User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 16:33:14

Sample: AE01156
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/25/02 16:27 Ended: 3/25/02 16:27 Analyst: MG
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		4.77		2.0
2	bis(2-Chloroethyl)ether		7.18		2.0
3	1,3-Dichlorobenzene		5.94		2.0
4	1,4-Dichlorobenzene		6.23		2.0
5	1,2-Dichlorobenzene		6.50		2.0
6	2,2-oxybis(1-Chloropropane)		6.87		2.0
7	n-Nitrosodi-n-propylamine		7.24		2.0
8	Hexachloroethane		5.15		2.0
9	Nitrobenzene		6.82		2.0
10	Isophorone		7.53		2.0
11	bis(2-Chloroethoxy)methane		7.53		2.0
12	1,2,4-Trichlorobenzene		7.10		2.0
13	Naphthalene		7.54		2.0
14	Hexachlorobutadiene		5.46		2.0
15	2-Chloronaphthalene		7.35		2.0
16	Dimethylphthalate		8.64		2.0
17	2,6-Dinitrotoluene		7.40		2.0
18	Acenaphthylene		8.15		2.0
19	Acenaphthene		8.10		2.0
20	2,4-Dinitrotoluene		6.90		2.0
21	Diethylphthalate		8.60		2.0
22	4-Chlorophenylphenylether		9.06		2.0
23	Fluorene		8.57		2.0
24	Azobenzene/1,2-Diphenylhydraz		6.64		2.0
25	n-Nitrosodiphenylamine		7.65		2.0
26	4-Bromophenylphenylether		8.96		2.0
27	Hexachlorobenzene		9.31		2.0
28	Phenanthrene		8.74		2.0
29	Anthracene		8.02		2.0
30	Di-n-butylphthalate		8.84		2.0
31	Fluoranthene		8.33		2.0
32	Pyrene		11.29		2.0
33	Butylbenzylphthalate		10.22		2.0
34	Benzo(a)anthracene		8.43		2.0
35	bis(2-Ethylhexyl)phthalate		10.47		2.0
36	Chrysene		8.92		2.0
37	Di-n-octylphthalate		9.63		2.0
38	Benzo(b)fluoranthene		8.80		2.0
39	Benzo(k)fluoranthene		9.04		2.0
40	Benzo(a)pyrene		6.69		2.0
41	Indeno(1,2,3-cd)pyrene		5.44		2.0
42	Dibenz(a,h)anthracene		5.85		2.0
43	Benzo(g,h,i)perylene		6.19		2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 16:33:28

Sample: AE01156
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/25/02 16:27 Ended: 3/25/02 16:27 Analyst: MG
Result source: calculation
Page: 1

#	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		48		2.0
2	bis(2-Chloroethyl)ether		72		2.0
3	[redacted]				
4	[redacted]				
5	1,2-Dichlorobenzene		65		2.0
6	2,2-oxybis(1-Chloropropane)		69		2.0
7	n-Nitrosodi-n-propylamine		72		2.0
8	[redacted]				
9	Nitrobenzene		68		2.0
10	Isophorone		75		2.0
11	bis(2-Chloroethoxy)methane		75		2.0
12	[redacted]				
13	Naphthalene		75		2.0
14	[redacted]				
15	2-Chloronaphthalene		74		2.0
16	Dimethylphthalate		86		2.0
17	2,6-Dinitrotoluene		74		2.0
18	Acenaphthylene		82		2.0
19	Acenaphthene		81		2.0
20	2,4-Dinitrotoluene		69		2.0
21	Diethylphthalate		86		2.0
22	4-Chlorophenylphenylether		91		2.0
23	Fluorene		86		2.0
24	Azobenzene/1,2-Diphenylhydraz		66		2.0
25	n-Nitrosodiphenylamine		76		2.0
26	4-Bromophenylphenylether		90		2.0
27	[redacted]				
28	Phenanthrene		87		2.0
29	Anthracene		80		2.0
30	Di-n-butylphthalate		88		2.0
31	Fluoranthene		83		2.0
32	[redacted]				
33	[redacted]				
34	Benzo(a)anthracene		84		2.0
35	[redacted]				
36	Chrysene		89		2.0
37	[redacted]				
38	[redacted]				
39	Benzo(k)fluoranthene		90		2.0
40	Benzo(a)pyrene		67		2.0
41	Indeno(1,2,3-cd)pyrene		54		2.0
42	Dibenz(a,h)anthracene		58		2.0
43	Benzo(g,h,i)perylene		62		2.0

11/43T

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\REF2.D Vial: 8
Acq On : 25 Mar 2002 12:09 pm Operator:
Sample : re-inject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 13:59 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Responses of IS in the references were half that of initial cal. so references were re-injected & Surr. manually calculated. * see attached reports.

Internal Standards	R.T.	QIon	Res*		
1) 1,4-Dichlorobenzene-d4	12.26	152	475639	20.00 ug/l	-0.10
10) Naphthalene-d8	15.89	136	1788735	20.00 ug/l	-0.11
17) Acenaphthene-d10	21.20	164	994733	20.00 ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1457219	20.00 ug/l	-0.13
38) Chrysene-d12	33.70	240	862808	20.00 ug/l	-0.14
44) Perylene-d12	37.94	264	513271	20.00 ug/l	-0.18

System Monitoring Compounds					
37) 2,4-DDD	30.72	235	79383	~~7.50~~ 4.84 ug/mL	0.22
Spiked Amount 5.000			Recovery =	~~150.00%~~ 97%	

Target Compounds					Qvalue
2) N-nitroso-dimethyl amine	5.91	74	76929	4.77 ug/l #	69
3) bis(2-Chloroethyl)ether	11.65	93	186452	7.18 ug/l	89
4) 1,3-Dichlorobenzene	12.15	146	159571	5.94 ug/l	97
5) 1,4-Dichlorobenzene	12.29	146	167769	6.23 ug/l	98
6) 1,2-Dichlorobenzene	12.82	146	163160	6.50 ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.13	45	251217	6.87 ug/l	98
8) N-Nitroso-di-n-propylamine	13.51	70	122328	7.24 ug/l #	87
9) Hexachloroethane	13.66	117	51819	5.15 ug/l	92
11) Nitrobenzene	13.94	77	166717	6.82 ug/l	91
12) Isophorone	14.58	82	349222	7.53 ug/l	99
13) bis(2-Chloroethoxy)methane	15.26	93	228393	7.53 ug/l	98
14) 1,2,4-Trichlorobenzene	15.77	180	149081	7.10 ug/l	97
15) Naphthalene	15.95	128	498827	7.54 ug/l	99
16) Hexachlorobutadiene	16.49	225	57131	5.46 ug/l	97
18) Hexachlorocyclopentadiene	18.68	237	20160	2.99 ug/l	96
19) 2-Chloronaphthalene	19.45	162	313840	7.35 ug/l	94
20) Dimethylphthalate	20.54	163	432654	8.64 ug/l	99
21) 2,6-Dinitrotoluene	20.76	165	89968	7.40 ug/l #	79
22) Acenaphthylene	20.72	152	497487	8.15 ug/l	99
23) Acenaphthene	21.29	153	345731	8.10 ug/l	99
24) 2,4-Dinitrotoluene	21.92	165	112155	6.90 ug/l #	76
25) Diethylphthalate	22.67	149	417818	8.60 ug/l	95
26) 4-Chlorophenyl-phenylether	22.82	204	188473	9.06 ug/l	91
27) Fluorene	22.80	166	386583	8.57 ug/l	98
28) Azobenzen/ 1,2-Diphenylhyd	23.29	77	346055	6.64 ug/L #	84

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\REF2.D Vial: 8
Acq On : 25 Mar 2002 12:09 pm Operator:
Sample : re-inject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 13:59 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

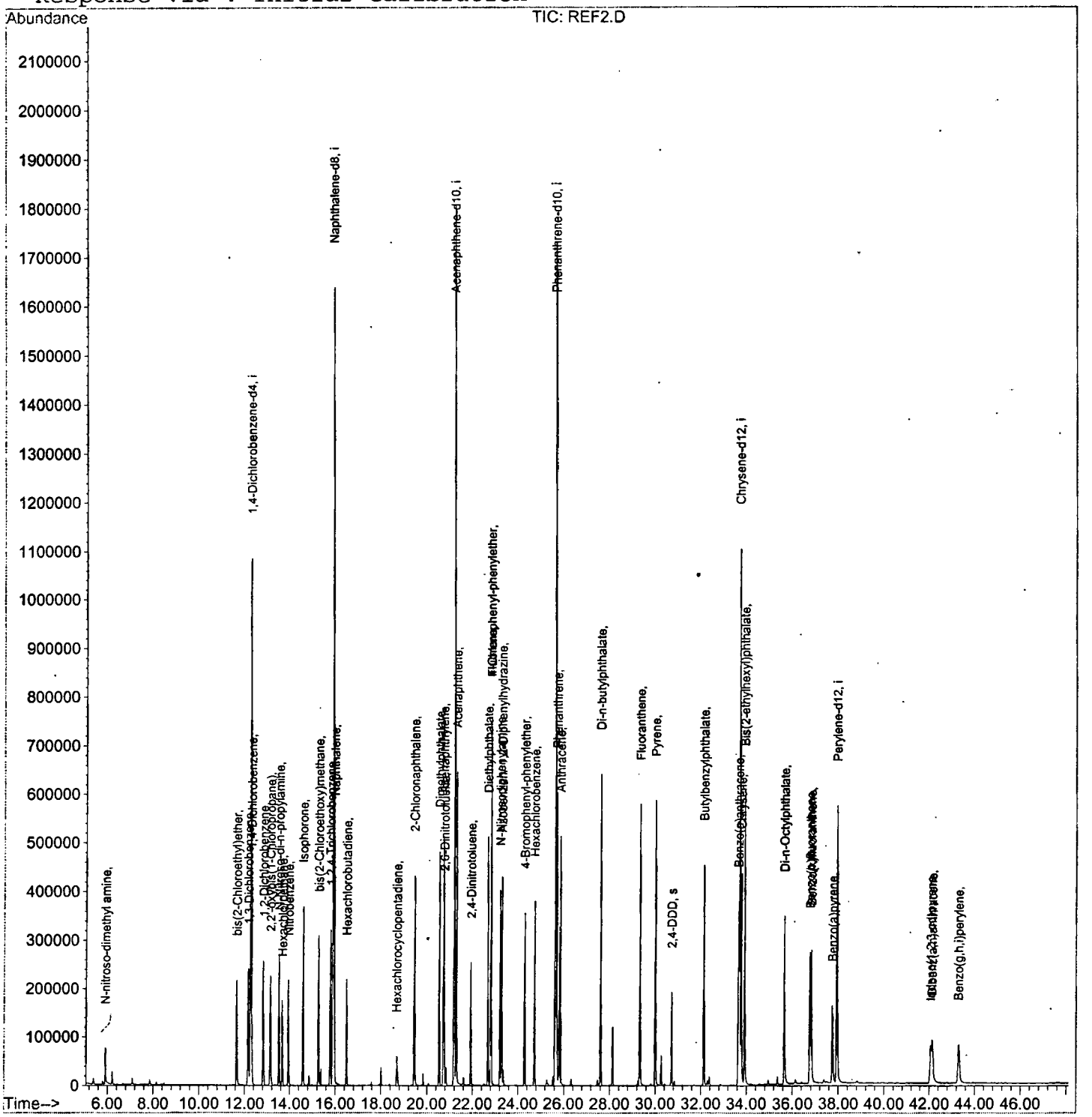
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	N-Nitrosodiphenylamine	23.22	168	150553	7.65	ug/l	#	81
31)	4-Bromophenyl-phenylether	24.30	248	103637	8.96	ug/l	#	86
32)	Hexachlorobenzene	24.73	284	125035	9.31	ug/l	#	87
33)	Phenanthrene	25.70	178	550323	8.74	ug/l		98
34)	Anthracene	25.83	178	500476	8.02	ug/l		100
35)	Di-n-butylphthalate	27.60	149	700161	8.84	ug/l	#	97
36)	Fluoranthene	29.33	202	550152	8.33	ug/l		95
39)	Pyrene	30.01	202	559116	11.29	ug/l		96
40)	Butylbenzylphthalate	32.14	149	261075	10.22	ug/l		95
41)	Benzo(a)anthracene	33.65	228	347229	8.43	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.91	149	361027	10.47	ug/l		99
43)	Chrysene	33.77	228	360366	8.92	ug/l		99
45)	Di-n-Octylphthalate	35.66	149	435485	9.63	ug/l	#	97
46)	Benzo(b)fluoranthene	36.76	252	275929	8.80	ug/l		98
47)	Benzo(k)fluoranthene	36.82	252	276255	9.04	ug/l		97
48)	Benzo(a)pyrene	37.75	252	191071	6.69	ug/l	#	97
49)	Indeno(1,2,3-cd)pyrene	42.06	276	187751	5.44	ug/l		97
50)	Dibenz(a,h)anthracene	42.14	278	156154	5.85	ug/l		99
51)	Benzo(g,h,i)perylene	43.30	276	174063	6.19	ug/l		94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2502\REF2.D Vial: 8
Acq On : 25 Mar 2002 12:09 pm Operator:
Sample : re-inject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 13:59 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\REF1.D Vial: 7
Acq On : 25 Mar 2002 11:09 am Operator:
Sample : re-inject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 13:56 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	498901	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1887017	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1049009	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1530930	20.00	ug/l	-0.13
38) Chrysene-d12	33.71	240	871089	20.00	ug/l	-0.14
44) Perylene-d12	37.95	264	516019	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	113122	~~10.17~~ 6.89	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~203.4~~ 137.96%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.91	74	103203	6.10	ug/l #	70
3) bis(2-Chloroethyl)ether	11.65	93	258569	9.49	ug/l	89
4) 1,3-Dichlorobenzene	12.15	146	229784	8.16	ug/l	100
5) 1,4-Dichlorobenzene	12.30	146	239410	8.48	ug/l	100
6) 1,2-Dichlorobenzene	12.81	146	235271	8.94	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.13	45	348145	9.08	ug/l	99
8) N-Nitroso-di-n-propylamine	13.52	70	171061	9.65	ug/l #	85
9) Hexachloroethane	13.66	117	74119	7.02	ug/l	90
11) Nitrobenzene	13.93	77	230253	8.93	ug/l	91
12) Isophorone	14.58	82	482161	9.86	ug/l	98
13) bis(2-Chloroethoxy)methane	15.26	93	311896	9.74	ug/l	98
14) 1,2,4-Trichlorobenzene	15.78	180	212024	9.57	ug/l	95
15) Naphthalene	15.94	128	695636	9.97	ug/l	99
16) Hexachlorobutadiene	16.49	225	84654	7.67	ug/l	98
18) Hexachlorocyclopentadiene	18.69	237	31001	4.36	ug/l	95
19) 2-Chloronaphthalene	19.45	162	440751	9.79	ug/l	95
20) Dimethylphthalate	20.54	163	588268	11.14	ug/l	99
21) 2,6-Dinitrotoluene	20.75	165	122337	9.55	ug/l #	82
22) Acenaphthylene	20.72	152	664337	10.32	ug/l	99
23) Acenaphthene	21.28	153	464083	10.31	ug/l	98
24) 2,4-Dinitrotoluene	21.93	165	153884	8.98	ug/l #	73
25) Diethylphthalate	22.67	149	565035	11.03	ug/l	95
26) 4-Chlorophenyl-phenylether	22.83	204	255974	11.66	ug/l	90
27) Fluorene	22.81	166	521352	10.95	ug/l	100
28) Azobenzen/ 1,2-Diphenylhyd	23.29	77	468507	8.53	ug/L #	82

