

Method 508 MOD

Date Extracted 2-19-02

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Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count
	AB	50ml		1ml			1ml	3A	7	
	Ref 1			1ml				3B		
	Ref 2			1ml				4A		
	3508							4B		
	3509							2A		
	3510							2A		
	3611							3A		
	3612							4B		
	3613							3B		
	3614							2A		
	<u>3615</u>							1A		
	3616							3B		
	3617							1B		
Remarks ① 3618 not included in batch, because of low sum. rec. ② Batch # <u>SGCMS-17486</u> ③ Ref REF #2 ASSOCIATED w/ SAMPLE 3509										
drip rate must be between 5-15 ml/min for liq-liq extractors drip rate - Extraction type - <u>Sep funnel</u> Solv. lot# <u>V39466</u> NaCl lot# <u>V39618</u> Na2SO4 lot# <u>V46623</u>										
STANDARD	INT STD LOG#									
CALIBRATION										
REF/SPIKE	<u>2193</u>									
MDL/MDRF										
Q. CHECK										
INT. STD.										
SURROGATE	<u>021202</u>									
LPC										
ENDRIN/DDT										

Reviewed by
CB 6/5/02

Analyst MJ
Revision 4/12/01

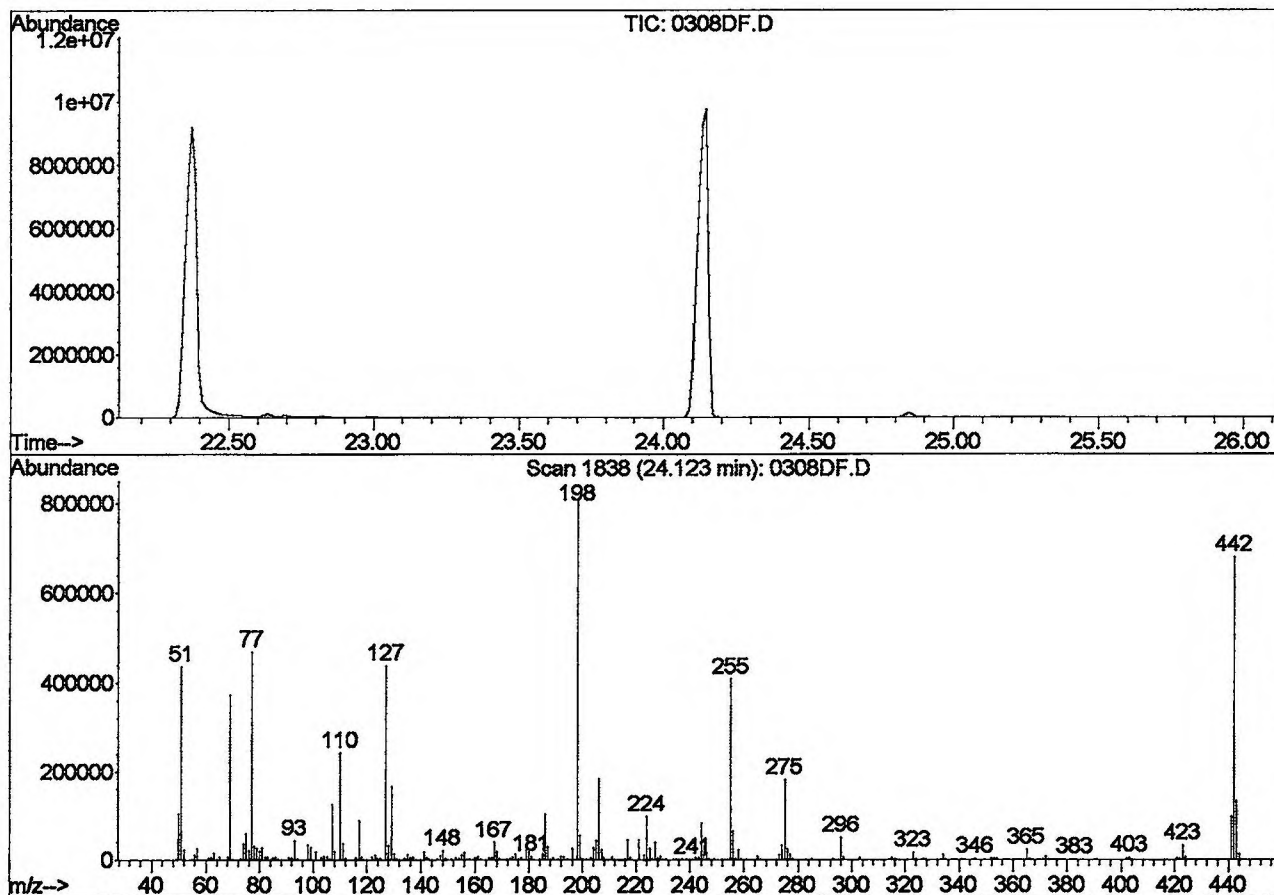
Verified by _____

Reviewed by DM
Date 3/28/02

DFTPP

Data File : C:\MSDCHEM\1\5973N\02MAR08\0308DF.D
 Acq On : 8 Mar 2002 8:41 am
 Sample : dftpp
 Misc : March 7, 2002
 MS Integration Params: SPLIT.P
 Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
 Title : 508 scan method

Vial: 1
 Operator:
 Inst : Instrume
 Multiplr: 1.00



Spectrum Information: Scan 1838

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	53.9	437120	PASS
68	69	0.00	2	1.9	7044	PASS
69	198	0.00	100	46.3	375424	PASS
70	69	0.00	2	0.5	1923	PASS
127	198	40	60	54.4	440704	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	810688	PASS
199	198	5	9	6.8	55432	PASS
275	198	10	30	22.7	183744	PASS
365	198	1	99	2.9	23248	PASS
441	443	1	99	73.4	98752	PASS
442	198	40	110	84.0	681088	PASS
443	442	17	23	19.8	134528	PASS

0308DF.D HP022102.M

Fri Mar 08 10:34:38 2002

User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 03/19/2002 Time: 11:34:29

Sample: AE03508
 Analysis: \$C1GCMS CALI GCMS
 Units: ug
 Started: 3/8/02 09:31 Ended: 3/19/02 09:31 Analyst: WB
 Result source: a:\0308c40.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		44		2.0
2	bis(2-Chloroethyl)ether		49		2.0
3	1,3-Dichlorobenzene		39		2.0
4	1,4-Dichlorobenzene		40		2.0
5	1,2-Dichlorobenzene		43		2.0
6	2,2'-oxybis(1-Chloropropane)		47		2.0
7	n-Nitrosodi-n-propylamine		42		2.0
8	Hexachloroethane		39		2.0
9	Nitrobenzene		38		2.0
10	Isophorone		38		2.0
11	bis(2-Chloroethoxy)methane		39		2.0
12	1,2,4-Trichlorobenzene		38		2.0
13	Naphthalene		36		2.0
14	Hexachlorobutadiene		38		2.0
15	2-Chloronaphthalene		39		2.0
16	Dimethylphthalate		37		2.0
17	2,6-Dinitrotoluene		35		2.0
18	Acenaphthylene		36		2.0
19	Acenaphthene		37		2.0
20	2,4-Dinitrotoluene		32		2.0
21	Diethylphthalate		36		2.0
22	4-Chlorophenylphenylether		37		2.0
23	Fluorene		35		2.0
24	Azobenzene/1,2-Diphenylhydra		40		2.0
25	n-Nitrosodiphenylamine		30		2.0
26	4-Bromophenylphenylether		37		2.0
27	Hexachlorobenzene		36		2.0
28	Phenanthrene		35		2.0
29	Anthracene		35		2.0
30	Di-n-butylphthalate		36		2.0
31	Fluoranthene		35		2.0
32	Pyrene		36		2.0
33	Butylbenzylphthalate		37		2.0
34	Benzo(a)anthracene		37		2.0
35	bis(2-Ethylhexyl)phthalate		40		2.0
36	Chrysene		36		2.0
37	Di-n-octylphthalate		31		2.0
38	Benzo(b)fluoranthene		44		2.0
39	Benzo(k)fluoranthene		43		2.0
40	Benzo(a)pyrene		41		2.0
41	Indeno(1,2,3-cd)pyrene		44		2.0
42	Dibenz(a,h)anthracene		41		2.0
43	Benzo(g,h,i)perylene		39		2.0

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAR08\0308C40.D Vial: 2
 Acq On : 8 Mar 2002 9:31 am Operator:
 Sample : cal 40 Inst : Instrumen
 Misc : March 7, 2002 Multiplr: 1.00
 MS Integration Params: SPLIT.P
 Quant Time: Mar 08 10:15:56 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)

Title : 508 scan method

Last Update : Mon Feb 25 10:47:59 2002

Response via : Initial Calibration

DataAcq Meth : HP022102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1603834	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7087102	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3466803	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	5700269	20.00	ug/L	0.00
38) Chrysene-d12	30.50	240	4708985	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	3471023	20.00	ug/L	-0.03

System Monitoring Compounds

37) 2,4-DDD	27.72	235	11468	0.15	ug/L	0.00
Spiked Amount	5.000		Recovery	=	3.00%	

Target Compounds

						Qvalue
2) n-Nitrosodimethylamine	3.98	74	3442306	43.78	ug/L	99
3) bis(2-Chloroethyl) ether	9.24	93	5161755	49.24	ug/L	98
4) 1,3-Dichlorobenzene	9.61	146	4689984	39.32	ug/L	100
5) 1,4-Dichlorobenzene	9.75	146	4692408	39.56	ug/L	99
6) 1,2-Dichlorobenzene	10.24	146	4524742	42.79	ug/L	99
7) 2,2'-oxybis (1-Chloropropa	10.67	45	7884502	47.35	ug/L	97
8) n-Nitroso-di-n-propylamine	11.06	70	3264399	41.73	ug/L	99
9) Hexachloroethane	11.03	117	1612018	39.30	ug/L	98
11) Nitrobenzene	11.37	77	4793850	38.47	ug/L	99
12) Isophorone	12.02	82	9092964	38.01	ug/L	99
13) bis(2-Chloroethoxy) methane	12.78	93	6144295	39.32	ug/L	97
14) 1,2,4-Trichlorobenzene	13.12	180	3508209	38.25	ug/L	99
15) Naphthalene	13.25	128	12613254	35.99	ug/L	99
16) Hexachlorobutadiene	13.84	225	1700748	37.99	ug/L	97
18) Hexachlorocyclopentadiene	15.95	237	1199669	43.79	ug/L	99
19) 2-Chloronaphthalene	16.66	162	7147766	38.57	ug/L	96
20) Dimethylphthalate	17.90	163	7802028	37.10	ug/L	98
21) 2,6-Dinitrotoluene	18.08	165	1710670	35.22	ug/L	97
22) Acenaphthylene	17.87	152	10294987	36.30	ug/L	99
23) Acenaphthene	18.44	153	6924817	37.01	ug/L	98
24) 2,4-Dinitrotoluene	19.20	165	2179313	32.50	ug/L	96
25) Diethylphthalate	20.01	149	7041380	35.96	ug/L	99
26) 4-Chlorophenyl-phenylether	20.04	204	3312121	37.41	ug/L	95
27) Fluorene	19.92	166	7879302	34.92	ug/L	99
28) Azobenzene/1,2-Diphenylhyd	20.48	77	10408448	40.32	ug/L	96
30) N-nitrosodiphenylamine	20.44	169	4430413	30.39	ug/L	99
31) 4-Bromophenyl-phenylether	21.45	248	2102203	36.54	ug/L	98
32) Hexachlorobenzene	21.79	284	2162983	36.08	ug/L	97
33) Phenanthrene	22.71	178	11206030	35.20	ug/L	100
34) Anthracene	22.85	178	11321069	35.29	ug/L	100

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

0308C40.D HP022102.M

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Quantitation Report

(QT Reviewed)

• Data File : C:\MSDCHEM\1\5973N\02MAR08\0308C40.D Vial: 2
 Acq On : 8 Mar 2002 9:31 am Operator:
 Sample : cal 40 Inst : Instrumen
 Misc : March 7, 2002 Multiplr: 1.00
 MS Integration Params: SPLIT.P
 Quant Time: Mar 08 10:15:56 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
 Title : 508 scan method
 Last Update : Mon Feb 25 10:47:59 2002
 Response via : Initial Calibration
 DataAcq Meth : HP022102

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Di-n-butylphthalate	24.86	149	13435860	36.46	ug/L	99
36) Fluoranthene	26.23	202	11891554	35.39	ug/L	97
39) Pyrene	26.87	202	12334840	35.65	ug/L	95
40) Butylbenzylphthalate	29.26	149	5843600	36.97	ug/L	99
41) Benzo(a)anthracene	30.46	228	10544148	37.15	ug/L	99
42) Bis(2-ethylhexyl)phthalate	31.11	149	7938092	40.04	ug/L	97
43) Chrysene	30.59	228	10022719	36.10	ug/L	99
45) Di-n-octylphthalate	32.84	149	12509343	<u>30.52</u>	ug/L	100
46) Benzo(b)fluoranthene	33.47	252	10127055	43.67	ug/L	99
47) Benzo(k)fluoranthene	33.54	252	11143420	42.72	ug/L	97
48) Benzo(a)pyrene	34.27	252	9680700	41.03	ug/L	96
49) Indeno(1,2,3-cd)pyrene	37.05	276	9052968	44.14	ug/L	95
50) Dibenz(a,h)anthracene	37.14	278	7049004	41.26	ug/L	98
51) Benzo(g,h,i)perylene	37.76	276	7500496	39.09	ug/L	96

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

0308C40.D HP022102.M

Fri Mar 08 10:35:25 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAR08\0308C40.D
Acq On : 8 Mar 2002 9:31 am
Sample : cal 40
Misc : March 7, 2002
MS Integration Params: SPLIT.P
Quant Time: Mar 8 10:15 2002

Vial: 2
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration

