

Method 508 MOD.

Date Extracted 2-25-02

Page 104

#GCMS-17624

Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count		
L.B.		500 ml		1 ml			1 ml	9B	7			
Ref 1					1 ml			9a				
Ref 2					1 ml			10B				
4028								10A				
4029								9A				
4030								4B				
4031	F.B.							7B				
4032								8A				
4033								10B				
4034								6A				
4035	F.B.							9B				
1462	Reextract							4A				
1440	Reextract							7B				
4036								10A				
4037								8B				
Remarks: Manually calculated surrogate response due to low IS response												
drip rate must be between 5-15 ml/min for liq-liq extractors drip rate -												
Extraction type - Sep. Fun.		Solv. lot#		NaCl lot# V39618		Na2SO4 lot# V46623						
STANDARD	INT STD LOG#											
CALIBRATION	140301.0 V											
REF SPIKE	2193											
MDL/MDRF												
Q. CHECK												
INT. STD.	032102											
SURROGATE	21602											
LPC												
ENDRIN/DDT												

Reviewed by

6/5/02

Analyst A.D.

Revision 4/12/01

Verified by my

Reviewed by DN

Date 3/24/02

Comment:

Operator:

Data Path: C:\HPCHEM\1\DATA\mar2202\

Pre-Seq Cmd:

Post-Seq Cmd:

Method Sections To Run On A Barcode Mismatch
 (X) Full Method (X) Inject Anyway
 () Reprocessing Only () Don't Inject

Line Type	Vial	DataFile	Method	Sample Name
1 Sample	1	DFTPP	GCMS0308	
2 Sample	2	CAL40	GCMS0308	
3 Sample	29	5900	GCMS0308	gc/ms scan 3/13
4 Sample	30	5901	GCMS0308	gc/ms scan 3/13
5 Sample	3	LB	GCMS0308	gc/ms scan 2/20
6 Sample	4	REF1	GCMS0308	gc/ms scan 2/20
7 Sample	5	REF2	GCMS0308	gc/ms scan 2/20
8 Sample	6	3825	GCMS0308	gc/ms scan 2/20
9 Sample	7	3826	GCMS0308	gc/ms scan 2/20
10 Sample	8	3827	GCMS0308	gc/ms scan 2/20
11 Sample	9	3828	GCMS0308	gc/ms scan 2/20
12 Sample	10	3829	GCMS0308	gc/ms scan 2/20 fb
13 Sample	11	3830	GCMS0308	gc/ms scan 2/20
14 Sample	12	3831	GCMS0308	gc/ms scan 2/20
15 Sample	13	3832	GCMS0308	gc/ms scan 2/20 fb
16 Sample	14	3823	GCMS0308	gc/ms scan 2/20
17 Sample	15	3824	GCMS0308	gc/ms scan 2/20
18 Sample	1	DFTPP2	GCMS0308	
19 Sample	2	CAL40A	GCMS0308	
20 Sample	16	LBA	GCMS0308	gc/ms scan 2/25
21 Sample	17	REFA1	GCMS0308	gc/ms scan 2/25
22 Sample	18	REFA2	GCMS0308	gc/ms scan 2/25
23 Sample	19	4038	GCMS0308	gc/ms scan 2/25
24 Sample	20	4039	GCMS0308	gc/ms scan 2/25
25 Sample	21	4125	GCMS0308	gc/ms scan 2/25
26 Sample	22	4126	GCMS0308	gc/ms scan 2/25
27 Sample	23	4127	GCMS0308	gc/ms scan 2/25
28 Sample	24	4128	GCMS0308	gc/ms scan 2/25
29 Sample	25	4129	GCMS0308	gc/ms scan 2/25
30 Sample	26	4130	GCMS0308	gc/ms scan 2/25
31 Sample	27	4131	GCMS0308	gc/ms scan 2/25
32 Sample	28	4132	GCMS0308	gc/ms scan 2/25
33 Sample	31	LBB	GCMS0308	gc/ms scan 2/25
34 Sample	32	REFB	GCMS0308	gc/ms scan 2/25
35 Sample	33	REFB1	GCMS0308	gc/ms scan 2/25
36 Sample	34	4028	GCMS0308	gc/ms scan 2/25
37 Sample	35	4029	GCMS0308	gc/ms scan 2/25
38 Sample	36	4030	GCMS0308	gc/ms scan 2/25
39 Sample	37	4031	GCMS0308	gc/ms scan 2/25 fb
40 Sample	38	4032	GCMS0308	gc/ms scan 2/25
41 Sample	39	4033	GCMS0308	gc/ms scan 2/25
42 Sample	40	4034	GCMS0308	gc/ms scan 2/25

Last Modified: Mon Mar 25 08:04:26 2002

Page: 1

SEQUENCE NAME: C:\MSDCHEM\1\SEQUENCE\PAR2202.D

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	42 1462	GCMS0308	re-extract	
45	Sample	43 1440	GCMS0308	re-extract	
46	Sample	44 4036	GCMS0308	gc/ms scan 2/25	
47	Sample	45 4037	GCMS0308	gc/ms scan 2/25	

DFTPP

Data File : C:\HPCHEM\1\DATA\MAR2202\DFTPP2.D

Vial: 1

Acq On : 23 Mar 2002 8:51 am

Operator:

Sample :

Inst : GC/MS 209

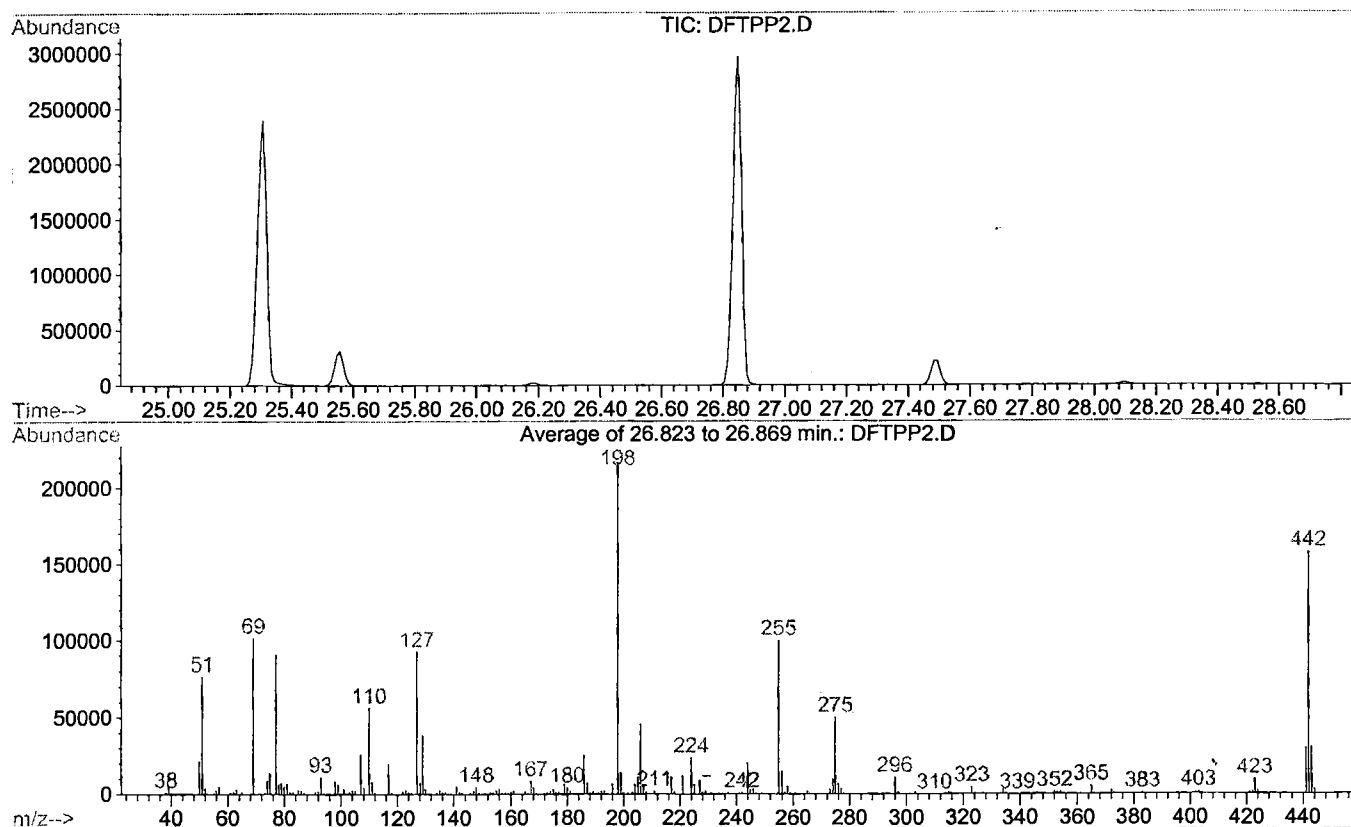
Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\SW030702.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01



Spectrum Information: Average of 26.823 to 26.869 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	35.4	76743	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	47.0	101843	PASS
70	69	0.00	2	0.0	50	PASS
127	198	40	60	42.8	92709	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	216559	PASS
199	198	5	9	6.6	14266	PASS
275	198	10	30	23.2	50161	PASS
365	198	1	100	2.4	5206	PASS
441	443	0.01	100	97.4	29850	PASS
442	198	40	110	72.9	157824	PASS
443	442	17	23	19.4	30635	PASS

DFTPP2.D SW030702.M

Tue Mar 26 08:08:10 2002

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 03/26/2002 Time: 12:41:51

Sample: AE04028
 Analysis: \$C1GCMS CALI GCMS
 Units: ug
 Started: 3/26/02 12:38 Ended: 3/26/02 12:38 Analyst: MG
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		37.25		2.0
2	bis(2-Chloroethyl)ether		36.92		2.0
3	1,3-Dichlorobenzene		38.76		2.0
4	1,4-Dichlorobenzene		38.72		2.0
5	1,2-Dichlorobenzene		38.53		2.0
6	2,2'-oxybis(1-Chloropropane)		35.59		2.0
7	n-Nitrosodi-n-propylamine		38.05		2.0
8	Hexachloroethane		38.67		2.0
9	Nitrobenzene		36.86		2.0
10	Isophorone		36.91		2.0
11	bis(2-Chloroethoxy)methane		36.79		2.0
12	1,2,4-Trichlorobenzene		39.57		2.0
13	Naphthalene		38.54		2.0
14	Hexachlorobutadiene		40.84		2.0
15	2-Chloronaphthalene		38.37		2.0
16	Dimethylphthalate		38.72		2.0
17	2,6-Dinitrotoluene		38.83		2.0
18	Acenaphthylene		38.12		2.0
19	Acenaphthene		38.21		2.0
20	2,4-Dinitrotoluene		38.24		2.0
21	Diethylphthalate		37.83		2.0
22	4-Chlorophenylphenylether		38.72		2.0
23	Fluorene		37.79		2.0
24	Azobenzene/1,2-Diphenylhydraz		35.54		2.0
25	n-Nitrosodiphenylamine		36.03		2.0
26	4-Bromophenylphenylether		38.01		2.0
27	Hexachlorobenzene		37.27		2.0
28	Phenanthrene		36.32		2.0
29	Anthracene		36.08		2.0
30	Di-n-butylphthalate		35.86		2.0
31	Fluoranthene		36.71		2.0
32	Pyrene		43.17		2.0
33	Butylbenzylphthalate		39.72		2.0
34	Benzo(a)anthracene		37.24		2.0
35	bis(2-Ethylhexyl)phthalate		35.50		2.0
36	Chrysene		36.60		2.0
37	Di-n-octylphthalate		40.95		2.0
38	Benzo(b)fluoranthene		42.72		2.0
39	Benzo(k)fluoranthene		40.64		2.0
40	Benzo(a)pyrene		36.97		2.0
41	Indeno(1,2,3-cd)pyrene		30.69		2.0
42	Dibenz(a,h)anthracene		30.90		2.0
43	Benzo(g,h,i)perylene		30.06		2.0

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\CAL40A.D

Vial: 2

Acq On : 23 Mar 2002 9:51 am

Operator:

Sample :

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Mar 26 8:18 2002

Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Mar 08 08:54:27 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.28	152	920375	20.00	ug/l	-0.07
10) Naphthalene-d8	15.92	136	3675376	20.00	ug/l	-0.07
17) Acenaphthene-d10	21.23	164	2000869	20.00	ug/l	-0.08
29) Phenanthrene-d10	25.68	188	3195071	20.00	ug/l	-0.08
38) Chrysene-d12	33.75	240	2169164	20.00	ug/l	-0.09
44) Perylene-d12	38.00	264	1278811	20.00	ug/l	-0.12

System Monitoring Compounds

37) 2,4-DDD	0.00	235	0	0.00	ug/mL
Spiked Amount	5.000		Recovery	=	0.00%

Target Compounds

						Qvalue
2) N-nitroso-dimethyl amine	5.93	74	1163015	37.25	ug/l	# 71
3) bis(2-Chloroethyl) ether	11.70	93	1856288	36.92	ug/l	91
4) 1,3-Dichlorobenzene	12.18	146	2013756	38.76	ug/l	100
5) 1,4-Dichlorobenzene	12.33	146	2016279	38.72	ug/l	99
6) 1,2-Dichlorobenzene	12.84	146	1871405	38.53	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.16	45	2518519	35.59	ug/l	99
8) N-Nitroso-di-n-propylamine	13.58	70	1244737	38.05	ug/l	# 86
9) Hexachloroethane	13.68	117	752600	38.67	ug/l	94
11) Nitrobenzene	13.99	77	1851891	36.86	ug/l	90
12) Isophorone	14.64	82	3516684	36.91	ug/l	99
13) bis(2-Chloroethoxy) methane	15.31	93	2294463	36.79	ug/l	98
14) 1,2,4-Trichlorobenzene	15.81	180	1707271	39.57	ug/l	97
15) Naphthalene	15.99	128	5236224	38.54	ug/l	99
16) Hexachlorobutadiene	16.51	225	878389	40.84	ug/l	99
18) Hexachlorocyclopentadiene	18.71	237	688752	50.83	ug/l	99
19) 2-Chloronaphthalene	19.50	162	3296283	38.37	ug/l	97
20) Dimethylphthalate	20.60	163	3898844	38.72	ug/l	99
21) 2,6-Dinitrotoluene	20.82	165	949089	38.83	ug/l	# 79
22) Acenaphthylene	20.76	152	4681527	38.12	ug/l	99
23) Acenaphthene	21.33	153	3280064	38.21	ug/l	99
24) 2,4-Dinitrotoluene	21.98	165	1250334	38.24	ug/l	# 79
25) Diethylphthalate	22.74	149	3697454	37.83	ug/l	96
26) 4-Chlorophenyl-phenylether	22.87	204	1620851	38.72	ug/l	95
27) Fluorene	22.86	166	3431069	37.79	ug/l	99
28) Azobenzen/ 1,2-Diphenylhyd	23.34	77	3723044	35.54	ug/L	# 86

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

CAL40A.D GCMS0308.M Tue Mar 26 08:19:12 2002

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\CAL40A.D

Vial: 2

Acq On : 23 Mar 2002 9:51 am

Operator:

Sample :

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Mar 26 8:18 2002

Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Mar 08 08:54:27 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0308

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	23.28	168	1555030	36.03	ug/l #	83
31) 4-Bromophenyl-phenylether	24.33	248	964056	38.01	ug/l	92
32) Hexachlorobenzene	24.77	284	1097776	37.27	ug/l	93
33) Phenanthrene	25.76	178	5012031	36.32	ug/l	99
34) Anthracene	25.89	178	4938693	36.08	ug/l	99
35) Di-n-butylphthalate	27.65	149	6228675	35.86	ug/l	99
36) Fluoranthene	29.38	202	5314912	36.71	ug/l #	93
39) Pyrene	30.06	202	5376858	43.17	ug/l #	93
40) Butylbenzylphthalate	32.17	149	2550642	39.72	ug/l	98
41) Benzo(a)anthracene	33.70	228	3857796	37.24	ug/l	99
42) Bis(2-ethylhexyl)phthalate	33.95	149	3078222	35.50	ug/l	96
43) Chrysene	33.84	228	3717852	36.60	ug/l	100
45) Di-n-Octylphthalate	35.69	149	4614311	40.95	ug/l #	97
46) Benzo(b)fluoranthene	36.82	252	3336333	42.72	ug/l	98
47) Benzo(k)fluoranthene	36.89	252	3094538m	40.64	ug/l	
48) Benzo(a)pyrene	37.82	252	2630844	36.97	ug/l #	96
49) Indeno(1,2,3-cd)pyrene	42.18	276	2637536	30.69	ug/l #	95
50) Dibenz(a,h)anthracene	42.25	278	2055981	30.90	ug/l	97
51) Benzo(g,h,i)perylene	43.45	276	2107315	30.06	ug/l	96

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

CAL40A.D GCMS0308.M Tue Mar 26 08:19:16 2002

Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2202\CAL40A.D
Acq On : 23 Mar 2002 9:51 am
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: Mar 26 8:18 2002 Qu

Vial: 2
Operator:
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0308.RES

```
Method       : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Last Update  : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
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