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\REF1.D Vial: 7
Acq On : 25 Mar 2002 11:09 am Operator:
Sample : re-inject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 13:56 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	N-Nitrosodiphenylamine	23.21	168	184195	8.91	ug/l	#	82
31)	4-Bromophenyl-phenylether	24.30	248	141572	11.65	ug/l	#	89
32)	Hexachlorobenzene	24.73	284	172816	12.25	ug/l	#	90
33)	Phenanthrene	25.70	178	735422	11.12	ug/l		99
34)	Anthracene	25.84	178	668068	10.19	ug/l		99
35)	Di-n-butylphthalate	27.61	149	951053	11.43	ug/l	#	98
36)	Fluoranthene	29.33	202	730445	10.53	ug/l		95
39)	Pyrene	30.01	202	750108	15.00	ug/l		94
40)	Butylbenzylphthalate	32.14	149	340425	13.20	ug/l		96
41)	Benzo(a)anthracene	33.65	228	454208	10.92	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.92	149	482680	13.86	ug/l	#	93
43)	Chrysene	33.77	228	486776	11.93	ug/l		98
45)	Di-n-Octylphthalate	35.65	149	573396	12.61	ug/l	#	97
46)	Benzo(b)fluoranthene	36.75	252	366141	11.62	ug/l		99
47)	Benzo(k)fluoranthene	36.82	252	399053	12.99	ug/l		98
48)	Benzo(a)pyrene	37.74	252	247570	8.62	ug/l	#	97
49)	Indeno(1,2,3-cd)pyrene	42.06	276	242834	7.00	ug/l		97
50)	Dibenz(a,h)anthracene	42.14	278	202328	7.54	ug/l		97
51)	Benzo(g,h,i)perylene	43.30	276	225959	7.99	ug/l		97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2502\REF1.D Vial: 7
Acq On : 25 Mar 2002 11:09 am Operator:
Sample : re-inject Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 13:56 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration