User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 02/06/2002 Time: 11:23:33

Sample: AD31248
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 1/9/20 00:05 Ended: 1/9/20 00:05 Analyst: MG
Result source: m:\instruments\209\data\jan0802\refc.d\refc.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		1.3		2.0
2	bis(2-Chloroethyl)ether		2.0		2.0
3	1,3-Dichlorobenzene		1.3		2.0
4	1,4-Dichlorobenzene		1.4		2.0
5	1,2-Dichlorobenzene		1.5		2.0
6	2,2-oxybis(1-Chloropropane)		2.2		2.0
7	n-Nitrosodi-n-propylamine		2.2		2.0
8	Hexachloroethane		1.0		2.0
9	Nitrobenzene		1.8		2.0
10	Isophorone		2.2		2.0
11	bis(2-Chloroethoxy)methane		2.1		2.0
12	1,2,4-Trichlorobenzene		1.4		2.0
13	Naphthalene		2.0		2.0
14	Hexachlorobutadiene		1.0		2.0
15	2-Chloronaphthalene		1.8		2.0
16	Dimethylphthalate		2.4		2.0
17	2,6-Dinitrotoluene		1.5		2.0
18	Acenaphthylene		2.0		2.0
19	Acenaphthene		2.2		2.0
20	2,4-Dinitrotoluene		1.5		2.0
21	Diethylphthalate		2.6		2.0
22	4-Chlorophenylphenylether		2.2		2.0
23	Fluorene		2.3		2.0
24	Azobenzene/1,2-Diphenylhydraz		2.0		2.0
25	n-Nitrosodiphenylamine		2.1		2.0
26	4-Bromophenylphenylether		2.2		2.0
27	Hexachlorobenzene		2.2		2.0
28	Phenanthrene		2.5		2.0
29	Anthracene		2.3		2.0
30	Di-n-butylphthalate		2.4		2.0
31	Fluoranthene		2.4		2.0
32	Pyrene		2.3		2.0
33	Butylbenzylphthalate		1.7		2.0
34	Benzo(a)anthracene		2.4		2.0
35	bis(2-Ethylhexyl)phthalate		1.6		2.0
36	Chrysene		2.6		2.0
37	Di-n-octylphthalate		1.0		2.0
38	Benzo(b)fluoranthene		1.9		2.0
39	Benzo(k)fluoranthene		2.6		2.0
40	Benzo(a)pyrene		1.8		2.0
41	Indeno(1,2,3-cd)pyrene		1.8		2.0
42	Dibenz(a,h)anthracene		2.1		2.0
43	Benzo(g,h,i)perylene		2.1		2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 02/06/2002 Time: 11:23:42

Sample: AD31248
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 1/9/20 00:05 Ended: 1/9/20 00:05 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		26		2.0
2	Bis(2-Chloroethyl)ether	LSPEC	40		2.0
3	1,3-Dichlorobenzene		26		2.0
4	1,4-Dichlorobenzene		28		2.0
5	1,2-Dichlorobenzene		30		2.0
6	2,2'-oxybis(1-Chloropropane)	LSPEC	44		2.0
7	n-Nitrosodi-n-propylamine	LSPEC	44		2.0
8	Hexachloroethane		20		2.0
9	Nitrobenzene	LSPEC	36		2.0
10	Isophorone	LSPEC	44		2.0
11	bis(2-Chloroethoxy)methane	LSPEC	42		2.0
12	1,2,4-Trichlorobenzene		28		2.0
13	Naphthalene		40		2.0
14	Hexachlorobutadiene		20		2.0
15	2-Chloronaphthalene	LSPEC	36		2.0
16	Dimethylphthalate	LSPEC	48		2.0
17	2,6-Dinitrotoluene		30		2.0
18	Acenaphthylene	LSPEC	40		2.0
19	Acenaphthene	LSPEC	44		2.0
20	2,4-Dinitrotoluene		30		2.0
21	Diethylphthalate		52		2.0
22	4-Chlorophenylphenylether	LSPEC	44		2.0
23	Fluorene	LSPEC	46		2.0
24	Azobenzene/1,2-Diphenylhydra	LSPEC	40		2.0
25	n-Nitrosodiphenylamine	LSPEC	42		2.0
26	4-Bromophenylphenylether	LSPEC	44		2.0
27	Hexachlorobenzene	LSPEC	44		2.0
28	Phenanthrene	LSPEC	50		2.0
29	Anthracene	LSPEC	46		2.0
30	Di-n-butylphthalate	LSPEC	46		2.0
31	Fluoranthene		48		2.0
32	Pyrene	LSPEC	46		2.0
33	Butylbenzylphthalate		34		2.0
34	Benzo(a)anthracene		48		2.0
35	Bis(2-Ethylhexyl)phthalate	LSPEC	42		2.0
36	Chrysene	LSPEC	52		2.0
37	Di-n-octylphthalate		20		2.0
38	Benzo(b)fluoranthene	LSPEC	38		2.0
39	Benzo(k)fluoranthene	LSPEC	52		2.0
40	Benzo(a)pyrene	LSPEC	36		2.0
41	Indeno(1,2,3-cd)pyrene	LSPEC	36		2.0
42	Dibenz(a,h)anthracene	LSPEC	42		2.0
43	Benzo(g,h,i)perylene	LSPEC	42		2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\REFC.D Vial: 5
Acq On : 9 Jan 2002 5:39 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 10:55 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	798186	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3133513	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1561935	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2234449	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1382761	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	797789	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	99470	3.88	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 77.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.30	74	50572	1.32	ug/l	93
3) bis(2-Chloroethyl)ether	10.96	93	120801	1.95	ug/l	98
4) 1,3-Dichlorobenzene	11.43	146	69108	1.25	ug/l	100
5) 1,4-Dichlorobenzene	11.58	146	77748m	1.40	ug/l	
6) 1,2-Dichlorobenzene	12.08	146	78497	1.53	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	12.43	45	201322	2.19	ug/l	97
8) N-Nitroso-di-n-propylamine	12.82	70	84666	2.19	ug/l	97
9) Hexachloroethane	12.92	117	21759	0.96	ug/l	99
11) Nitrobenzene	13.21	77	110353	1.82	ug/l	97
12) Isophorone	13.85	82	241285	2.24	ug/l	99
13) bis(2-Chloroethoxy)methane	14.54	93	148132	2.12	ug/l	99
14) 1,2,4-Trichlorobenzene	15.02	180	60577	1.42	ug/l	98
15) Naphthalene	15.18	128	279676	1.95	ug/l	99
16) Hexachlorobutadiene	15.74	225	20065	0.93	ug/l	98
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.66	162	146615	1.81	ug/l	98
20) Dimethylphthalate	19.78	163	229773	2.42	ug/l	99
21) 2,6-Dinitrotoluene	19.99	165	34461	1.53	ug/l	88
22) Acenaphthylene	19.92	152	237982	2.00	ug/l	100
23) Acenaphthene	20.48	153	176482	2.16	ug/l	98
24) 2,4-Dinitrotoluene	21.16	165	42285	1.47	ug/l	90
25) Diethylphthalate	21.91	149	245349	2.61	ug/l	99
26) 4-Chlorophenyl-phenylether	22.03	204	82876	2.17	ug/l	99
27) Fluorene	22.00	166	189797	2.29	ug/l	99
28) Azobenzen/ 1,2-Diphenylhyd	22.50	77	217320	1.95	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\REFC.D Vial: 5
Acq On : 9 Jan 2002 5:39 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 10:55 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	N-Nitrosodiphenylamine	22.43	168	76597	2.09	ug/l		96
31)	4-Bromophenyl-phenylether	23.49	248	44700	2.15	ug/l		95
32)	Hexachlorobenzene	23.91	284	53816	2.23	ug/l		99
33)	Phenanthrene	24.87	178	278584	2.46	ug/l		99
34)	Anthracene	25.01	178	250646	2.26	ug/l		99
35)	Di-n-butylphthalate	26.83	149	372559	2.43	ug/l		99
36)	Fluoranthene	28.48	202	263289	2.42	ug/l		99
39)	Pyrene	29.15	202	276672	2.25	ug/l		98
40)	Butylbenzylphthalate	31.33	149	114102	1.71	ug/l		96
41)	Benzo(a)anthracene	32.78	228	181987	2.35	ug/l		99
42)	Bis(2-ethylhexyl)phthalate	33.14	149	144943	1.61	ug/l		99
43)	Chrysene	32.91	228	199351	2.62	ug/l		98
45)	Di-n-Octylphthalate	34.88	149	129136	1.01	ug/l	#	96
46)	Benzo(b)fluoranthene	35.87	252	122265	1.85	ug/l		97
47)	Benzo(k)fluoranthene	35.92	252	167424	2.58	ug/l		97
48)	Benzo(a)pyrene	36.74	252	94544	1.83	ug/l		99
49)	Indeno(1,2,3-cd)pyrene	40.50	276	88128	1.80	ug/l		99
50)	Dibenz(a,h)anthracene	40.55	278	77232	2.06	ug/l		99
51)	Benzo(g,h,i)perylene	41.54	276	85522	2.10	ug/l		94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\REFC.D
Acq On : 9 Jan 2002 5:39 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 10:55 2002

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration