

Method 508 mod.

Date Extracted 2/14/02

Page 87

Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count
LB		500ml		1ml			1ml	9B	7	
REF ₁					1ml			8B		
REF ₂					↓			3B		
3265	FB							8A		
3281								10B		
3282								9A		
3283	FB							1A		
3380	FB							2B		
3381								8B		
3382								9A		
3383								10A		
3384								10A		
3437								1B		
Two analysis dates in package 3/2/02 & 3/20/02										
Remarks: Analyst may have added IS twice.										
Reviewed by: <u>[Signature]</u> 8/13/02										
drip rate must be between 5-15 ml/min for liq-liq extractors										
drip rate -										
Extraction type <u>SEP Fun</u> Solv. lot# <u>V39466</u> NaCl lot# <u>V39681</u> Na2SO4 lot# <u>V46623</u>										
STANDARD INT STD LOG#										
CALIBRATION										
REF/SPIKE <u>91759</u>										
MDL/MDRF										
Q. CHECK										
INT. STD.										
SURROGATE <u>GCMS</u> <u>21606</u>										
LPC										
ENDRIN/ODT										

Analyst KA
revision 4/12/01

Verified by _____

Reviewed by [Signature]
Date 3/25/02

Sequence Name: C:\MSDchem\1\sequence\031902.s
 Comment:
 Operator: McLean
 Data Path: C:\MSDCHEM\1\DATA\031902\
 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	508SCAN	
2	Sample	2	TCMX	508SCAN	4.0UG/L
3	Sample	3	MC	508SCAN	
4	Sample	4	CAL10X	508SCAN	
5	Sample	5	CAL40X	508SCAN	
6	Sample	6	220REF1	508SCAN	RE-INJ 2/20
7	Sample	7	220REF2	508SCAN	RE-INJ 2/20
8	Sample	8	220LB	508SCAN	RE-INJ 2/20
9	Sample	9	3799	508SCAN	RE-INJ 2/20
10	Sample	10	3800	508SCAN	RE-INJ 2/20
11	Sample	11	3801	508SCAN	RE-INJ 2/20
12	Sample	12	3802	508SCAN	RE-INJ 2/20
13	Sample	13	3803	508SCAN	RE-INJ 2/20
14	Sample	14	3804	508SCAN	RE-INJ 2/20
15	Sample	15	3805	508SCAN	RE-INJ 2/20
16	Sample	16	3822	508SCAN	RE-INJ 2/20
17	Sample	17	364	508SCAN	RE-INJ 2/20
18	Sample	1	DFTPP2	508SCAN	
19	Sample	5	40CAL2	508SCAN	
20	Sample	18	301REF1	508SCAN	RE-INJ 3/1
21	Sample	19	301REF2	508SCAN	RE-INJ 3/1
22	Sample	20	301LB	508SCAN	RE-INJ 3/1
23	Sample	21	2085	508SCAN	RE-INJ 3/1
24	Sample	22	2087	508SCAN	RE-INJ 3/1
25	Sample	23	2384	508SCAN	RE-INJ 3/1
26	Sample	24	1639	508SCAN	RE-INJ 3/1
27	Sample	31	SURR	508SCAN	508 SCAN }
28	Sample	32	SURR2	508SCAN	508 SCAN }
29	Sample	25	1640	508SCAN	RE-INJ 3/1
30	Sample	26	1645	508SCAN	RE-INJ 3/1
31	Sample	27	1647	508SCAN	RE-INJ 3/1
32	Sample	28	4385	508SCAN	RE-INJ 3/1
33	Sample	29	4386	508SCAN	RE-INJ 3/1
34	Sample	30	4387	508SCAN	RE-INJ 3/1
35	Sample	1	DFTPP3	508SCAN	
36	Sample	2	CAL10C	508SCAN	10
37	Sample	31	0214REF1	508SCAN	2/14/02 RE-INJ
38	Sample	32	0214REF2	508SCAN	2/14/02 RE-INJ
39	Sample	33	0214LB	508SCAN	2/14/02 RE-INJ
40	Sample	34	3265FB	508SCAN	2/14/02 RE-INJ
41	Sample	35	3281	508SCAN	2/14/02 RE-INJ
42	Sample	36	3282	508SCAN	2/14/02 RE-INJ
43	Sample	37	3283	508SCAN	2/14/02 RE-INJ

St ill to rep.
 Process
 ring off on
 Sequence 032002

Sequence Name: C:\MSDchem\1\sequence\031902.s

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	38 3380	508SCAN	2/14/02	RE-INJ
45	Sample	39 3381	508SCAN	2/14/02	RE-INJ
46	Sample	40 3382	508SCAN	2/14/02	RE-INJ
47	Sample	41 3383	508SCAN	2/14/02	RE-INJ
48	Sample	42 3384	508SCAN	2/14/02	RE-INJ
49	Sample	43 3437	508SCAN	2/14/02	RE-INJ

on sequence
032002
inj'd on
3/24/02
(032202)

Sequence Name: C:\MSDCHEM\1\SEQUENCE\032202.S

Comment:

Operator: McLean

Data Path: C:\MSDCHEM\1\DATA\032202\

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	5	MCAA0322	508TEST	MC
2	Sample	5	MCBB0322	508TEST	MC
3	Sample	1	DFTC0322	508SCAN	DFTPP
4	Sample	2	10CC0322	508SCANB	CAL 10
5	Sample	5	MCDD0322	508TEST	MC
6	Sample	3	40CC0322	508SCAN	CAL 40
7	Sample	4	SURRC322	508SCAN	SURROGATE
8	Sample	40	3382	508SCAN	2/14/02 REINJ
9	Sample	41	3383	508SCAN	2/14/02 REINJ
10	Sample	42	3384	508SCAN	2/14/02 REINJ
11	Sample	43	3437	508SCAN	2/14/02 REINJ
12	Sample	1	DFTJ0322	508SCAN	DFTPP
13	Sample	2	40CJ0322	508SCAN	CAL 40
14	Sample	3	480CJ032	508SCAN	CAL 80
15	Sample	4	SURJ0322	508SCAN	SURROGATE
16	Sample	5	LBJ0322	508SCAN	LB 3/14/02
17	Sample	6	REFAJ322	508SCAN	REF 1 3/14/02
18	Sample	7	REFBJ322	508SCAN	REF 2 3/14/02
19	Sample	8	MCJ0322	508SCAN	MC
20	Sample	9	5914	508SCAN	SAMPLE 5914 3/14/02
21	Sample	10	5915FB	508SCAN	SAMPLE 5915 3/14/02
22	Sample	11	5917	508SCAN	SAMPLE 5917 3/14/02
23	Sample	12	5918	508SCAN	SAMPLE 5918 3/14/02
24	Sample	13	5919	508SCAN	SAMPLE 5919 3/14/02
25	Sample	14	5965	508SCAN	SAMPLE 5965 3/14/02
26	Sample	15	5966	508SCAN	SAMPLE 5966 3/14/02
27	Sample	16	5967FB	508SCAN	SAMPLE 5967 3/14/02
28	Sample	17	6046	508SCAN	SAMPLE 6046 3/14/02
29	Sample	18	6047	508SCAN	SAMPLE 6047 3/14/02

DFTPP

• Data File : C:\MSDCHEM\1\DATA\031902\DFTPP3.D
Acq On : 20 Mar 2002 3:26 pm
Sample :
Misc :
MS Integration Params: BENZO.P

Vial: 1
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan

Spectrum Information: Average of 23.811 to 23.829 min.

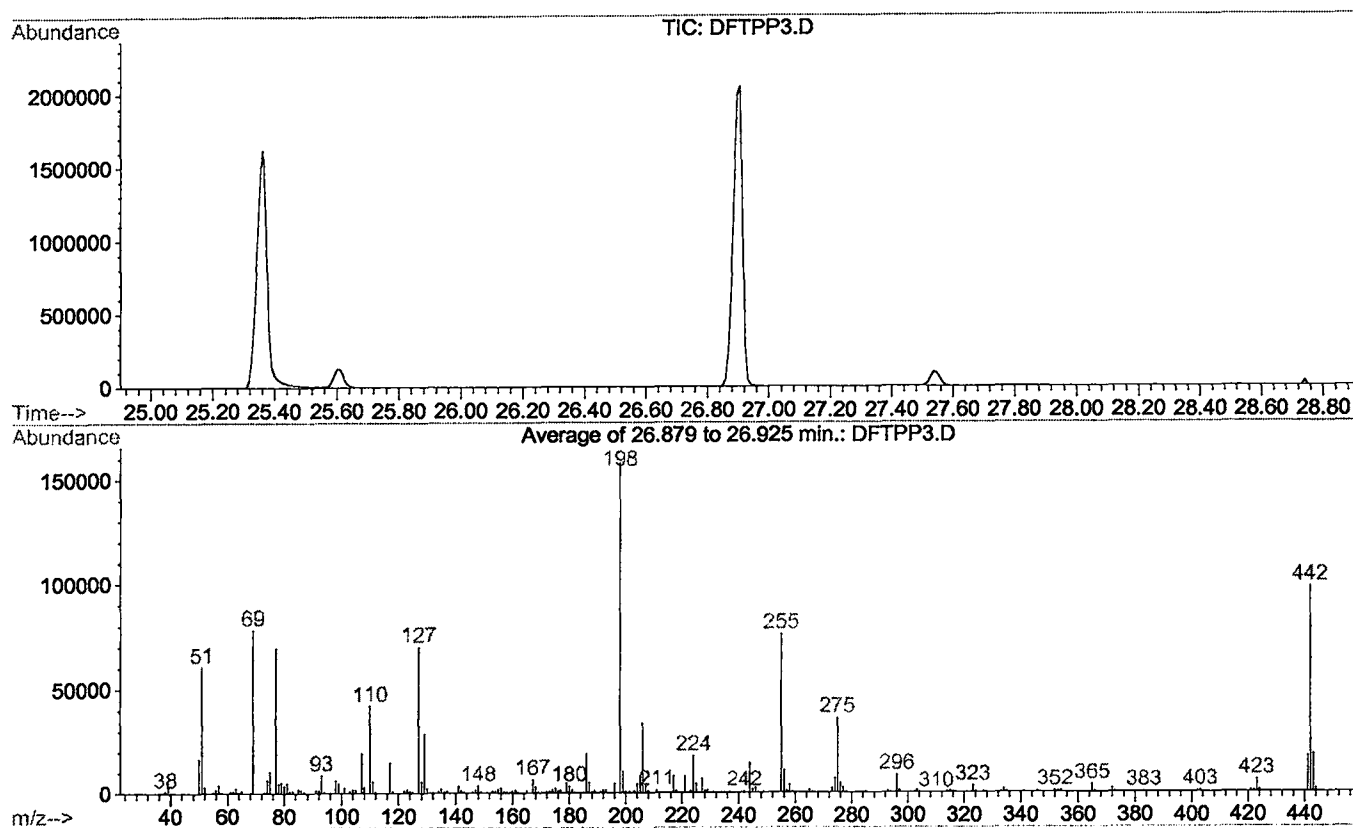
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	58.3	402176	PASS
68	69	0.00	2	1.5	4956	PASS
69	198	0.00	100	47.6	327978	PASS
70	69	0.00	2	0.4	1449	PASS
127	198	10	80	50.8	349866	PASS
197	198	0.00	2	0.5	3517	PASS
198	198	50	100	100.0	689386	PASS
199	198	5	9	6.6	45322	PASS
275	198	10	60	21.6	149021	PASS
365	198	1	100	2.5	16897	PASS
441	443	0.01	100	83.5	78186	PASS
442	198	50	100	73.6	507285	PASS
443	442	15	24	18.5	93666	PASS

DFTPP3.D 5080302.M Mon Mar 25 09:00:30 2002

DFTPP

Data File : C:\HPCHEM\1\DATA\MAR0102\DFTPP3.D
 Acq On : 2 Mar 2002 9:43 pm
 Sample :
 Misc :
 MS Integration Params: GOOFY.P
 Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
 Title : 209 625/TCLP calibration table

Vial: 1
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00



Spectrum Information: Average of 26.879 to 26.925 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.4	60613	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	49.6	78249	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	44.5	70218	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	157647	PASS
199	198	5	9	6.7	10592	PASS
275	198	10	30	22.9	36055	PASS
365	198	1	100	2.6	4067	PASS
441	443	0.01	100	94.3	17750	PASS
442	198	40	110	62.2	98028	PASS
443	442	17	23	19.2	18825	PASS

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\CAL10B.D

Vial: 2

Acq On : 2 Mar 2002 10:42 pm

Operator:

Sample :

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Mar 25 11:56 2002

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Feb 27 11:30:15 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.31	152	342199	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1326474	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	713038	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.73	188	1073441	20.00	ug/l	-0.04
38) Chrysene-d12	33.79	240	791683	20.00	ug/l	-0.06
44) Perylene-d12	38.06	264	508459	20.00	ug/l	-0.07

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	140088	10.23	ug/l	# 72
3) bis(2-Chloroethyl)ether	11.72	93	222345	9.89	ug/l	93
4) 1,3-Dichlorobenzene	12.21	146	228006	8.52	ug/l	98
5) 1,4-Dichlorobenzene	12.36	146	231607	8.49	ug/l	99
6) 1,2-Dichlorobenzene	12.88	146	214710	8.28	ug/l	100
7) 2,2'-oxybis(1-Chloropropan	13.19	45	314881	9.25	ug/l	99
8) N-Nitroso-di-n-propylamine	13.59	70	150207	9.33	ug/l	91
9) Hexachloroethane	13.73	117	85926	7.87	ug/l	99
11) Nitrobenzene	14.00	77	220635	8.09	ug/l	94
12) Isophorone	14.65	82	414513	9.00	ug/l	98
13) bis(2-Chloroethoxy)methane	15.32	93	341097	11.89	ug/l	97
14) 1,2,4-Trichlorobenzene	15.84	180	186353	8.21	ug/l	98
15) Naphthalene	16.01	128	610464	8.64	ug/l	99
16) Hexachlorobutadiene	16.55	225	96291	7.09	ug/l	99
18) Hexachlorocyclopentadiene	18.76	237	65861	6.45	ug/l	99
19) 2-Chloronaphthalene	19.53	162	390524	9.19	ug/l	97
20) Dimethylphthalate	20.61	163	418869	8.46	ug/l	100
21) 2,6-Dinitrotoluene	20.82	165	98972	8.82	ug/l	88
22) Acenaphthylene	20.80	152	525174	8.55	ug/l	100
23) Acenaphthene	21.37	153	368824	8.59	ug/l	98
24) 2,4-Dinitrotoluene	22.00	165	128316	9.03	ug/l	# 82
25) Diethylphthalate	22.75	149	405768	7.89	ug/l	97
26) 4-Chlorophenyl-phenylether	22.90	204	182743	8.25	ug/l	97
27) Fluorene	22.88	166	395730	8.45	ug/l	100
28) Azobenzen/ 1,2-Diphenylhyd	23.38	77	417236	7.71	ug/L	# 87

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

CAL10B.D GCMS0208.M Mon Mar 25 11:59:23 2002

Page 1