

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 05/28/2002 Time: 14:35:53

Sample: AE12152
 Analysis: \$REGCMS Reference for GCMS Scan
 Units: ug
 Started: 5/24/20 00:06 Ended: 5/24/20 00:06 Analyst: MG
 Result source: c:\hpcchem\1\data\may2402\ref1.d\ref1.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		8.5	2.0
2	bis(2-Chloroethyl)ether		13	2.0
3	1,3-Dichlorobenzene		14	2.0
4	1,4-Dichlorobenzene		14	2.0
5	1,2-Dichlorobenzene		15	2.0
6	2,2-oxybis(1-Chloropropane)		9.4	2.0
7	n-Nitrosodi-n-propylamine		13	2.0
8	Hexachloroethane		9.5	2.0
9	Nitrobenzene		13	2.0
10	Isophorone		14	2.0
11	bis(2-Chloroethoxy)methane		13	2.0
12	1,2,4-Trichlorobenzene		16	2.0
13	Naphthalene		17	2.0
14	Hexachlorobutadiene		9.8	2.0
15	2-Chloronaphthalene		18	2.0
16	Dimethylphthalate		16	2.0
17	2,6-Dinitrotoluene		16	2.0
18	Acenaphthylene		15	2.0
19	Acenaphthene		17	2.0
20	2,4-Dinitrotoluene		17	2.0
21	Diethylphthalate		18	2.0
22	4-Chlorophenylphenylether		16	2.0
23	Fluorene		18	2.0
24	Azobenzene		12	2.0
25	n-Nitrosodiphenylamine		17	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		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		17	2.0
36	Chrysene		18	2.0
37	Di-n-octylphthalate		13	2.0
38	Benzo(b)fluoranthene		15	2.0
39	Benzo(k)fluoranthene		16	2.0
40	Benzo(a)pyrene		12	2.0
41	Indeno(1,2,3-cd)pyrene		15	2.0
42	Dibenz(a,h)anthracene		16	2.0
43	Benzo(g,h,i)perylene		16	2.0

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 05/28/2002 Time: 14:36:04

Sample: AE12152
 Analysis: \$Q_GCMS Ref calc for GCMS Scan
 Units: ug
 Started: 5/24/20 00:06 Ended: 5/24/20 00:06 Analyst: MG
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		42	2.0
2	bis(2-Chloroethyl)ether		65	2.0
3	1,3-Dichlorobenzene		70	2.0
4	1,4-Dichlorobenzene		70	2.0
5	1,2-Dichlorobenzene		75	2.0
6				
7	n-Nitrosodi-n-propylamine		65	2.0
8	Hexachloroethane		48	2.0
9	Nitrobenzene		65	2.0
10	Isophorone		70	2.0
11	bis(2-Chloroethoxy)methane		65	2.0
12	1,2,4-Trichlorobenzene		80	2.0
13	Naphthalene		85	2.0
14	Hexachlorobutadiene		49	2.0
15	2-Chloronaphthalene		90	2.0
16	Dimethylphthalate		80	2.0
17	2,6-Dinitrotoluene		80	2.0
18	Acenaphthylene		75	2.0
19	Acenaphthene		85	2.0
20	2,4-Dinitrotoluene		85	2.0
21	Diethylphthalate		90	2.0
22	4-Chlorophenylphenylether		80	2.0
23	Fluorene		90	2.0
24	Azobenzene		60	2.0
25	n-Nitrosodiphenylamine		85	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		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		85	2.0
36	Chrysene		90	2.0
37	Di-n-octylphthalate		65	2.0
38	Benzo(b)fluoranthene		75	2.0
39	Benzo(k)fluoranthene		80	2.0
40	Benzo(a)pyrene		60	2.0
41	Indeno(1,2,3-cd)pyrene		75	2.0
42	Dibenz(a,h)anthracene		80	2.0
43	Benzo(g,h,i)perylene		80	2.0

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\REF1.D
 Acq On : 24 May 2002 6:29 pm
 Sample : gc/ms scan 5/22
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 28 11:42 2002

Vial: 4
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue May 28 11:39:13 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	591266	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	2384777	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.09	164	1162399	40.00	ug/l	0.00
30) Phenanthrene-d10	25.53	188	1700586	40.00	ug/l	0.00
38) Chrysene-d12	33.60	240	938566	40.00	ug/l	0.00
44) Perylene-d12	37.83	264	651890	40.00	ug/l	0.02

System Monitoring Compounds

28) TCMX	23.24	209	197650	33.83	ug/L	0.00
Spiked Amount	40.000		Recovery	=	84.58%	

Target Compounds

						Qvalue
2) N-nitrosodimethylamine	5.80	74	151090	8.51	ug/l	80
3) bis(2-Chloroethyl) ether	11.54	93	306860	13.05	ug/l	91
4) 1,3-Dichlorobenzene	12.04	146	267228	14.05	ug/l	97
5) 1,4-Dichlorobenzene	12.19	146	282161	13.53	ug/l	98
6) 1,2-Dichlorobenzene	12.70	146	274695	15.21	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.02	45	497742	9.36	ug/l #	93
8) N-Nitrosodi-n-propylamine	13.41	70	211604	12.67	ug/l #	86
9) Hexachloroethane	13.55	117	84317	9.47	ug/l	93
11) Nitrobenzene	13.82	77	271218	13.09	ug/l #	85
12) Isophorone	14.47	82	586820	14.30	ug/l #	94
13) bis(2-Chloroethoxy) methane	15.16	93	361023	13.12	ug/l #	98
14) 1,2,4-Trichlorobenzene	15.67	180	232960	15.64	ug/l	99
15) Naphthalene	15.83	128	902353	16.76	ug/l	98
16) Hexachlorobutadiene	16.38	225	70799	9.82	ug/l	97
18) Hexachlorocyclopentadiene	18.58	237	19131	4.06	ug/l	97
19) 2-Chloronaphthalene	19.34	162	469761	18.13	ug/l	97
20) Dimethylphthalate	20.44	163	537864	16.49	ug/l	100
21) 2,6-Dinitrotoluene	20.65	165	108367	15.96	ug/l	93
22) Acenaphthylene	20.61	152	707946	14.91	ug/l	98
23) Acenaphthene	21.18	153	479069	16.89	ug/l	99
24) 2,4-Dinitrotoluene	21.83	165	129258	17.37	ug/l #	82
25) Diethylphthalate	22.58	149	537354	17.83	ug/l	99
26) 4-Chlorophenylphenylether	22.73	204	238001	15.80	ug/l	97
27) Fluorene	22.70	166	522031	18.15	ug/l	98
29) Azobenzene	23.19	77	536632	12.36	ug/L #	89
31) N-Nitrosodiphenylamine	23.12	168	186758	16.67	ug/l #	85
32) 4-Bromophenylphenylether	24.19	248	115942	13.06	ug/l	95
33) Hexachlorobenzene	24.63	284	138072	14.50	ug/l #	91
34) Phenanthrene	25.60	178	715421	17.44	ug/l	99

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

REF1.D GCMS0520.M Tue May 28 11:42:23 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\REF1.D

Vial: 4

Acq On : 24 May 2002 6:29 pm

Operator: Morgan

Sample : gc/ms scan 5/22

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 28 11:42 2002

Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue May 28 11:39:13 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0520

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.74	178	652120	15.46 ug/l	99
36) Di-n-butylphthalate	27.52	149	885410	15.86 ug/l	99
37) Fluoranthene	29.22	202	654353	15.77 ug/l	100
39) Pyrene	29.90	202	670782	19.49 ug/l	95
40) Butylbenzylphthalate	32.05	149	288771	16.42 ug/l	90
41) Benzo(a)anthracene	33.55	228	418932	16.31 ug/l	99
42) Bis(2-ethylhexyl)phthalate	33.83	149	381753	16.51 ug/l #	97
43) Chrysene	33.68	228	451953	17.82 ug/l	99
45) Di-n-Octylphthalate	35.58	149	487533	12.93 ug/l #	91
46) Benzo(b)fluoranthene	36.65	252	357983m	14.74 ug/l	
47) Benzo(k)fluoranthene	36.72	252	396838m	15.79 ug/l	
48) Benzo(a)pyrene	37.63	252	272458	12.08 ug/l #	95
49) Indeno(1,2,3-cd)pyrene	41.89	276	315541	14.56 ug/l	98
50) Dibenz(a,h)anthracene	41.97	278	273509	15.79 ug/l	95
51) Benzo(g,h,i)perylene	43.11	276	283440	16.36 ug/l	95

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

REF1.D GCMS0520.M

Tue May 28 11:42:23 2002

Page 2

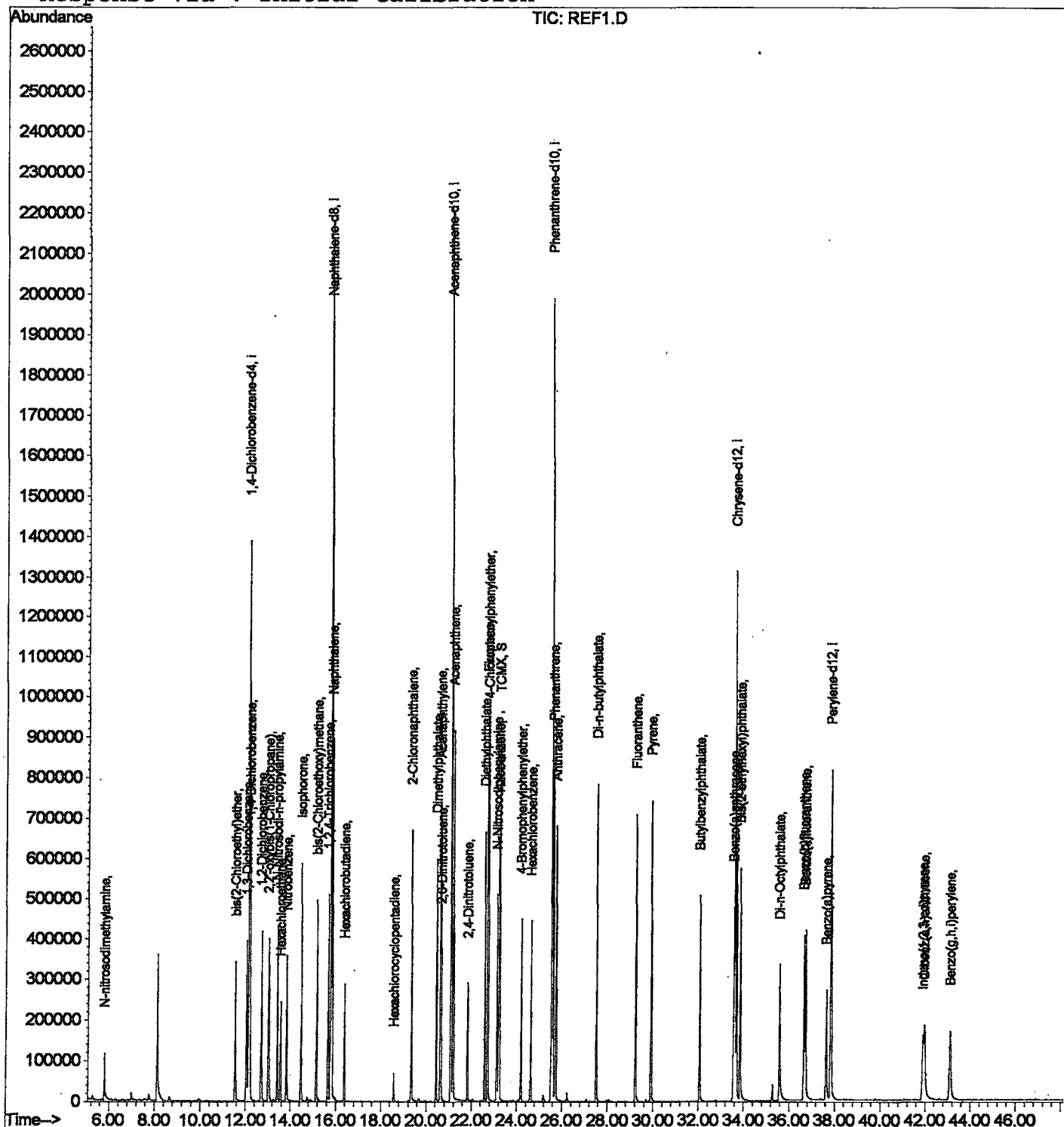
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2402\REF1.D
Acq On : 24 May 2002 6:29 pm
Sample : gc/ms scan 5/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 28 11:42 2002

Vial: 4
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  : Tue May 28 11:39:13 2002
Response via : Initial Calibration
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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\REF2.D

Vial: 5

Acq On : 24 May 2002 7:28 pm

Operator: Morgan

Sample : gc/ms scan 5/22

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 28 11:42 2002

Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue May 28 11:39:13 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	547482	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	2175643	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	1045681	40.00	ug/l	0.00
30) Phenanthrene-d10	25.53	188	1517386	40.00	ug/l	0.00
38) Chrysene-d12	33.58	240	826044	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	553634	40.00	ug/l	-0.01

System Monitoring Compounds

28) TCMX	23.22	209	180417	34.33	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	85.82%	

Target Compounds

						Qvalue
2) N-nitrosodimethylamine	5.79	74	143292	8.72	ug/l	82
3) bis(2-Chloroethyl) ether	11.54	93	279832	12.85	ug/l	94
4) 1,3-Dichlorobenzene	12.04	146	247025	14.02	ug/l	98
5) 1,4-Dichlorobenzene	12.19	146	259820	13.46	ug/l	99
6) 1,2-Dichlorobenzene	12.70	146	254976	15.25	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.02	45	454826	9.23	ug/l #	93
8) N-Nitrosodi-n-propylamine	13.41	70	190090	12.30	ug/l #	85
9) Hexachloroethane	13.55	117	77865	9.45	ug/l	93
11) Nitrobenzene	13.82	77	244336	12.92	ug/l #	87
12) Isophorone	14.47	82	544139	14.53	ug/l #	94
13) bis(2-Chloroethoxy) methane	15.16	93	329082	13.11	ug/l #	98
14) 1,2,4-Trichlorobenzene	15.67	180	209519	15.42	ug/l	99
15) Naphthalene	15.83	128	811523	16.52	ug/l	98
16) Hexachlorobutadiene	16.38	225	62599	9.52	ug/l	98
18) Hexachlorocyclopentadiene	18.58	237	16432	3.88	ug/l	96
19) 2-Chloronaphthalene	19.34	162	417382	17.91	ug/l	96
20) Dimethylphthalate	20.43	163	484272	16.51	ug/l	99
21) 2,6-Dinitrotoluene	20.65	165	97385	15.95	ug/l #	89
22) Acenaphthylene	20.61	152	633309	14.83	ug/l	97
23) Acenaphthene	21.17	153	432572	16.95	ug/l	100
24) 2,4-Dinitrotoluene	21.82	165	114818	17.15	ug/l #	84
25) Diethylphthalate	22.57	149	485595	17.91	ug/l	100
26) 4-Chlorophenylphenylether	22.72	204	215557	15.91	ug/l	97
27) Fluorene	22.70	166	468744	18.12	ug/l	99
29) Azobenzene	23.18	77	484003	12.39	ug/L #	89
31) N-Nitrosodiphenylamine	23.11	168	169784	16.98	ug/l #	83
32) 4-Bromophenylphenylether	24.18	248	105062	13.26	ug/l	95
33) Hexachlorobenzene	24.62	284	123668	14.55	ug/l #	93
34) Phenanthrene	25.59	178	631990	17.27	ug/l	100

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

REF2.D GCMS0520.M

Tue May 28 11:44:29 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\REF2.D

Vial: 5

Acq On : 24 May 2002 7:28 pm

Operator: Morgan

Sample : gc/ms scan 5/22

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 28 11:42 2002

Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue May 28 11:39:13 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0520

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.72	178	580266	15.41	ug/l	100
36) Di-n-butylphthalate	27.50	149	799937	16.06	ug/l	100
37) Fluoranthene	29.21	202	587531	15.87	ug/l	98
39) Pyrene	29.89	202	604840	19.97	ug/l	93
40) Butylbenzylphthalate	32.02	149	262368	16.95	ug/l	91
41) Benzo(a)anthracene	33.52	228	361536	15.99	ug/l	99
42) Bis(2-ethylhexyl)phthalate	33.81	149	341171	16.77	ug/l	99
43) Chrysene	33.65	228	395501	17.72	ug/l	99
45) Di-n-Octylphthalate	35.55	149	414498	12.94	ug/l #	92
46) Benzo(b)fluoranthene	36.62	252	296502	14.37	ug/l	98
47) Benzo(k)fluoranthene	36.69	252	318285	14.91	ug/l	97
48) Benzo(a)pyrene	37.60	252	227047	11.86	ug/l	97
49) Indeno(1,2,3-cd)pyrene	41.83	276	254335	13.81	ug/l	95
50) Dibenz(a,h)anthracene	41.90	278	221556	15.06	ug/l #	93
51) Benzo(g,h,i)perylene	43.04	276	234255	15.92	ug/l	94

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

REF2.D GCMS0520.M

Tue May 28 11:44:30 2002

Page 2

Quantitation Report

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Data File : C:\HPCHEM\1\DATA\MAY2402\REF2.D
Acq On    : 24 May 2002    7:28 pm
Sample    : gc/ms scan 5/22
Misc      :
MS Integration Params: GOOFY.P
Quant Time: May 28 11:42 2002
```

Vial: 5
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

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Method       : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Last Update  : Tue May 28 11:39:13 2002
Response via : Initial Calibration
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