User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 12:30:06

Sample: AE12535
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 6/3/20 00:00 Ended: 6/3/20 00:00 Analyst: MG
Result source: c:\hpchem\1\data\jun0302\refa1.d\refa1.rr
Page: 1

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

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 12:30:17

Sample: AE12535
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 6/3/20 00:00 Ended: 6/3/20 00:00 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Vlol	Result	MDL
1	n-Nitrosodimethylamine		47	2.0
2	bis(2-Chloroethyl)ether		75	2.0
3	1,3-Dichlorobenzene		65	2.0
4	1,4-Dichlorobenzene		60	2.0
5	1,2-Dichlorobenzene		70	2.0
6	2,2-oxybis(1-Chloropropane)		75	2.0
7	n-Nitrosodi-n-propylamine		75	2.0
8	Hexachloroethane		50	2.0
9	Nitrobenzene		70	2.0
10	Isophorone		85	2.0
11	bis(2-Chloroethoxy)methane		75	2.0
12	1,2,4-Trichlorobenzene		70	2.0
13	Naphthalene		80	2.0
14	Hexachlorobutadiene		60	2.0
15	2-Chloronaphthalene		85	2.0
16	Dimethylphthalate		80	2.0
17	2,6-Dinitrotoluene		75	2.0
18	Acenaphthylene		75	2.0
19	Acenaphthene		85	2.0
20	2,4-Dinitrotoluene		75	2.0
21	Diethylphthalate		90	2.0
22	4-Chlorophenylphenylether		85	2.0
23	Fluorene		90	2.0
24	Azobenzene		75	2.0
25	n-Nitrosodiphenylamine		80	2.0
26	4-Bromophenylphenylether		80	2.0
27	Hexachlorobenzene		85	2.0
28	Phenanthrene		85	2.0
29	Anthracene		75	2.0
30	Di-n-butylphthalate		85	2.0
31	Fluoranthene		80	2.0
32	Pyrene		95	2.0
33	Butylbenzylphthalate		80	2.0
34	Benzo(a)anthracene		80	2.0
35	bis(2-Ethylhexyl)phthalate		75	2.0
36	Chrysene		85	2.0
37	Di-n-octylphthalate		65	2.0
38	Benzo(b)fluoranthene		80	2.0
39	Benzo(k)fluoranthene		80	2.0
40	Benzo(a)pyrene		55	2.0
41	Indeno(1,2,3-cd)pyrene		65	2.0
42	Dibenz(a,h)anthracene		75	2.0
43	Benzo(g,h,i)perylene		75	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\REFA1.D Vial: 14
Acq On : 3 Jun 2002 10:01 pm Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:35 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.06	152	499600	40.00	ug/l	-0.01
10) Naphthalene-d8	15.70	136	2013512	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.00	164	972143	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1518931	40.00	ug/l	0.00
38) Chrysene-d12	33.48	240	912738	40.00	ug/l	-0.02
44) Perylene-d12	37.66	264	549572	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.14	209	205663	30.58	ug/L	-0.01
Spiked Amount 40.000			Recovery = 76.45%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.72	74	144557	9.45	ug/l	97
3) bis(2-Chloroethyl)ether	11.47	93	290946	14.56	ug/l	99
4) 1,3-Dichlorobenzene	11.96	146	253810	12.79	ug/l	98
5) 1,4-Dichlorobenzene	12.11	146	268296	12.48	ug/l	100
6) 1,2-Dichlorobenzene	12.62	146	264405	13.97	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	12.96	45	479131	15.35	ug/l	98
8) N-Nitrosodi-n-propylamine	13.33	70	201792	14.61	ug/l	100
9) Hexachloroethane	13.47	117	85561	10.08	ug/l	96
11) Nitrobenzene	13.74	77	267906	14.41	ug/l	99
12) Isophorone	14.40	82	575773	16.51	ug/l	99
13) bis(2-Chloroethoxy)methane	15.08	93	348858	15.23	ug/l	99
14) 1,2,4-Trichlorobenzene	15.58	180	223393	14.31	ug/l	99
15) Naphthalene	15.76	128	866722	16.36	ug/l	100
16) Hexachlorobutadiene	16.30	225	80820	11.76	ug/l	98
18) Hexachlorocyclopentadiene	18.49	237	14150	2.37	ug/l	95
19) 2-Chloronaphthalene	19.25	162	449926	17.38	ug/l	100
20) Dimethylphthalate	20.35	163	532214	16.17	ug/l	98
21) 2,6-Dinitrotoluene	20.56	165	109644	14.75	ug/l	95
22) Acenaphthylene	20.52	152	681814	14.67	ug/l	99
23) Acenaphthene	21.08	153	467815	16.72	ug/l	99
24) 2,4-Dinitrotoluene	21.73	165	132610	15.24	ug/l	100
25) Diethylphthalate	22.48	149	539287	17.69	ug/l	100
26) 4-Chlorophenylphenylether	22.63	204	245055	16.90	ug/l	100
27) Fluorene	22.60	166	514457	18.10	ug/l	99
29) Azobenzene	23.09	77	556614	14.78	ug/L	99
31) N-Nitrosodiphenylamine	23.02	168	182867	16.49	ug/l	98
32) 4-Bromophenylphenylether	24.09	248	122797	16.11	ug/l	99
33) Hexachlorobenzene	24.52	284	145797	17.47	ug/l	99
34) Phenanthrene	25.50	178	735104	17.22	ug/l	99

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\REFA1.D Vial: 14
Acq On : 3 Jun 2002 10:01 pm Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:35 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.62	178	670521	15.05 ug/l	100
36) Di-n-butylphthalate	27.41	149	940939	17.19 ug/l	100
37) Fluoranthene	29.11	202	742588	16.36 ug/l	99
39) Pyrene	29.78	202	767576	18.74 ug/l	99
40) Butylbenzylphthalate	31.93	149	331074	15.80 ug/l	100
41) Benzo(a)anthracene	33.42	228	484349	16.12 ug/l	100
42) Bis(2-ethylhexyl)phthalate	33.71	149	420954	15.28 ug/l	100
43) Chrysene	33.55	228	518639	17.40 ug/l	99
45) Di-n-Octylphthalate	35.45	149	527177	13.19 ug/l	100
46) Benzo(b)fluoranthene	36.51	252	376573	16.24 ug/l	98
47) Benzo(k)fluoranthene	36.58	252	389927	16.22 ug/l	99
48) Benzo(a)pyrene	37.47	252	253849	11.33 ug/l	98
49) Indeno(1,2,3-cd)pyrene	41.62	276	282132	13.44 ug/l	98
50) Dibenz(a,h)anthracene	41.69	278	248390	15.03 ug/l	98
51) Benzo(g,h,i)perylene	42.80	276	256997	15.01 ug/l	98

(#) = qualifier out of range (m) = manual integration
REFA1.D GCMS0531.M Tue Jun 04 11:37:05 2002 Page 2

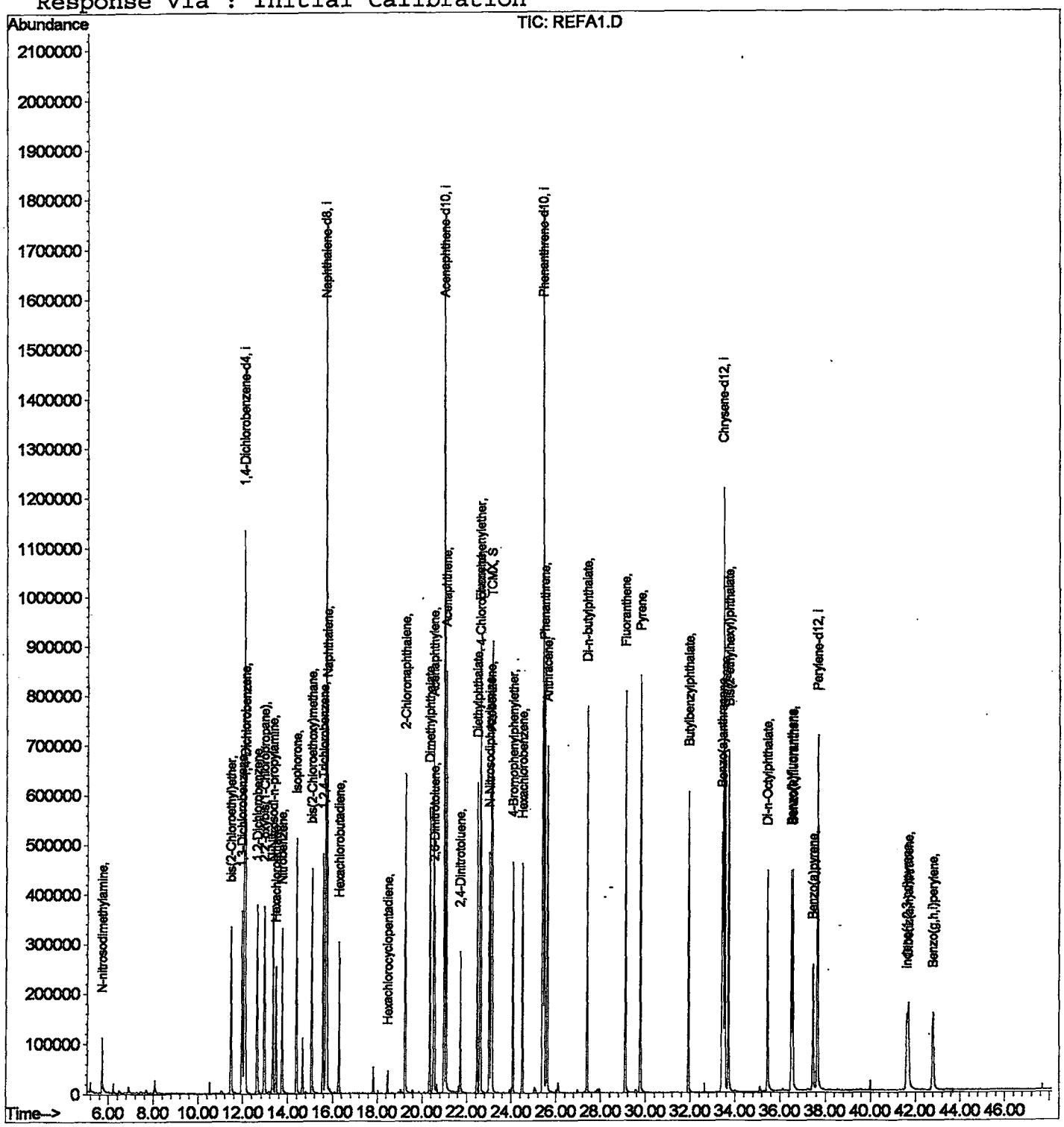
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\REFA1.D
Acq On : 3 Jun 2002 10:01 pm
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:35 2002

Vial: 14
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\REFA2.D Vial: 15
Acq On : 3 Jun 2002 11:00 pm Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:37 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	485220	40.00	ug/l	0.00
10) Naphthalene-d8	15.70	136	1956954	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	941684	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1458766	40.00	ug/l	0.00
38) Chrysene-d12	33.48	240	868326	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	512230	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	183507	28.17	ug/L	-0.02
Spiked Amount 40.000			Recovery = 70.43%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.73	74	129668	8.73	ug/l	98
3) bis(2-Chloroethyl)ether	11.47	93	253867	13.08	ug/l	99
4) 1,3-Dichlorobenzene	11.97	146	220138	11.42	ug/l	100
5) 1,4-Dichlorobenzene	12.11	146	230715	11.05	ug/l	99
6) 1,2-Dichlorobenzene	12.63	146	229602	12.49	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	12.95	45	414037	13.65	ug/l	98
8) N-Nitrosodi-n-propylamine	13.34	70	179447	13.38	ug/l	100
9) Hexachloroethane	13.48	117	73244	8.88	ug/l	96
11) Nitrobenzene	13.74	77	240059	13.29	ug/l	96
12) Isophorone	14.39	82	514520	15.18	ug/l	99
13) bis(2-Chloroethoxy)methane	15.08	93	305815	13.73	ug/l	99
14) 1,2,4-Trichlorobenzene	15.59	180	191032	12.59	ug/l	98
15) Naphthalene	15.75	128	753074	14.62	ug/l	99
16) Hexachlorobutadiene	16.30	225	70078	10.49	ug/l	99
18) Hexachlorocyclopentadiene	18.50	237	11338	1.96	ug/l	96
19) 2-Chloronaphthalene	19.25	162	394087	15.71	ug/l	99
20) Dimethylphthalate	20.35	163	485591	15.23	ug/l	99
21) 2,6-Dinitrotoluene	20.56	165	98151	13.63	ug/l	97
22) Acenaphthylene	20.52	152	611007	13.58	ug/l	99
23) Acenaphthene	21.09	153	420200	15.50	ug/l	100
24) 2,4-Dinitrotoluene	21.73	165	124209	14.74	ug/l	98
25) Diethylphthalate	22.48	149	496940	16.83	ug/l	99
26) 4-Chlorophenylphenylether	22.63	204	222343	15.83	ug/l	99
27) Fluorene	22.60	166	464027	16.85	ug/l	99
29) Azobenzene	23.10	77	510839	14.01	ug/L	97
31) N-Nitrosodiphenylamine	23.02	168	164792	15.47	ug/l	96
32) 4-Bromophenylphenylether	24.10	248	110738	15.13	ug/l	96
33) Hexachlorobenzene	24.52	284	132123	16.48	ug/l	96
34) Phenanthrene	25.49	178	664601	16.21	ug/l	100

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\REFA2.D Vial: 15
Acq On : 3 Jun 2002 11:00 pm Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:37 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Anthracene	25.62	178	601080	14.05	ug/l		100
36)	Di-n-butylphthalate	27.41	149	870851	16.57	ug/l		99
37)	Fluoranthene	29.11	202	677846	15.55	ug/l		100
39)	Pyrene	29.78	202	702933	18.04	ug/l		100
40)	Butylbenzylphthalate	31.93	149	303565	15.22	ug/l		100
41)	Benzo(a)anthracene	33.42	228	432836	15.14	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.71	149	383283	14.63	ug/l		99
43)	Chrysene	33.54	228	467041	16.47	ug/l		100
45)	Di-n-Octylphthalate	35.45	149	473940	12.72	ug/l	#	98
46)	Benzo(b)fluoranthene	36.51	252	329166	15.23	ug/l		99
47)	Benzo(k)fluoranthene	36.57	252	353750	15.79	ug/l		99
48)	Benzo(a)pyrene	37.46	252	223268	10.69	ug/l		98
49)	Indeno(1,2,3-cd)pyrene	41.61	276	247377	12.64	ug/l		99
50)	Dibenz(a,h)anthracene	41.69	278	213967	13.89	ug/l		97
51)	Benzo(g,h,i)perylene	42.80	276	222836	13.96	ug/l		100

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\REFA2.D
Acq On : 3 Jun 2002 11:00 pm
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:37 2002

Vial: 15
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration