User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 03/21/2002 Time: 15:45:26

Sample: AE00364
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/21/02 15:14 Ended: 3/21/02 15:14 Analyst: MF
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		5.16		2.0
2	bis(2-Chloroethyl)ether		9.34		2.0
3	1,3-Dichlorobenzene		7.66		2.0
4	1,4-Dichlorobenzene		8.12		2.0
5	1,2-Dichlorobenzene		9.00		2.0
6	2,2-oxybis(1-Chloropropane)		10.37		2.0
7	n-Nitrosodi-n-propylamine		10.60		2.0
8	Hexachloroethane		6.70		2.0
9	Nitrobenzene		7.67		2.0
10	Isophorone		10.10		2.0
11	bis(2-Chloroethoxy)methane		8.28		2.0
12	1,2,4-Trichlorobenzene		8.01		2.0
13	Naphthalene		9.20		2.0
14	Hexachlorobutadiene		5.31		2.0
15	2-Chloronaphthalene		8.76		2.0
16	Dimethylphthalate		10.46		2.0
17	2,6-Dinitrotoluene		8.67		2.0
18	Acenaphthylene		10.12		2.0
19	Acenaphthene		9.99		2.0
20	2,4-Dinitrotoluene		8.35		2.0
21	Diethylphthalate		11.62		2.0
22	4-Chlorophenylphenylether		10.41		2.0
23	Fluorene		11.03		2.0
24	Azobenzene/1,2-Diphenylhydraz		9.46		2.0
25	n-Nitrosodiphenylamine		8.03		2.0
26	4-Bromophenylphenylether		10.85		2.0
27	Hexachlorobenzene		10.86		2.0
28	Phenanthrene		10.97		2.0
29	Anthracene		10.34		2.0
30	Di-n-butylphthalate		11.43		2.0
31	Fluoranthene		11.31		2.0
32	Pyrene		9.54		2.0
33	Butylbenzylphthalate		9.34		2.0
34	Benzo(a)anthracene		10.00		2.0
35	bis(2-Ethylhexyl)phthalate		9.74		2.0
36	Chrysene		11.27		2.0
37	Di-n-octylphthalate		8.03		2.0
38	Benzo(b)fluoranthene		10.41		2.0
39	Benzo(k)fluoranthene		11.75		2.0
40	Benzo(a)pyrene		9.36		2.0
41	Indeno(1,2,3-cd)pyrene		7.39		2.0
42	Dibenz(a,h)anthracene		8.55		2.0
43	Benzo(g,h,i)perylene		9.37		2.0

ser: Fakhouri, Morgan
estchester Dept. of Labs & Research
ate: 03/21/2002 Time: 15:45:33

ample: AE00364
nalysis: $Q_GCMS Ref calc for GCMS Scan
nits: ug
tarted: 3/21/02 15:14 Ended: 3/21/02 15:14 Analyst: MF
esult source: calculation
age: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		52		2.0
2	bis(2-Chloroethyl)ether	USPEC	83		2.0
3	1,3-Dichlorobenzene	USPEC	77		2.0
4	1,4-Dichlorobenzene	USPEC	80		2.0
5	1,2-Dichlorobenzene	USPEC	90		2.0
6	2,2-oxybis(1-Chloropropane)	USPEC	100		2.0
7	n-Nitrosodi-n-propylamine	USPEC	110		2.0
8	Hexachloroethane	USPEC	67		2.0
9	Nitrobenzene		77		2.0
10	Isophorone	USPEC	100		2.0
11	bis(2-Chloroethoxy)methane		83		2.0
12	1,2,4-Trichlorobenzene	USPEC	80		2.0
13	Naphthalene	USPEC	92		2.0
14	Hexachlorobutadiene	USPEC	51		2.0
15	2-Chloronaphthalene	USPEC	88		2.0
16	Dimethylphthalate	USPEC	100		2.0
17	2,6-Dinitrotoluene	USPEC	87		2.0
18	Acenaphthylene	USPEC	100		2.0
19	Acenaphthene	USPEC	89		2.0
20	2,4-Dinitrotoluene	USPEC	83		2.0
21	Diethylphthalate	USPEC	100		2.0
22	4-Chlorophenylphenylether	USPEC	90		2.0
23	Fluorene	USPEC	110		2.0
24	Azobenzene/1,2-Diphenylhydraz	USPEC	95		2.0
25	n-Nitrosodiphenylamine	USPEC	80		2.0
26	4-Bromophenylphenylether	USPEC	100		2.0
27	Hexachlorobenzene	USPEC	110		2.0
28	Phenanthrene	USPEC	100		2.0
29	Anthracene	USPEC	100		2.0
30	Di-n-butylphthalate	USPEC	110		2.0
31	Fluoranthene	USPEC	110		2.0
32	Pyrene		95		2.0
33	Butylbenzylphthalate	USPEC	97		2.0
34	Benzo(a)anthracene	USPEC	100		2.0
35	bis(2-Ethylhexyl)phthalate	USPEC	100		2.0
36	Chrysene	USPEC	100		2.0
37	Di-n-octylphthalate	USPEC	110		2.0
38	Benzo(b)fluoranthene	USPEC	100		2.0
39	Benzo(k)fluoranthene	USPEC	100		2.0
40	Benzo(a)pyrene	USPEC	100		2.0
41	Indeno(1,2,3-cd)pyrene		74		2.0
42	Dibenz(a,h)anthracene		86		2.0
43	Benzo(g,h,i)perylene		94		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\220REF1.D Vial: 6
Acq On : 19 Mar 2002 3:46 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:52:58 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1373915	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3571414	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	1998446	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3130538	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2906226	20.00	ug/L	0.00
44) Perylene-d12	34.18	264	1700308	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	268947	7.20	ug/L	0.00
Spiked Amount 5.000			Recovery =	144.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	159257	5.16	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	453997	9.34	ug/L	84
4) 1,3 - Dichlorobenze	9.38	146	368579	7.66	ug/L	100
5) 1,4 - Dichlorobenzene	9.59	146	389464	8.12	ug/L	98
6) 1,2 - Dichlorobenzene	9.96	146	399814	9.00	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.42	45	1148867	10.37	ug/L	98
8) N-Nitroso-di-n-propylamine	10.75	70	370733	10.60	ug/L	99
9) Hexachloroethane	10.86	117	120782	6.70	ug/L	90
11) Nitrobenzene	11.10	77	493554	7.67	ug/L	96
12) Isophorone	11.81	82	1195851	10.10	ug/L	98
13) bis(2-Chloroethoxy) methan	12.55	93	589765	8.28	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	327693	8.01	ug/L	97
15) Naphthalene	13.08	128	1364813	9.20	ug/L	99
16) Hexachlorobutadiene	13.53	225	121478	5.31	ug/L	100
18) Hexachlorocyclopentadiene	15.61	237	57058	3.24	ug/L	99
19) 2-chloronaphthalene	16.51	162	799539	8.76	ug/L	99
20) Dimethylphthalate	17.59	163	1138735	10.46	ug/L	100
21) 2,6-Dinitrotoluene	17.70	165	201005	8.67	ug/L	98
22) Acenaphthylene	17.69	152	1280236	10.12	ug/L	99
23) Acenaphthene	18.22	153	859986	9.99	ug/L	98
24) 2,4-Dinitrotoluene	18.85	165	277266	8.35	ug/L	96
25) Diethylphthalate	19.72	149	1089094	11.62	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.89	204	519762	10.41	ug/L	96
27) Fluorene	19.76	166	1118657	11.03	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1306996	9.46	ug/L	99
30) N-Nitrosodiphenylamine	20.26	169	539996	8.03	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.32	248	299714	10.85	ug/L	92
32) Hexachlorobenzene	21.34	284	316437	10.86	ug/L	97
33) Phenanthrene	22.56	178	1590896	10.97	ug/L	99
34) Anthracene	22.70	178	1487734	10.34	ug/L	100
35) Di-n-butylphthalate	24.65	149	1899467	11.43	ug/L	99
36) Fluoranthene	26.06	202	1863050	11.31	ug/L	98
39) Pyrene	26.69	202	1917538	9.54	ug/L	97
40) Butylbenzylphthalate	29.04	149	803572	9.34	ug/L	95
41) Benzo (a) antracene	30.29	228	1524641	10.00	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1107752	9.74	ug/L	97
43) Chrysene	30.38	228	1633923	11.27	ug/L	100
45) Di-n-Octylphthalate	32.75	149	1466176	8.03	ug/L	100
46) Benzo (b) fluoranthene	33.23	252	1247233	10.41	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\220REF1.D Vial: 6
Acq On : 19 Mar 2002 3:46 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:52:58 2002 Quant Results File: 5080302.RES

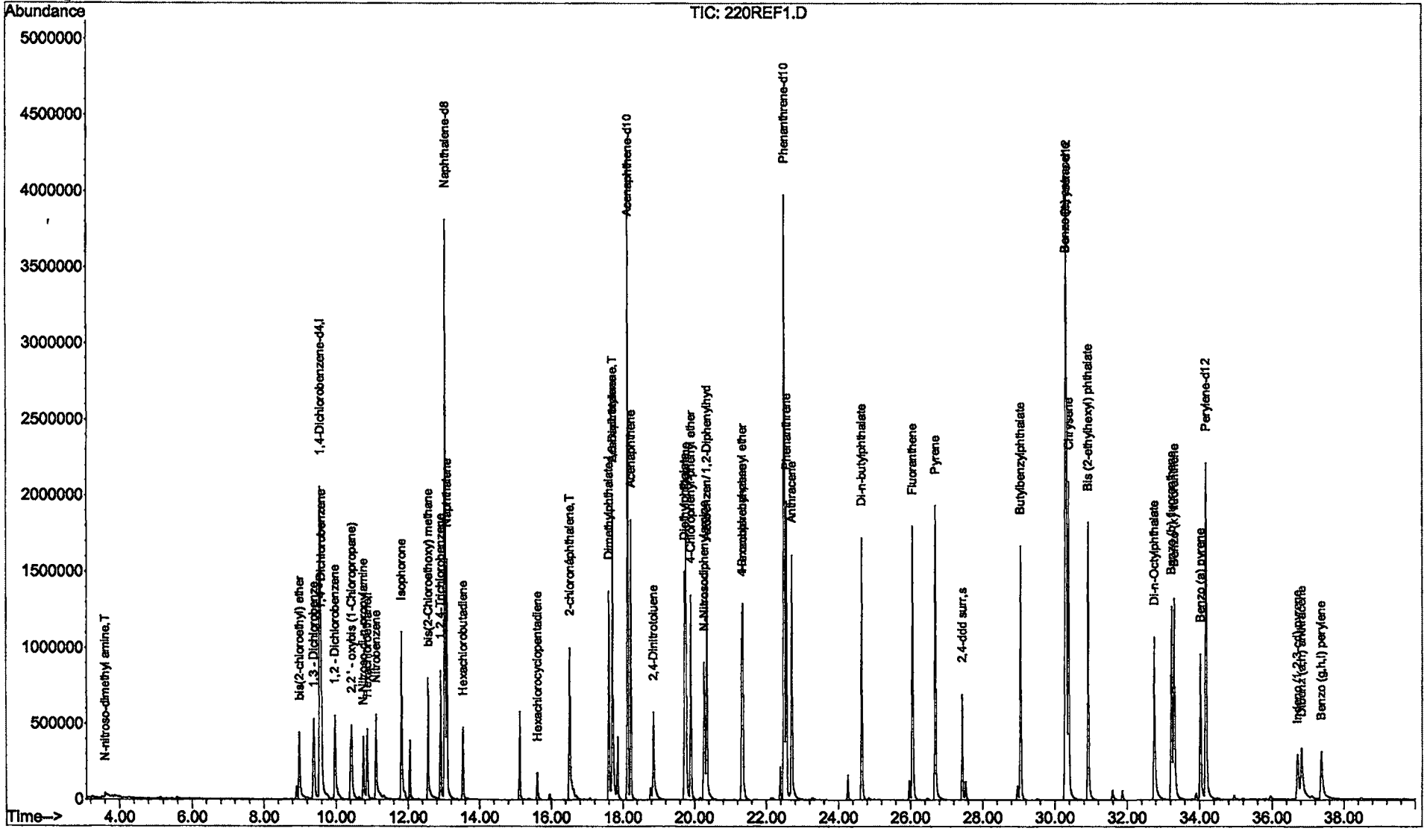
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	33.31	252	1436076	11.75 ug/L	99
48) Benzo (a) pyrene	34.02	252	957767	9.36 ug/L	97
49) Indeno (1,2,3-cd) pyrene	36.72	276	435190	7.39 ug/L	98
50) Dibenz (a,h) anthracene	36.83	278	484002	8.55 ug/L	96
51) Benzo (g,h,i) perylene	37.38	276	530963	9.37 ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\031902\220REF1.D Vial: 6
Acq On : 19 Mar 2002 3:46 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:52 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\220REF2.D Vial: 7
Acq On : 19 Mar 2002 4:35 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:53:19 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1912024	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4871709	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2721707	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	4263097	20.00	ug/L	0.00
38) Chrysene-d12	30.32	240	3810366	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	2046267	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	386411	7.60	ug/L	0.00
Spiked Amount 5.000			Recovery = 152.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.58	74	260616	6.07	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	771187	11.39	ug/L	81
4) 1,3 - Dichlorobenze	9.38	146	531850	7.95	ug/L	98
5) 1,4 - Dichlorobenzene	9.59	146	559653	8.38	ug/L	98
6) 1,2 - Dichlorobenzene	9.96	146	581603	9.41	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1793978	11.64	ug/L	99
8) N-Nitroso-di-n-propylamine	10.76	70	629921	12.94	ug/L	95
9) Hexachloroethane	10.86	117	169620	6.76	ug/L	94
11) Nitrobenzene	11.10	77	802007	9.14	ug/L	97
12) Isophorone	11.81	82	1822611	11.29	ug/L	99
13) bis(2-Chloroethoxy) methan	12.55	93	949756	9.77	ug/L	100
14) 1,2,4-Trichlorobenzene	12.90	180	481453	8.63	ug/L	99
15) Naphthalene	13.08	128	2058024	10.16	ug/L	100
16) Hexachlorobutadiene	13.53	225	166825	5.35	ug/L	95
18) Hexachlorocyclopentadiene	15.61	237	77155	3.22	ug/L	100
19) 2-chloronaphthalene	16.51	162	1228040	9.88	ug/L	98
20) Dimethylphthalate	17.60	163	1682721	11.35	ug/L	98
21) 2,6-Dinitrotoluene	17.71	165	316854	10.04	ug/L	95
22) Acenaphthylene	17.70	152	1863353	10.81	ug/L	99
23) Acenaphthene	18.22	153	1247335	10.64	ug/L	100
24) 2,4-Dinitrotoluene	18.86	165	426033	9.43	ug/L	94
25) Diethylphthalate	19.73	149	1566108	12.27	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.89	204	749367	11.02	ug/L	97
27) Fluorene	19.76	166	1629038	11.79	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1943606	10.33	ug/L	98
30) N-Nitrosodiphenylamine	20.26	169	847207	9.25	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.32	248	436668	11.60	ug/L	92
32) Hexachlorobenzene	21.34	284	452932	11.41	ug/L	93
33) Phenanthrene	22.56	178	2285942	11.58	ug/L	99
34) Anthracene	22.70	178	2200925	11.23	ug/L	100
35) Di-n-butylphthalate	24.65	149	2720877	12.02	ug/L	99
36) Fluoranthene	26.06	202	2678155	11.94	ug/L	99
39) Pyrene	26.69	202	2751869	10.45	ug/L	99
40) Butylbenzylphthalate	29.05	149	1156013	10.25	ug/L	99
41) Benzo (a) antracene	30.29	228	2088992	10.45	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1512841	10.15	ug/L	96
43) Chrysene	30.39	228	2229952	11.74	ug/L	98
45) Di-n-Octylphthalate	32.75	149	2064439	9.39	ug/L	99
46) Benzo (b) fluoranthene	33.23	252	1629504	11.30	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\220REF2.D Vial: 7
Acq On : 19 Mar 2002 4:35 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:53:19 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.31	252	1876236	12.76	ug/L	99
48) Benzo (a) pyrene	34.02	252	1208525	9.81	ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.71	276	568228	8.02	ug/L	99
50) Dibenz (a,h) anthracene	36.83	278	690528	10.13	ug/L	99
51) Benzo (g,h,i) perylene	37.38	276	709600	10.40	ug/L	96

(#) = qualifier out of range (m) = manual integration
220REF2.D 5080302.M Thu Mar 21 11:53:35 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\220REF2.D Vial: 7
Acq On : 19 Mar 2002 4:35 pm Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:53 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration