

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 12:23:12

Sample: AE12278
 Analysis: \$REGCMS Reference for GCMS Scan
 Units: ug
 Started: 5/30/20 00:03 Ended: 5/30/20 00:03 Analyst: MG
 Result source: c:\hpcchem\1\data\may2902\refa1.d\refa1.rr
 Page: 1

	Component Name	Vol	Result	MDL
1	n-Nitrosodimethylamine		10	2.0
2	bis(2-Chloroethyl)ether		16	2.0
3	1,3-Dichlorobenzene		15	2.0
4	1,4-Dichlorobenzene		15	2.0
5	1,2-Dichlorobenzene		17	2.0
6	2,2-oxybis(1-Chloropropane)		12	2.0
7	n-Nitrosodi-n-propylamine		15	2.0
8	Hexachloroethane		9.8	2.0
9	Nitrobenzene		16	2.0
10	Isophorone		18	2.0
11	bis(2-Chloroethoxy)methane		16	2.0
12	1,2,4-Trichlorobenzene		17	2.0
13	Naphthalene		19	2.0
14	Hexachlorobutadiene		11	2.0
15	2-Chloronaphthalene		21	2.0
16	Dimethylphthalate		20	2.0
17	2,6-Dinitrotoluene		19	2.0
18	Acenaphthylene		18	2.0
19	Acenaphthene		20	2.0
20	2,4-Dinitrotoluene		21	2.0
21	Diethylphthalate		22	2.0
22	4-Chlorophenylphenylether		20	2.0
23	Fluorene		22	2.0
24	Azobenzene		16	2.0
25	n-Nitrosodiphenylamine		16	2.0
26	4-Bromophenylphenylether		16	2.0
27	Hexachlorobenzene		17	2.0
28	Phenanthrene		21	2.0
29	Anthracene		18	2.0
30	Di-n-butylphthalate		20	2.0
31	Fluoranthene		20	2.0
32	Pyrene		23	2.0
33	Butylbenzylphthalate		20	2.0
34	Benzo(a)anthracene		20	2.0
35	bis(2-Ethylhexyl)phthalate		20	2.0
36	Chrysene		21	2.0
37	Di-n-octylphthalate		18	2.0
38	Benzo(b)fluoranthene		18	2.0
39	Benzo(k)fluoranthene		19	2.0
40	Benzo(a)pyrene		13	2.0
41	Indeno(1,2,3-cd)pyrene		16	2.0
42	Dibenz(a,h)anthracene		17	2.0
43	Benzo(g,h,i)perylene		18	2.0

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 12:23:21

Sample: AE12278
 Analysis: \$Q_GCMS Ref calc for GCMS Scan
 Units: ug
 Started: 5/30/20 00:03 Ended: 5/30/20 00:03 Analyst: MG
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	MDE
1	n-Nitrosodimethylamine		50	2.0
2	bis(2-Chloroethyl)ether		80	2.0
3	1,3-Dichlorobenzene		75	2.0
4	1,4-Dichlorobenzene		75	2.0
5	1,2-Dichlorobenzene		85	2.0
6	2,2-oxybis(1-Chloropropane)		60	2.0
7	n-Nitrosodi-n-propylamine		75	2.0
8	Hexachloroethane		49	2.0
9	Nitrobenzene		80	2.0
10	Isophorone		90	2.0
11	bis(2-Chloroethoxy)methane		80	2.0
12	1,2,4-Trichlorobenzene		85	2.0
13	Naphthalene		95	2.0
14	Hexachlorobutadiene		55	2.0
15	2-Chloronaphthalene		100	2.0
16	Dimethylphthalate		100	2.0
17	2,6-Dinitrotoluene		95	2.0
18	Acenaphthylene		90	2.0
19	Acenaphthene		100	2.0
20	2,4-Dinitrotoluene		100	2.0
21	Diethylphthalate		110	2.0
22	4-Chlorophenylphenylether		100	2.0
23	Fluorene		110	2.0
24	Azobenzene		80	2.0
25	n-Nitrosodiphenylamine		80	2.0
26	4-Bromophenylphenylether		80	2.0
27	Hexachlorobenzene		85	2.0
28	Phenanthrene		100	2.0
29	Anthracene		90	2.0
30	Di-n-butylphthalate		100	2.0
31	Fluoranthene		100	2.0
32	Pyrene		20	2.0
33	Butylbenzylphthalate		100	2.0
34	Benzo(a)anthracene		100	2.0
35	bis(2-Ethylhexyl)phthalate		100	2.0
36	Chrysene		100	2.0
37	Di-n-octylphthalate		90	2.0
38	Benzo(b)fluoranthene		90	2.0
39	Benzo(k)fluoranthene		95	2.0
40	Benzo(a)pyrene		65	2.0
41	Indeno(1,2,3-cd)pyrene		80	2.0
42	Dibenz(a,h)anthracene		85	2.0
43	Benzo(g,h,i)perylene		90	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\REFA1.D

Vial: 17

Acq On : 30 May 2002 3:03 am

Operator: Morgan

Sample : gc/ms scan 5/23

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 30 9:46 2002

Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue May 28 08:55:48 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	598339	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2437964	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1184186	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.42	188	1840385	40.00	ug/l	-0.11
38) Chrysene-d12	33.48	240	1147751	40.00	ug/l	-0.13
44) Perylene-d12	37.66	264	727789	40.00	ug/l	-0.14

System Monitoring Compounds

28) TCMX	23.14	209	253007	30.95	ug/L	-0.09
Spiked Amount	40.000		Recovery	=	77.38%	

Target Compounds

						Qvalue
2) N-nitrosodimethylamine	5.73	74	187694	10.45	ug/l	80
3) bis(2-Chloroethyl) ether	11.47	93	376566	15.83	ug/l	93
4) 1,3-Dichlorobenzene	11.97	146	287709	14.94	ug/l	100
5) 1,4-Dichlorobenzene	12.11	146	307565	14.58	ug/l	99
6) 1,2-Dichlorobenzene	12.63	146	306502	16.77	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	12.95	45	621539	11.55	ug/l #	93
8) N-Nitrosodi-n-propylamine	13.33	70	259248	15.34	ug/l #	85
9) Hexachloroethane	13.47	117	88489	9.82	ug/l	98
11) Nitrobenzene	13.75	77	339224	16.01	ug/l #	86
12) Isophorone	14.40	82	742821	17.70	ug/l #	94
13) bis(2-Chloroethoxy) methane	15.08	93	449332	15.98	ug/l	99
14) 1,2,4-Trichlorobenzene	15.58	180	255414	16.77	ug/l	98
15) Naphthalene	15.75	128	1065923	19.36	ug/l #	81
16) Hexachlorobutadiene	16.30	225	81556	11.07	ug/l	98
18) Hexachlorocyclopentadiene	18.49	237	11830	2.46	ug/l	95
19) 2-Chloronaphthalene	19.25	162	551334	20.89	ug/l	96
20) Dimethylphthalate	20.35	163	671352	20.21	ug/l	100
21) 2,6-Dinitrotoluene	20.56	165	132414	19.15	ug/l	96
22) Acenaphthylene	20.52	152	859001	17.76	ug/l	97
23) Acenaphthene	21.08	153	583686	20.20	ug/l	99
24) 2,4-Dinitrotoluene	21.72	165	160356	21.15	ug/l	89
25) Diethylphthalate	22.48	149	679798	22.14	ug/l	98
26) 4-Chlorophenylphenylether	22.63	204	300916	19.61	ug/l	100
27) Fluorene	22.61	166	639106	21.82	ug/l	99
29) Azobenzene	23.09	77	692636	15.66	ug/L	91
31) N-Nitrosodiphenylamine	23.02	168	194772	16.06	ug/l #	86
32) 4-Bromophenylphenylether	24.09	248	151444	15.76	ug/l	95
33) Hexachlorobenzene	24.52	284	176677	17.14	ug/l	95
34) Phenanthrene	25.49	178	914529	20.61	ug/l	99

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

REFA1.D GCMS0528.M

Thu May 30 09:58:54 2002

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\REFA1.D
 Acq On : 30 May 2002 3:03 am
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 30 9:46 2002

Vial: 17
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue May 28 08:55:48 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0528

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.63	178	803642	17.60	ug/l	100
36) Di-n-butylphthalate	27.41	149	1204993	19.95	ug/l	99
37) Fluoranthene	29.11	202	916456	20.41	ug/l	95
39) Pyrene	29.78	202	963575	22.90	ug/l	92
40) Butylbenzylphthalate	31.93	149	433926	20.18	ug/l	89
41) Benzo(a)anthracene	33.42	228	617001	19.64	ug/l	99
42) Bis(2-ethylhexyl)phthalate	33.71	149	574714	20.33	ug/l	98
43) Chrysene	33.55	228	662504	21.36	ug/l	99
45) Di-n-Octylphthalate	35.45	149	775317	18.41	ug/l #	92
46) Benzo(b)fluoranthene	36.50	252	493826	18.21	ug/l	97
47) Benzo(k)fluoranthene	36.57	252	540990	19.28	ug/l	97
48) Benzo(a)pyrene	37.46	252	330257	13.12	ug/l #	96
49) Indeno(1,2,3-cd)pyrene	41.62	276	391334	16.17	ug/l	97
50) Dibenz(a,h)anthracene	41.69	278	333497	17.25	ug/l	96
51) Benzo(g,h,i)perylene	42.80	276	348230	18.00	ug/l	94

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

REFA1.D GCMS0528.M Thu May 30 09:58:54 2002

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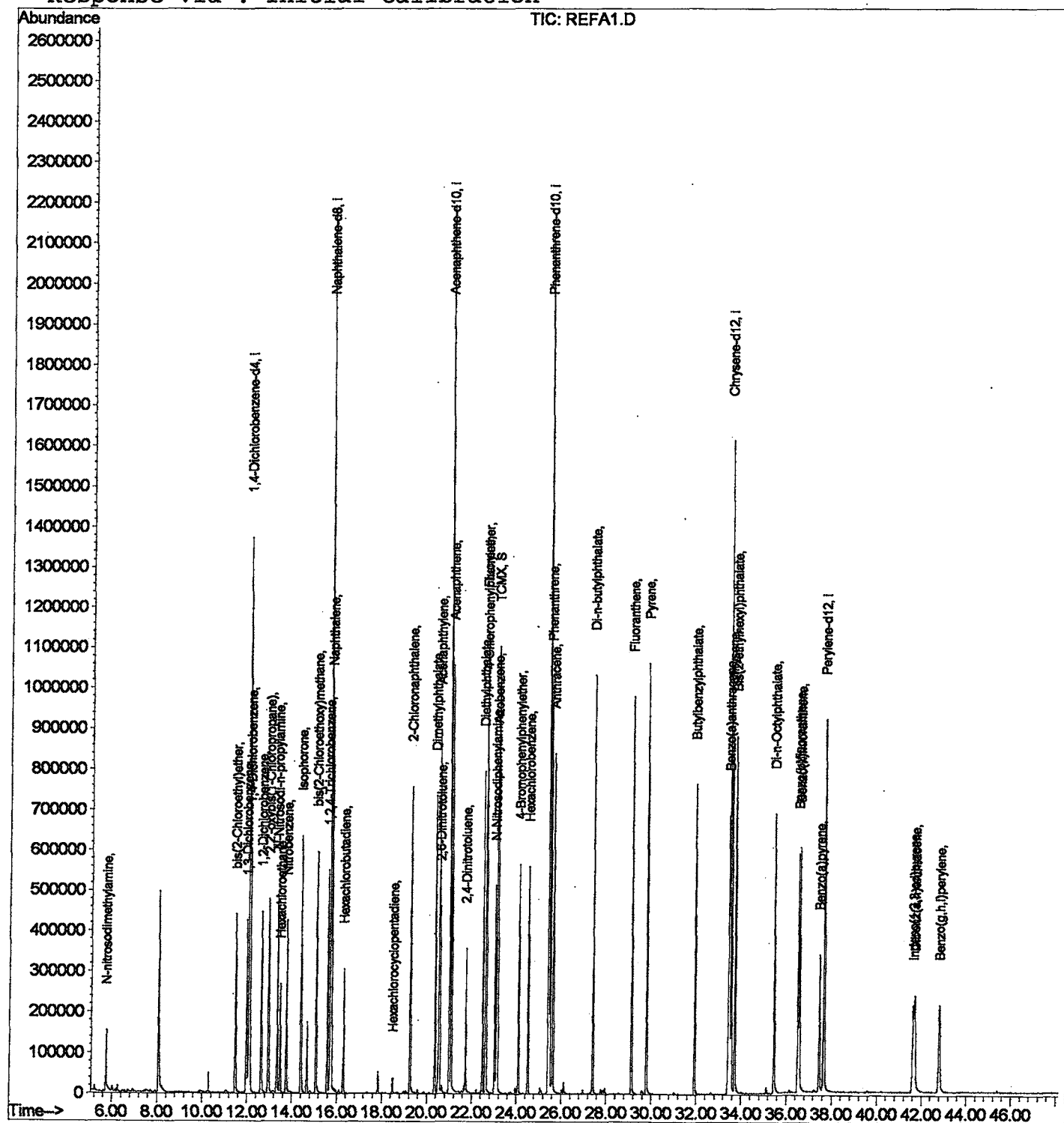
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\REFA1.D
Acq On : 30 May 2002 3:03 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 9:46 2002

Vial: 17
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209.625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\REFA2.D

Vial: 18

Acq On : 30 May 2002 4:01 am

Operator: Morgan

Sample : gc/ms scan 5/23

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 30 9:59 2002

Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue May 28 08:55:48 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	626032	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2526355	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1216324	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1891416	40.00	ug/l	-0.10
38) Chrysene-d12	33.48	240	1179430	40.00	ug/l	-0.12
44) Perylene-d12	37.65	264	743514	40.00	ug/l	-0.15

System Monitoring Compounds

28) TCMX	23.14	209	260713	31.05	ug/L	-0.10
Spiked Amount	40.000		Recovery	=	77.63%	

Target Compounds

						Qvalue
2) N-nitrosodimethylamine	5.72	74	186183	9.91	ug/l	83
3) bis(2-Chloroethyl) ether	11.47	93	374961	15.06	ug/l	93
4) 1,3-Dichlorobenzene	11.97	146	266994	13.25	ug/l	99
5) 1,4-Dichlorobenzene	12.11	146	290007	13.14	ug/l	99
6) 1,2-Dichlorobenzene	12.63	146	290983	15.22	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	12.95	45	620367	11.02	ug/l #	93
8) N-Nitrosodi-n-propylamine	13.33	70	261463	14.79	ug/l #	86
9) Hexachloroethane	13.47	117	77717	8.25	ug/l	98
11) Nitrobenzene	13.75	77	349045	15.90	ug/l #	87
12) Isophorone	14.40	82	753329	17.33	ug/l #	93
13) bis(2-Chloroethoxy)methane	15.08	93	451473	15.49	ug/l #	98
14) 1,2,4-Trichlorobenzene	15.58	180	246425	15.62	ug/l	99
15) Naphthalene	15.75	128	1059720	18.58	ug/l #	81
16) Hexachlorobutadiene	16.30	225	67726	8.87	ug/l	98
18) Hexachlorocyclopentadiene	18.49	237	9776	1.98	ug/l	99
19) 2-Chloronaphthalene	19.25	162	549131	20.25	ug/l	96
20) Dimethylphthalate	20.35	163	693767	20.33	ug/l	99
21) 2,6-Dinitrotoluene	20.56	165	137216	19.32	ug/l	93
22) Acenaphthylene	20.52	152	861605	17.35	ug/l	98
23) Acenaphthene	21.08	153	593378	19.99	ug/l	99
24) 2,4-Dinitrotoluene	21.72	165	170891	21.95	ug/l #	88
25) Diethylphthalate	22.49	149	710503	22.53	ug/l	99
26) 4-Chlorophenylphenylether	22.63	204	302918	19.22	ug/l	99
27) Fluorene	22.61	166	650847	21.63	ug/l	99
29) Azobenzene	23.09	77	710910	15.65	ug/L #	92
31) N-Nitrosodiphenylamine	23.02	168	194983	15.64	ug/l #	86
32) 4-Bromophenylphenylether	24.09	248	155263	15.72	ug/l	93
33) Hexachlorobenzene	24.52	284	182262	17.21	ug/l	94
34) Phenanthrene	25.50	178	927741	20.34	ug/l	99

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

REFA2.D GCMS0528.M

Thu May 30 10:00:37 2002

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\REFA2.D

Vial: 18

Acq On : 30 May 2002 4:01 am

Operator: Morgan

Sample : gc/ms scan 5/23

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 30 9:59 2002

Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue May 28 08:55:48 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0528

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.63	178	819789	17.47	ug/l	100
36) Di-n-butylphthalate	27.41	149	1283514	20.67	ug/l	99
37) Fluoranthene	29.11	202	957247	20.74	ug/l	95
39) Pyrene	29.78	202	1002140	23.17	ug/l	93
40) Butylbenzylphthalate	31.93	149	462098	20.91	ug/l	88
41) Benzo(a)anthracene	33.42	228	641904	19.88	ug/l	99
42) Bis(2-ethylhexyl)phthalate	33.71	149	601923	20.72	ug/l	98
43) Chrysene	33.55	228	684308	21.47	ug/l	99
45) Di-n-Octylphthalate	35.45	149	819271	19.05	ug/l #	91
46) Benzo(b)fluoranthene	36.51	252	539303	19.46	ug/l	97
47) Benzo(k)fluoranthene	36.58	252	534373	18.64	ug/l	98
48) Benzo(a)pyrene	37.47	252	344474	13.39	ug/l	96
49) Indeno(1,2,3-cd)pyrene	41.62	276	406586	16.44	ug/l	99
50) Dibenz(a,h)anthracene	41.69	278	347338	17.58	ug/l	96
51) Benzo(g,h,i)perylene	42.80	276	357507	18.09	ug/l	96

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

REFA2.D GCMS0528.M

Thu May 30 10:00:38 2002

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\REFA2.D
Acq On : 30 May 2002 4:01 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 9:59 2002

Vial: 18
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0528.RES

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Method       : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Last Update  : Tue May 28 08:55:48 2002
Response via : Initial Calibration
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