

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 12:24:47

Sample: AE09676
Analysis: \$C1GCMS CALI GCMS
Units: ug
Started: 5/20/20 00:02 Ended: 5/20/20 00:02 Analyst: MG
Result source: c:\hpc\chem\1\data\may2002\cal100b.d\cal100b.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		196	2.0
2	bis(2-Chloroethyl)ether		190	2.0
3	1,3-Dichlorobenzene		190	2.0
4	1,4-Dichlorobenzene		190	2.0
5	1,2-Dichlorobenzene		200	2.0
6	2,2'-oxybis(1-Chloropropane)		190	2.0
7	n-Nitrosodi-n-propylamine		194	2.0
8	Hexachloroethane		200	2.0
9	Nitrobenzene		200	2.0
10	Isophorone		190	2.0
11	bis(2-Chloroethoxy)methane		190	2.0
12	1,2,4-Trichlorobenzene		190	2.0
13	Naphthalene		190	2.0
14	Hexachlorobutadiene		190	2.0
15	2-Chloronaphthalene		200	2.0
16	Dimethylphthalate		200	2.0
17	2,6-Dinitrotoluene		230	2.0
18	Acenaphthylene		190	2.0
19	Acenaphthene		190	2.0
20	2,4-Dinitrotoluene		240	2.0
21	Diethylphthalate		200	2.0
22	4-Chlorophenylphenylether		189	2.0
23	Fluorene		190	2.0
24	Azobenzene		200	2.0
25	n-Nitrosodiphenylamine		170	2.0
26	4-Bromophenylphenylether		195	2.0
27	Hexachlorobenzene		200	2.0
28	Phenanthrene		190	2.0
29	Anthracene		190	2.0
30	Di-n-butylphthalate		190	2.0
31	Fluoranthene		200	2.0
32	Pyrene		180	2.0
33	Butylbenzylphthalate		200	2.0
34	Benzo(a)anthracene		200	2.0
35	bis(2-Ethylhexyl)phthalate		200	2.0
36	Chrysene		190	2.0
37	Di-n-octylphthalate		230	2.0
38	Benzo(b)fluoranthene		220	2.0
39	Benzo(k)fluoranthene		210	2.0
40	Benzo(a)pyrene		210	2.0
41	Indeno(1,2,3-cd)pyrene		200	2.0
42	Dibenz(a,h)anthracene		200	2.0
43	Benzo(g,h,i)perylene		190	2.0

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\CAL100B.D
 Acq On : 20 May 2002 12:06 pm
 Sample :
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 20 14:59 2002

Vial: 5
 Operator:
 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 : Mon May 20 11:18:45 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.15	152	391753	40.00	ug/l	0.00
10) Naphthalene-d8	15.79	136	1560453	40.00	ug/l	0.00
17) Acenaphthene-d10	21.09	164	729683	40.00	ug/l	0.00
30) Phenanthrene-d10	25.53	188	1061684	40.00	ug/l	0.00
38) Chrysene-d12	33.61	240	700965	40.00	ug/l	0.00
44) Perylene-d12	37.80	264	396256	40.00	ug/l	0.00

System Monitoring Compounds

28) TCMX 23.23 209 35619 9.71 ug/L 0.00
 Spiked Amount 10.000 Recovery = 97.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) N-nitrosodimethylamine	5.83	74	2307218	196.18	ug/l	92
3) bis(2-Chloroethyl) ether	11.56	93	2988431	191.84	ug/l	98
4) 1,3-Dichlorobenzene	12.05	146	2449564	194.31	ug/l	99
5) 1,4-Dichlorobenzene	12.20	146	2680474	194.05	ug/l	97
6) 1,2-Dichlorobenzene	12.71	146	2340951	195.61	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.03	45	6566496	186.32	ug/l	98
8) N-Nitrosodi-n-propylamine	13.45	70	2142973	193.73	ug/l	94
9) Hexachloroethane	13.56	117	1154139	195.69	ug/l	87
11) Nitrobenzene	13.85	77	2752952	202.99	ug/l	92
12) Isophorone	14.49	82	5104629	190.07	ug/l	98
13) bis(2-Chloroethoxy) methane	15.19	93	3425652	190.29	ug/l	99
14) 1,2,4-Trichlorobenzene	15.68	180	1891609	194.07	ug/l	97
15) Naphthalene	15.87	128	6578102	186.70	ug/l	99
16) Hexachlorobutadiene	16.39	225	914433	193.87	ug/l	99
18) Hexachlorocyclopentadiene	18.59	237	813025	274.76	ug/l	99
19) 2-Chloronaphthalene	19.36	162	3190040	196.14	ug/l	96
20) Dimethylphthalate	20.48	163	4018332	196.29	ug/l	99
21) 2,6-Dinitrotoluene	20.70	165	973968	228.55	ug/l	96
22) Acenaphthylene	20.64	152	5710162	191.62	ug/l	99
23) Acenaphthene	21.21	153	3380561	189.87	ug/l	98
24) 2,4-Dinitrotoluene	21.86	165	1103154	236.16	ug/l	98
25) Diethylphthalate	22.61	149	3697461	195.47	ug/l	99
26) 4-Chlorophenylphenylether	22.75	204	1787466	189.03	ug/l	99
27) Fluorene	22.73	166	3419029	189.41	ug/l	99
29) Azobenzene	23.22	77	5447829	199.92	ug/L	97
31) N-Nitrosodiphenylamine	23.14	168	1179582	168.60	ug/l	# 90
32) 4-Bromophenylphenylether	24.20	248	1079839	194.82	ug/l	100
33) Hexachlorobenzene	24.64	284	1177121	197.96	ug/l	96
34) Phenanthrene	25.63	178	4868989	190.17	ug/l	99

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

CAL100B.D GCMS0520.M Mon May 20 15:01:16 2002

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\CAL100B.D
 Acq On : 20 May 2002 12:06 pm
 Sample :
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 20 14:59 2002

Vial: 5
 Operator:
 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 : Mon May 20 11:18:45 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0510

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.76	178	5031087	191.00	ug/l	99
36) Di-n-butylphthalate	27.53	149	6609523	189.66	ug/l	99
37) Fluoranthene	29.25	202	5070713	195.75	ug/l #	92
39) Pyrene	29.92	202	4723129	183.77	ug/l	92
40) Butylbenzylphthalate	32.06	149	2599239	197.93	ug/l	99
41) Benzo(a)anthracene	33.56	228	3797775	197.94	ug/l	99
42) Bis(2-ethylhexyl)phthalate	33.83	149	3428025	198.53	ug/l	98
43) Chrysene	33.70	228	3664476	193.43	ug/l	98
45) Di-n-Octylphthalate	35.57	149	5262497	229.54	ug/l #	95
46) Benzo(b)fluoranthene	36.67	252	3236746	219.19	ug/l	97
47) Benzo(k)fluoranthene	36.75	252	3149877	206.19	ug/l	98
48) Benzo(a)pyrene	37.66	252	2833270	206.71	ug/l	97
49) Indeno(1,2,3-cd)pyrene	41.92	276	2580190	195.81	ug/l	95
50) Dibenz(a,h)anthracene	41.99	278	2075612	197.16	ug/l	97
51) Benzo(g,h,i)perylene	43.16	276	1982665	188.23	ug/l	95

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

CAL100B.D GCMS0520.M Mon May 20 15:01:17 2002

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2002\CAL100B.D
Acq On : 20 May 2002 12:06 pm
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 20 14:59 2002

Vial: 5
Operator:
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  : Mon May 20 11:18:45 2002
Response via : Initial Calibration
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