
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\REF2.D Vial: 10
Acq On : 30 May 2002 10:56 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:21 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	584364	40.00	ug/l		-0.08
10) Naphthalene-d8	15.69	136	2341246	40.00	ug/l		-0.10
17) Acenaphthene-d10	20.99	164	1108743	40.00	ug/l		-0.10
30) Phenanthrene-d10	25.43	188	1720072	40.00	ug/l		-0.10
38) Chrysene-d12	33.48	240	1065102	40.00	ug/l		-0.13
44) Perylene-d12	37.66	264	672478	40.00	ug/l		-0.14
System Monitoring Compounds							
28) TCMX	23.13	209	195074	35.01	ug/L		-0.10
Spiked Amount 40.000			Recovery = 87.52%				
Target Compounds							Qvalue
2) N-nitrosodimethylamine	5.72	74	139391	7.95	ug/l		80
3) bis(2-Chloroethyl)ether	11.47	93	275875	11.87	ug/l		94
4) 1,3-Dichlorobenzene	11.97	146	253674	13.49	ug/l		98
5) 1,4-Dichlorobenzene	12.11	146	263044	12.77	ug/l		97
6) 1,2-Dichlorobenzene	12.63	146	258692	14.49	ug/l		100
7) 2,2'-oxybis(1-Chloropropan	12.95	45	463150	8.81	ug/l	#	94
8) N-Nitrosodi-n-propylamine	13.33	70	201022	12.18	ug/l	#	86
9) Hexachloroethane	13.47	117	83282	9.47	ug/l		97
11) Nitrobenzene	13.75	77	261569	12.85	ug/l	#	85
12) Isophorone	14.39	82	575838	14.29	ug/l		95
13) bis(2-Chloroethoxy)methane	15.08	93	332075	12.29	ug/l		99
14) 1,2,4-Trichlorobenzene	15.58	180	212791	14.55	ug/l		99
15) Naphthalene	15.75	128	831609	15.73	ug/l	#	81
16) Hexachlorobutadiene	16.30	225	76374	10.79	ug/l		97
18) Hexachlorocyclopentadiene	18.49	237	23216	5.16	ug/l		98
19) 2-Chloronaphthalene	19.26	162	428365	17.33	ug/l		96
20) Dimethylphthalate	20.35	163	514597	16.54	ug/l		99
21) 2,6-Dinitrotoluene	20.56	165	106050	16.38	ug/l		93
22) Acenaphthylene	20.52	152	668400	14.76	ug/l		98
23) Acenaphthene	21.08	153	453283	16.75	ug/l		99
24) 2,4-Dinitrotoluene	21.73	165	130174	18.34	ug/l		89
25) Diethylphthalate	22.48	149	522382	18.17	ug/l		99
26) 4-Chlorophenylphenylether	22.62	204	235838	16.41	ug/l		97
27) Fluorene	22.61	166	492393	17.95	ug/l		98
29) Azobenzene	23.09	77	537265	12.98	ug/L	#	90
31) N-Nitrosodiphenylamine	23.02	168	175630	15.49	ug/l	#	87
32) 4-Bromophenylphenylether	24.09	248	117151	13.05	ug/l		95
33) Hexachlorobenzene	24.53	284	138744	14.40	ug/l		94
34) Phenanthrene	25.49	178	705074	17.00	ug/l		99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\REF2.D Vial: 10
Acq On : 30 May 2002 10:56 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:21 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.63	178	652937	15.30	ug/l		99
36)	Di-n-butylphthalate	27.41	149	900106	15.94	ug/l		100
37)	Fluoranthene	29.12	202	716089	17.06	ug/l		95
39)	Pyrene	29.79	202	746614	19.12	ug/l		92
40)	Butylbenzylphthalate	31.92	149	343553	17.22	ug/l		94
41)	Benzo(a)anthracene	33.42	228	489998	16.81	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.71	149	455107	17.35	ug/l	#	98
43)	Chrysene	33.55	228	509648	17.70	ug/l		99
45)	Di-n-Octylphthalate	35.45	149	613679	15.77	ug/l	#	91
46)	Benzo(b)fluoranthene	36.51	252	378906	15.12	ug/l		97
47)	Benzo(k)fluoranthene	36.57	252	417875	16.12	ug/l		97
48)	Benzo(a)pyrene	37.46	252	278973	11.99	ug/l	#	95
49)	Indeno(1,2,3-cd)pyrene	41.62	276	291617	13.04	ug/l		97
50)	Dibenz(a,h)anthracene	41.68	278	250892	14.04	ug/l		95
51)	Benzo(g,h,i)perylene	42.80	276	258841	14.48	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3002\REF2.D
Acq On : 30 May 2002 10:56 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 31 11:21 2002

Vial: 10
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration