User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 14:38:32

Sample: AE04245
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 2/28/02 14:28 Ended: 3/26/02 14:28 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		2.76		2.0
2	bis(2-Chloroethyl)ether		8.19		2.0
3	1,3-Dichlorobenzene		6.03		2.0
4	1,4-Dichlorobenzene		6.27		2.0
5	1,2-Dichlorobenzene		6.91		2.0
6	2,2-oxybis(1-Chloropropane)		9.27		2.0
7	n-Nitrosodi-n-propylamine		9.09		2.0
8	Hexachloroethane		5.69		2.0
9	Nitrobenzene		5.78		2.0
10	Isophorone		9.15		2.0
11	bis(2-Chloroethoxy)methane		7.05		2.0
12	1,2,4-Trichlorobenzene		6.06		2.0
13	Naphthalene		7.56		2.0
14	Hexachlorobutadiene		4.02		2.0
15	2-Chloronaphthalene		6.36		2.0
16	Dimethylphthalate		8.99		2.0
17	2,6-Dinitrotoluene		6.23		2.0
18	Acenaphthylene		8.40		2.0
19	Acenaphthene		8.54		2.0
20	2,4-Dinitrotoluene		5.47		2.0
21	Diethylphthalate		9.99		2.0
22	4-Chlorophenylphenylether		8.36		2.0
23	Fluorene		9.15		2.0
24	Azobenzene/1,2-Diphenylhydr		8.60		2.0
25	n-Nitrosodiphenylamine		7.85		2.0
26	4-Bromophenylphenylether		9.00		2.0
27	Hexachlorobenzene		8.52		2.0
28	Phenanthrene		9.12		2.0
29	Anthracene		8.40		2.0
30	Di-n-butylphthalate		10.04		2.0
31	Fluoranthene		8.53		2.0
32	Pyrene		9.31		2.0
33	Butylbenzylphthalate		8.59		2.0
34	Benzo(a)anthracene		8.13		2.0
35	bis(2-Ethylhexyl)phthalate		8.16		2.0
36	Chrysene		9.44		2.0
37	Di-n-octylphthalate		7.48		2.0
38	Benzo(b)fluoranthene		8.46		2.0
39	Benzo(k)fluoranthene		10.03		2.0
40	Benzo(a)pyrene		6.94		2.0
41	Indeno(1,2,3-cd)pyrene		5.60		2.0
42	Dibenz(a,h)anthracene		7.51		2.0
43	Benzo(g,h,i)perylene		8.06		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 03/27/2002 Time: 14:38:52

Sample: AE04245
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 2/28/02 14:28 Ended: 3/26/02 14:28 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		28		2.0
2	bis(2-Chloroethyl)ether		82		2.0
3	1,3-Dichlorobenzene	USPEC	60		2.0
4	1,4-Dichlorobenzene	USPEC	68		2.0
5	1,2-Dichlorobenzene	USPEC	69		2.0
6	2,2-oxybis(1-Chloropropane)		93		2.0
7	n-Nitrosodi-n-propylamine		91		2.0
8	Hexachloroethane	USPEC	57		2.0
9	Nitrobenzene		58		2.0
10	Isophorone		92		2.0
11	bis(2-Chloroethoxy)methane		70		2.0
12	1,2,4-Trichlorobenzene		61		2.0
13	Naphthalene		76		2.0
14	Hexachlorobutadiene		40		2.0
15	2-Chloronaphthalene		64		2.0
16	Dimethylphthalate		90		2.0
17	2,6-Dinitrotoluene		62		2.0
18	Acenaphthylene		84		2.0
19	Acenaphthene		85		2.0
20	2,4-Dinitrotoluene		55		2.0
21	Diethylphthalate	USPEC	100		2.0
22	4-Chlorophenylphenylether		84		2.0
23	Fluorene		92		2.0
24	Azobenzene/1,2-Diphenylhydr		86		2.0
25	n-Nitrosodiphenylamine		78		2.0
26	4-Bromophenylphenylether		90		2.0
27	Hexachlorobenzene		85		2.0
28	Phenanthrene		91		2.0
29	Anthracene		84		2.0
30	Di-n-butylphthalate	USPEC	100		2.0
31	Fluoranthene		85		2.0
32	Pyrene		93		2.0
33	Butylbenzylphthalate	USPEC	86		2.0
34	Benzo(a)anthracene		81		2.0
35	bis(2-Ethylhexyl)phthalate	USPEC	82		2.0
36	Chrysene		94		2.0
37	Di-n-octylphthalate	USPEC	76		2.0
38	Benzo(b)fluoranthene		85		2.0
39	Benzo(k)fluoranthene	USPEC	100		2.0
40	Benzo(a)pyrene		69		2.0
41	Indeno(1,2,3-cd)pyrene		56		2.0
42	Dibenz(a,h)anthracene		75		2.0
43	Benzo(g,h,i)perylene		81		2.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\228REF1.D Vial: 2
Acq On : 26 Mar 2002 11:40 am Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 07:22:32 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1244858	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3340357	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	1857647	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	2835895	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2289384	20.00	ug/L	-0.01
44) Perylene-d12	34.18	264	1184409	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	192230	5.68	ug/L	0.00
Spiked Amount 5.000			Recovery = 113.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.60	74	93571	3.35	ug/L #	100
3) bis(2-chloroethyl) ether	8.98	93	392820	8.91	ug/L	82
4) 1,3 - Dichlorobenze	9.38	146	254894	5.85	ug/L	97
5) 1,4 - Dichlorobenzene	9.59	146	278541	6.41	ug/L	91
6) 1,2 - Dichlorobenzene	9.97	146	284494	7.07	ug/L	100
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1012823	10.09	ug/L	98
8) N-Nitroso-di-n-propylamine	10.75	70	308537	9.74	ug/L	99
9) Hexachloroethane	10.86	117	96642	5.92	ug/L	93
11) Nitrobenzene	11.10	77	364155	6.05	ug/L	98
12) Isophorone	11.81	82	1085766	9.81	ug/L	97
13) bis(2-Chloroethoxy) methan	12.56	93	503740	7.56	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	239668	6.27	ug/L	95
15) Naphthalene	13.08	128	1115160	8.03	ug/L	98
16) Hexachlorobutadiene	13.53	225	94496	4.42	ug/L	95
18) Hexachlorocyclopentadiene	15.61	237	21508	1.31	ug/L	96
19) 2-chloronaphthalene	16.51	162	568615	6.71	ug/L	95
20) Dimethylphthalate	17.59	163	957505	9.46	ug/L	99
21) 2,6-Dinitrotoluene	17.70	165	146385	6.79	ug/L	94
22) Acenaphthylene	17.69	152	1041875	8.86	ug/L	99
23) Acenaphthene	18.22	153	701857	8.77	ug/L	99
24) 2,4-Dinitrotoluene	18.86	165	214872	6.97	ug/L	99
25) Diethylphthalate	19.72	149	929462	10.67	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.90	204	408137	8.79	ug/L	100
27) Fluorene	19.75	166	908088	9.63	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1201964	9.36	ug/L	96
30) N-Nitrosodiphenylamine	20.26	169	563510	9.24	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	231803	9.26	ug/L	95
32) Hexachlorobenzene	21.35	284	239670	9.08	ug/L	96
33) Phenanthrene	22.56	178	1282597	9.77	ug/L	99
34) Anthracene	22.70	178	1201455	9.22	ug/L	98
35) Di-n-butylphthalate	24.65	149	1666396	11.07	ug/L	99
36) Fluoranthene	26.06	202	1479918	9.92	ug/L	99
39) Pyrene	26.69	202	1519137	9.60	ug/L	100
40) Butylbenzylphthalate	29.05	149	629174	9.28	ug/L	92
41) Benzo (a) antracene	30.29	228	1082014	9.01	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.91	149	821923	9.18	ug/L	99
43) Chrysene	30.38	228	1167785	10.23	ug/L	96
45) Di-n-Octylphthalate	32.75	149	1041415	8.19	ug/L	98
46) Benzo (b) fluoranthene	33.23	252	776569	9.30	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\228REF1.D Vial: 2
Acq On : 26 Mar 2002 11:40 am Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 07:22:32 2002 Quant Results File: 5080302.RES

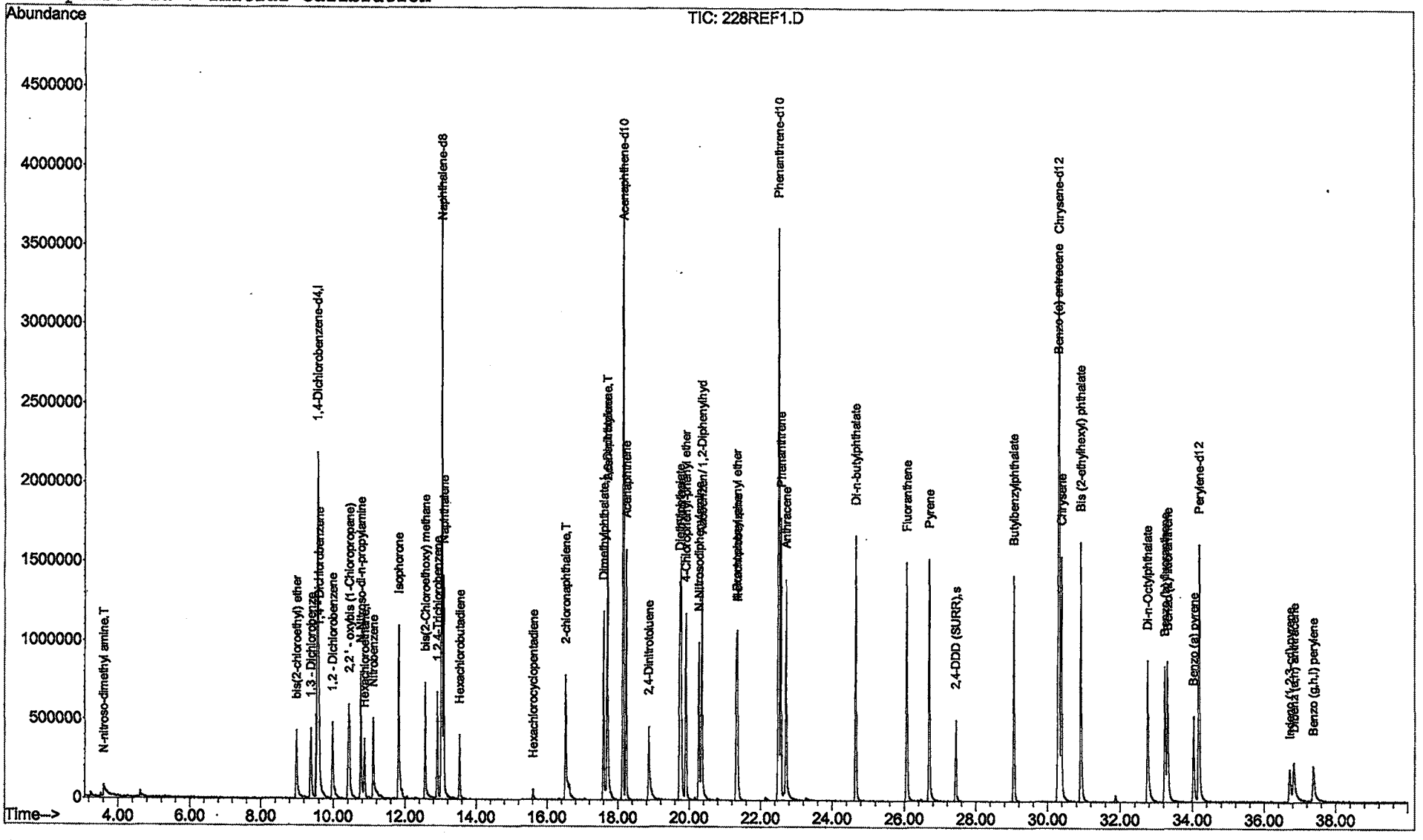
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.30	252	923014	10.84	ug/L	98
48) Benzo (a) pyrene	34.03	252	547931	7.68	ug/L	99
49) Indeno (1,2,3-cd) pyrene	36.72	276	282565	6.89	ug/L	95
50) Dibenz (a,h) anthracene	36.82	278	337220	8.55	ug/L	98
51) Benzo (g,h,i) perylene	37.37	276	358921	9.09	ug/L	92

(#) = qualifier out of range (m) = manual integration
228REF1.D 5080302.M Wed Mar 27 07:23:01 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\032602\228REF1.D Vial: 2
Acq On : 26 Mar 2002 11:40 am Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 7:22 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration



228REF1.D 5080302.M Wed Mar 27 07:23:02 2002

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\228REF2.D Vial: 3
Acq On : 26 Mar 2002 12:29 pm Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 07:23:29 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1246084	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3364200	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	1857715	20.00	ug/L	0.00
29) Phenanthrene-d10	22.49	188	2795218	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2004432	20.00	ug/L	-0.02
44) Perylene-d12	34.17	264	991617	20.00	ug/L	-0.01
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	166059	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.61	74	77255	2.76	ug/L #	100
3) bis(2-chloroethyl) ether	8.98	93	361239	8.19	ug/L	81
4) 1,3 - Dichlorobenze	9.39	146	262874	6.03	ug/L	97
5) 1,4 - Dichlorobenzene	9.60	146	272764	6.27	ug/L	99
6) 1,2 - Dichlorobenzene	9.97	146	278504	6.91	ug/L	96
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	931373	9.27	ug/L	98
8) N-Nitroso-di-n-propylamine	10.76	70	288418	9.09	ug/L	95
9) Hexachloroethane	10.86	117	93012	5.69	ug/L	91
11) Nitrobenzene	11.10	77	350401	5.78	ug/L	99
12) Isophorone	11.81	82	1020171	9.15	ug/L	99
13) bis(2-Chloroethoxy) methan	12.56	93	472915	7.05	ug/L	99
14) 1,2,4-Trichlorobenzene	12.90	180	233347	6.06	ug/L	97
15) Naphthalene	13.08	128	1056443	7.56	ug/L	100
16) Hexachlorobutadiene	13.53	225	86631	4.02	ug/L	94
18) Hexachlorocyclopentadiene	15.61	237	24221	1.48	ug/L	99
19) 2-chloronaphthalene	16.50	162	539401	6.36	ug/L	98
20) Dimethylphthalate	17.59	163	909890	8.99	ug/L	98
21) 2,6-Dinitrotoluene	17.70	165	134229	6.23	ug/L	94
22) Acenaphthylene	17.69	152	988765	8.40	ug/L	99
23) Acenaphthene	18.23	153	683391	8.54	ug/L	95
24) 2,4-Dinitrotoluene	18.86	165	168649	5.47	ug/L	95
25) Diethylphthalate	19.72	149	870086	9.99	ug/L	97
26) 4-Chlorophenyl-phenyl ethe	19.90	204	388074	8.36	ug/L	97
27) Fluorene	19.76	166	862448	9.15	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1105387	8.60	ug/L	96
30) N-Nitrosodiphenylamine	20.27	169	471718	7.85	ug/L	96
31) 4-Bromophenyl-phenyl ether	21.32	248	222003	9.00	ug/L	95
32) Hexachlorobenzene	21.34	284	221806	8.52	ug/L	97
33) Phenanthrene	22.56	178	1180061	9.12	ug/L	100
34) Anthracene	22.70	178	1078987	8.40	ug/L	100
35) Di-n-butylphthalate	24.65	149	1489763	10.04	ug/L	100
36) Fluoranthene	26.05	202	1254514	8.53	ug/L	97
39) Pyrene	26.69	202	1289440	9.31	ug/L	99
40) Butylbenzylphthalate	29.05	149	509398	8.59	ug/L	97
41) Benzo (a) antracene	30.28	228	855508	8.13	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.91	149	639640	8.16	ug/L	97
43) Chrysene	30.37	228	943161	9.44	ug/L	97
45) Di-n-Octylphthalate	32.75	149	796591	7.48	ug/L	100
46) Benzo (b) fluoranthene	33.23	252	590966	8.46	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\228REF2.D Vial: 3
Acq On : 26 Mar 2002 12:29 pm Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 07:23:29 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.30	252	714891	10.03	ug/L	99
48) Benzo (a) pyrene	34.03	252	414052	6.94	ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.72	276	192156	5.60	ug/L	98
50) Dibenz (a,h) anthracene	36.83	278	247905	7.51	ug/L	94
51) Benzo (g,h,i) perylene	37.39	276	266364	8.06	ug/L	94

(#) = qualifier out of range (m) = manual integration
228REF2.D 5080302.M Wed Mar 27 07:23:47 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\032602\228REF2.D Vial: 3
Acq On : 26 Mar 2002 12:29 pm Operator: McLean
Sample : 2/28/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 27 7:23 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration