Response Factor Report Instrumen

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration

Calibration Files
6 =CAL6.D 1 =CAL1.D 2 =CAL2.D
3 =CAL3.D 4 =CAL4.D 5 =CAL5.D

		Compound	6	1	2	3	4	5	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	ISTD							
2)	T	N-nitroso-dimet	0.565	0.639	0.659	0.619	0.565	0.583	0.605	6.57
3)		bis(2-chloroeth	0.827	1.196	1.112	0.922	0.817	0.807	0.947	17.74
4)		1,3 - Dichlorob	0.773	1.090	1.034	0.890	0.793	0.785	0.894	15.36
5)		1,4 - Dichlorob	0.754	1.090	1.044	0.883	0.794	0.766	0.888	16.47
6)		1,2 - Dichlorob	0.703	1.034	0.958	0.816	0.723	0.702	0.823	17.34
7)		2,2 ' - oxybis	1.897	2.905	2.681	2.294	2.016	1.948	2.290	18.29
8)		N-Nitroso-di-n-		0.838	0.850	0.752	0.648	0.543	0.726	17.96
9)	I	Hexachloroethan		0.429	0.420	0.361	0.318	0.269	0.359	18.86
10)		Naphthalene-d8	ISTD							
11)		Nitrobenzene	0.420	0.526	0.506	0.467	0.441	0.437	0.466	8.98
12)		Isophorone	0.812	0.905	0.899	0.847	0.804	0.835	0.850	5.04
13)		bis(2-Chloroeth	0.462	0.583	0.574	0.516	0.483	0.474	0.515	10.08
14)		1,2,4-Trichloro	0.245	0.330	0.320	0.290	0.269	0.253	0.284	12.31
15)		Naphthalene	0.877	1.266	1.213	1.055	0.982	0.918	1.052	15.05
16)		Hexachlorobutad	0.134	0.186	0.179	0.159	0.150	0.139	0.158	13.41
17)		Acenaphthene-d10	ISTD							
18)		Hexachlorocyclo	0.213	0.136	0.165	0.215	0.220	0.224	0.196	18.68
19)	T	2-chloronaphtha	0.934	1.338	1.305	1.172	1.107	1.000	1.143	14.14
20)	I	Dimethylphthala	1.185	1.488	1.491	1.404	1.350	1.261	1.363	9.03
21)	T	2,6-Dinitrotolu	0.264	0.268	0.291	0.292	0.281	0.274	0.278	4.16
22)		Acenaphthylene	1.285	1.825	1.788	1.611	1.534	1.385	1.571	13.68
23)		Acenaphthene	0.885	1.324	1.231	1.105	1.049	0.955	1.092	15.16
24)		2,4-Dinitrotolu	0.381	0.365	0.414	0.423	0.414	0.399	0.399	5.56
25)		Diethylphthalat	0.885	1.424	1.346	1.231	1.164	0.959	1.168	18.17
26)		4-Chlorophenyl-	0.506	0.705	0.675	0.632	0.591	0.535	0.607	12.88
27)		Fluorene	0.960	1.546	1.471	1.260	1.203	1.024	1.244	18.83
28)		Azobenzen/ 1,2-	1.537	2.020	1.942	1.823	1.717	1.667	1.784	10.07
29)		Phenanthrene-d10	ISTD							
30)		N-Nitrosodiphen	0.441	0.634	0.614	0.546	0.508	0.460	0.534	14.81
31)		4-Bromophenyl-p	0.171	0.250	0.245	0.217	0.204	0.180	0.211	15.41
32)		Hexachlorobenze	0.182	0.260	0.247	0.220	0.206	0.189	0.217	14.38
33)		Phenanthrene	0.963	1.416	1.334	1.168	1.087	0.989	1.159	15.87
34)		Anthracene	0.923	1.325	1.288	1.123	1.054	0.964	1.113	14.89
35)		Di-n-butylphtha	1.128	1.513	1.527	1.391	1.313	1.167	1.340	12.63
36)		Fluoranthene	1.139	1.547	1.499	1.353	1.282	1.183	1.334	12.37
37)	s	2,4-ddd surr	0.318						0.318	0.00
38)		Chrysene-d12	ISTD							
39)		Pyrene	1.576	1.763	1.719	1.603	1.553	1.538	1.625	5.76
40)		Butylbenzylphth	0.706	0.622	0.705	0.733	0.706	0.705	0.696	5.48
41)		Benzo (a) antra	1.290	1.318	1.355	1.328	1.291	1.291	1.312	2.03
42)		Bis (2-ethylhex	0.887	0.820	0.947	0.967	0.926	0.895	0.907	5.77
43)		Chrysene	1.167	1.451	1.397	1.262	1.215	1.182	1.279	9.25
44)		Perylene-d12	ISTD							
45)		Di-n-Octylphtha	2.102	1.604	2.000	2.269	2.247	2.083	2.051	11.79
46)		Benzo (b) fluor	1.667	1.693	1.720	1.671	1.663	1.625	1.673	1.90
47)		Benzo (k) fluor	1.532	1.896	1.868	1.716	1.680	1.525	1.703	9.33

#) = Out of Range

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration

Calibration Files
6 =CAL6.D 1 =CAL1.D 2 =CAL2.D
3 =CAL3.D 4 =CAL4.D 5 =CAL5.D

	Compound	6	1	2	3	4	5	Avg	%RSD
48)	Benzo (a) pyren	1.401	1.527	1.574	1.484	1.474	1.426	1.481	4.28
49)	Indeno (1,2,3-c	0.967	1.020	1.140	1.181	1.075	1.049	1.072	7.31
50)	Dibenz (a,h) an	0.964	1.069	1.170	1.178	1.050	1.035	1.078	7.69
51)	Benzo (g,h,i) p	0.869	1.168	1.246	1.181	1.031	0.975	1.079	13.35

(#) = Out of Range

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL1.D Vial: 3
Acq On : 21 Feb 2002 4:58 pm Operator: McLean
Sample : 5 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:05:39 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	935554	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	2419784	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	1318240	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	2004536	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	1825452	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	1365306	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	20277	0.64	ug/L	0.00
Spiked Amount 5.000			Recovery = 12.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.61	74	131210	4.64	ug/L	100
3) bis(2-chloroethyl) ether	9.02	93	279835	6.32	ug/L	100
4) 1,3 - Dichlorobenze	9.41	146	254859	6.09	ug/L	98
5) 1,4 - Dichlorobenzene	9.62	146	255013	6.14	ug/L	99
6) 1,2 - Dichlorobenzene	10.00	146	241803	6.28	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	679339	6.34	ug/L	99
8) N-Nitroso-di-n-propylamine	10.79	70	196036	5.77	ug/L	98
9) Hexachloroethane	10.89	117	100258	5.97	ug/L	99
11) Nitrobenzene	11.14	77	318352	5.64	ug/L	99
12) Isophorone	11.85	82	547585	5.32	ug/L	98
13) bis(2-Chloroethoxy) methan	12.59	93	352505	5.65	ug/L	96
14) 1,2,4-Trichlorobenzene	12.94	180	199666	5.80	ug/L	98
15) Naphthalene	13.11	128	766075	6.02	ug/L	99
16) Hexachlorobutadiene	13.56	225	112814	5.90	ug/L	98
18) Hexachlorocyclopentadiene	15.64	237	44726	3.47	ug/L	98
19) 2-chloronaphthalene	16.55	162	441086	5.85	ug/L	99
20) Dimethylphthalate	17.62	163	490266	5.46	ug/L	99
21) 2,6-Dinitrotoluene	17.72	165	88311	4.82	ug/L	90
22) Acenaphthylene	17.72	152	601482	5.81	ug/L	98
23) Acenaphthene	18.25	153	436386	6.07	ug/L	95
24) 2,4-Dinitrotoluene	18.88	165	120444	4.57	ug/L	84
25) Diethylphthalate	19.77	149	469432	6.10	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.93	204	232449	5.81	ug/L	99
27) Fluorene	19.78	166	509661	6.22	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.38	77	665548	5.66	ug/L	98
30) N-Nitrosodiphenylamine	20.30	169	317699	5.94	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.35	248	125159	5.91	ug/L	98
32) Hexachlorobenzene	21.37	284	130135	5.97	ug/L	94
33) Phenanthrene	22.59	178	709512	6.11	ug/L	99
34) Anthracene	22.73	178	664052	5.95	ug/L	99
35) Di-n-butylphthalate	24.68	149	758167	5.65	ug/L	99
36) Fluoranthene	26.09	202	775203	5.80	ug/L	97
39) Pyrene	26.71	202	804795	5.42	ug/L	99
40) Butylbenzylphthalate	29.08	149	283678	4.46	ug/L	93
41) Benzo (a) antracene	30.31	228	601548	5.02	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.95	149	374120	4.52	ug/L	99
43) Chrysene	30.40	228	662227	5.67	ug/L	99
45) Di-n-Octylphthalate	32.79	149	547362	3.91	ug/L	97
46) Benzo (b) fluoranthene	33.26	252	577879	5.06	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL1.D Vial: 3
Acq On : 21 Feb 2002 4:58 pm Operator: McLean
Sample : 5 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:05:39 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

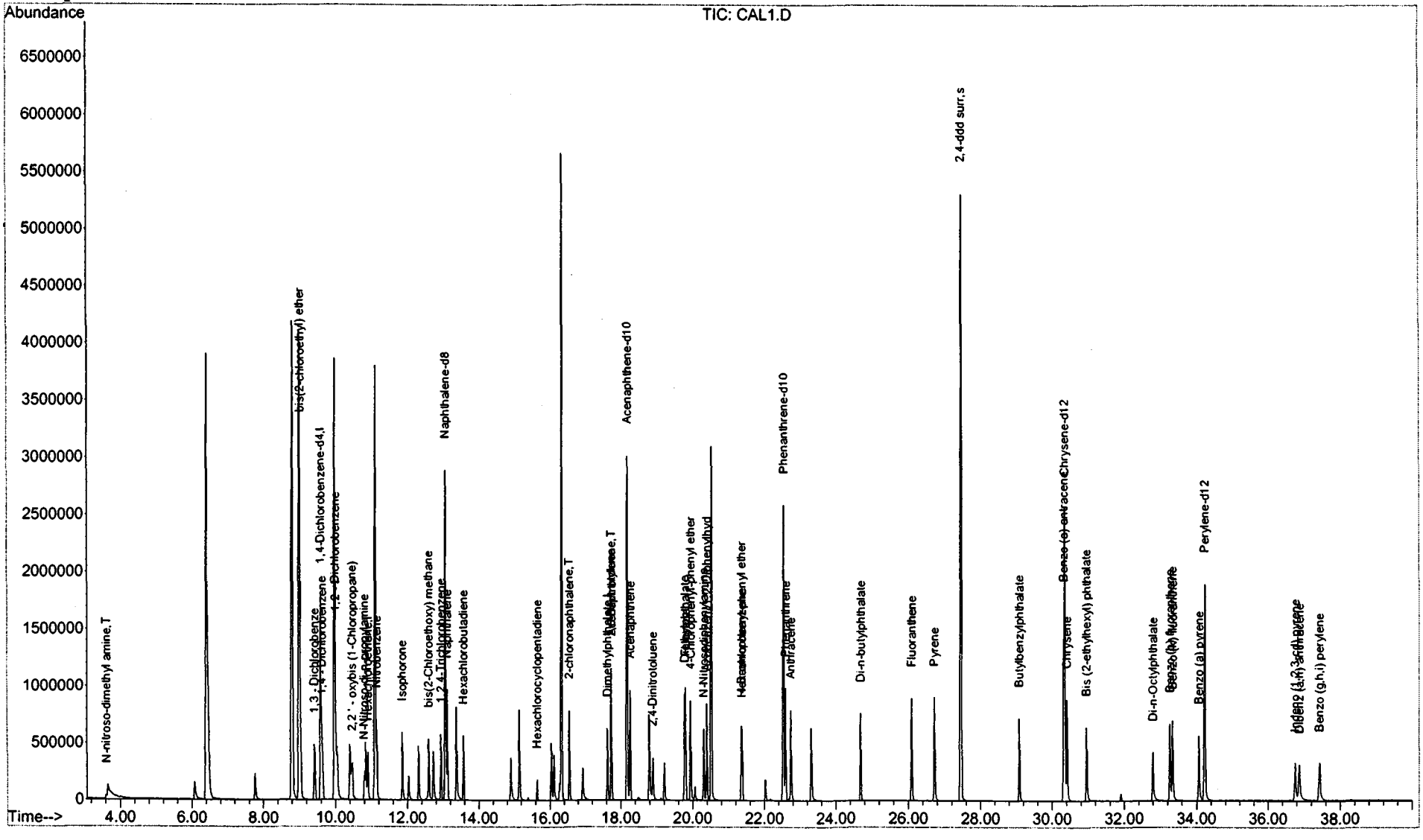
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.33	252	647266	5.57	ug/L	97
48) Benzo (a) pyrene	34.06	252	521340	5.16	ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.74	276	348204	4.76	ug/L	96
50) Dibenz (a,h) anthracene	36.86	278	364769	4.96	ug/L	95
51) Benzo (g,h,i) perylene	37.42	276	398808	5.42	ug/L	97

(#) = qualifier out of range (m) = manual integration
CAL1.D 5080202.M Wed Feb 27 06:05:44 2002 Page 2

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL1.D Vial: 3
Acq On : 21 Feb 2002 4:58 pm Operator: McLean
Sample : 5 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:05 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL2.D Vial: 4
Acq On : 21 Feb 2002 5:47 pm Operator: McLean
Sample : 10 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:05:52 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	956798	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	2434193	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	1299248	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	2022856	20.00	ug/L	0.00
38) Chrysene-d12	30.35	240	1837638	20.00	ug/L	0.00
44) Perylene-d12	34.22	264	1393451	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	19287	0.60	ug/L	0.00
Spiked Amount 5.000			Recovery =	12.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	315135	10.89	ug/L	100
3) bis(2-chloroethyl) ether	9.02	93	532099	11.75	ug/L	100
4) 1,3 - Dichlorobenze	9.41	146	494439	11.56	ug/L	99
5) 1,4 - Dichlorobenzene	9.62	146	499488	11.75	ug/L	100
6) 1,2 - Dichlorobenzene	10.00	146	458315	11.65	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.46	45	1282638	11.71	ug/L	99
8) N-Nitroso-di-n-propylamine	10.80	70	406790	11.71	ug/L	98
9) Hexachloroethane	10.89	117	200785	11.68	ug/L	99
11) Nitrobenzene	11.15	77	615736	10.85	ug/L	98
12) Isophorone	11.86	82	1093673	10.57	ug/L	99
13) bis(2-Chloroethoxy) methan	12.59	93	698375	11.13	ug/L	98
14) 1,2,4-Trichlorobenzene	12.94	180	388875	11.23	ug/L	100
15) Naphthalene	13.12	128	1475863	11.53	ug/L	99
16) Hexachlorobutadiene	13.56	225	217727	11.33	ug/L	99
18) Hexachlorocyclopentadiene	15.64	237	106970	8.42	ug/L	98
19) 2-chloronaphthalene	16.55	162	848035	11.42	ug/L	100
20) Dimethylphthalate	17.62	163	968584	10.94	ug/L	99
21) 2,6-Dinitrotoluene	17.73	165	188743	10.44	ug/L	98
22) Acenaphthylene	17.72	152	1161226	11.38	ug/L	99
23) Acenaphthene	18.26	153	800004	11.28	ug/L	99
24) 2,4-Dinitrotoluene	18.89	165	268827	10.36	ug/L	100
25) Diethylphthalate	19.77	149	874254	11.52	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.93	204	438396	11.11	ug/L	98
27) Fluorene	19.79	166	955855	11.83	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.38	77	1261825	10.89	ug/L	97
30) N-Nitrosodiphenylamine	20.30	169	620534	11.49	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.35	248	248028	11.61	ug/L	98
32) Hexachlorobenzene	21.38	284	250236	11.38	ug/L	97
33) Phenanthrene	22.60	178	1349265	11.51	ug/L	99
34) Anthracene	22.74	178	1302431	11.57	ug/L	99
35) Di-n-butylphthalate	24.68	149	1544486	11.40	ug/L	100
36) Fluoranthene	26.09	202	1516120	11.24	ug/L	96
39) Pyrene	26.72	202	1579688	10.58	ug/L	97
40) Butylbenzylphthalate	29.08	149	647803	10.13	ug/L	91
41) Benzo (a) antracene	30.31	228	1245265	10.33	ug/L	100
42) Bis (2-ethylhexyl) phthala	30.95	149	870035	10.44	ug/L	98
43) Chrysene	30.41	228	1283896	10.92	ug/L	99
45) Di-n-Octylphthalate	32.79	149	1393613	9.75	ug/L	98
46) Benzo (b) fluoranthene	33.26	252	1198594	10.28	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL2.D Vial: 4
Acq On : 21 Feb 2002 5:47 pm Operator: McLean
Sample : 10 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:05:52 2002 Quant Results File: 5080202.RES

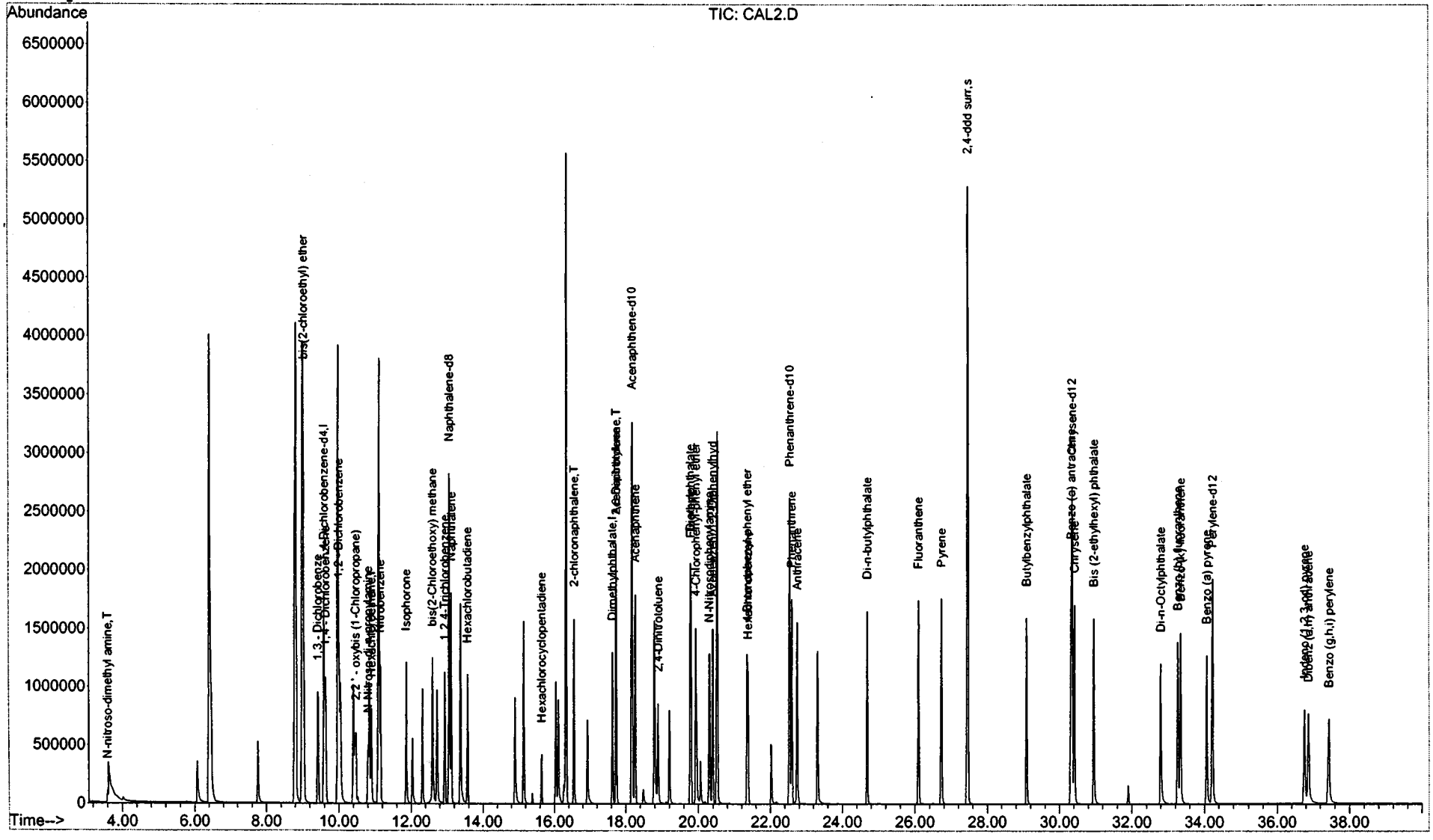
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	33.34	252	1301765	10.97 ug/L	100
48) Benzo (a) pyrene	34.06	252	1096412	10.62 ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.75	276	793985	10.63 ug/L	98
50) Dibenz (a,h) anthracene	36.87	278	815414	10.86 ug/L	99
51) Benzo (g,h,i) perylene	37.43	276	868412	11.56 ug/L	98

(#) = qualifier out of range (m) = manual integration
CAL2.D 5080202.M Wed Feb 27 06:05:57 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022102\CAL2.D Vial: 4
Acq On : 21 Feb 2002 5:47 pm Operator: McLean
Sample : 10 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:05 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL3.D Vial: 5
Acq On : 21 Feb 2002 6:36 pm Operator: McLean
Sample : 2 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:06:05 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.59	150	1305615	20.00	ug/L	0.00
10) Naphthalene-d8	13.07	136	3111304	20.00	ug/L	0.00
17) Acenaphthene-d10	18.18	164	1640749	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	2648395	20.00	ug/L	0.00
38) Chrysene-d12	30.37	240	2309596	20.00	ug/L	0.00
44) Perylene-d12	34.23	264	1685718	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	27242	0.65	ug/L	0.00
Spiked Amount 5.000			Recovery = 13.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.58	74	1010396	25.59	ug/L	100
3) bis(2-chloroethyl) ether	9.04	93	1504784	24.34	ug/L	98
4) 1,3 - Dichlorobenze	9.42	146	1452223	24.88	ug/L	99
5) 1,4 - Dichlorobenzene	9.63	146	1440950	24.84	ug/L	99
6) 1,2 - Dichlorobenzene	10.01	146	1331249	24.79	ug/L	100
7) 2,2 ' - oxybis (1-Chloropr	10.48	45	3743397	25.04	ug/L	100
8) N-Nitroso-di-n-propylamine	10.83	70	1226748	25.87	ug/L	99
9) Hexachloroethane	10.89	117	589205	25.13	ug/L	96
11) Nitrobenzene	11.17	77	1815012	25.03	ug/L	97
12) Isophorone	11.88	82	3294188	24.90	ug/L	100
13) bis(2-Chloroethoxy) methan	12.61	93	2008036	25.04	ug/L	99
14) 1,2,4-Trichlorobenzene	12.94	180	1127528	25.48	ug/L	99
15) Naphthalene	13.13	128	4102045	25.07	ug/L	100
16) Hexachlorobutadiene	13.57	225	619421	25.21	ug/L	99
18) Hexachlorocyclopentadiene	15.64	237	441724	27.53	ug/L	96
19) 2-chloronaphthalene	16.55	162	2404425	25.64	ug/L	100
20) Dimethylphthalate	17.65	163	2880377	25.75	ug/L	98
21) 2,6-Dinitrotoluene	17.76	165	598960	26.24	ug/L	96
22) Acenaphthylene	17.73	152	3303807	25.63	ug/L	99
23) Acenaphthene	18.28	153	2267134	25.32	ug/L	99
24) 2,4-Dinitrotoluene	18.91	165	867249	26.47	ug/L	94
25) Diethylphthalate	19.79	149	2523959	26.34	ug/L	100
26) 4-Chlorophenyl-phenyl ethe	19.94	204	1296362	26.02	ug/L	99
27) Fluorene	19.81	166	2583376	25.31	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.40	77	3738146	25.54	ug/L	96
30) N-Nitrosodiphenylamine	20.33	169	1807922	25.58	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.36	248	717877	25.67	ug/L	95
32) Hexachlorobenzene	21.40	284	728549	25.31	ug/L	95
33) Phenanthrene	22.61	178	3866485	25.18	ug/L	99
34) Anthracene	22.76	178	3718815	25.23	ug/L	100
35) Di-n-butylphthalate	24.69	149	4604540	25.95	ug/L	99
36) Fluoranthene	26.11	202	4479488	25.36	ug/L	100
39) Pyrene	26.74	202	4626604	24.65	ug/L	98
40) Butylbenzylphthalate	29.10	149	2115536	26.31	ug/L	96
41) Benzo (a) antracene	30.33	228	3833983	25.30	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.96	149	2791466	26.65	ug/L	97
43) Chrysene	30.44	228	3642789	24.66	ug/L	99
45) Di-n-Octylphthalate	32.80	149	4781048	27.66	ug/L	98
46) Benzo (b) fluoranthene	33.29	252	3521740	24.97	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL3.D Vial: 5
Acq On : 21 Feb 2002 6:36 pm Operator: McLean
Sample : 2 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:06:05 2002 Quant Results File: 5080202.RES

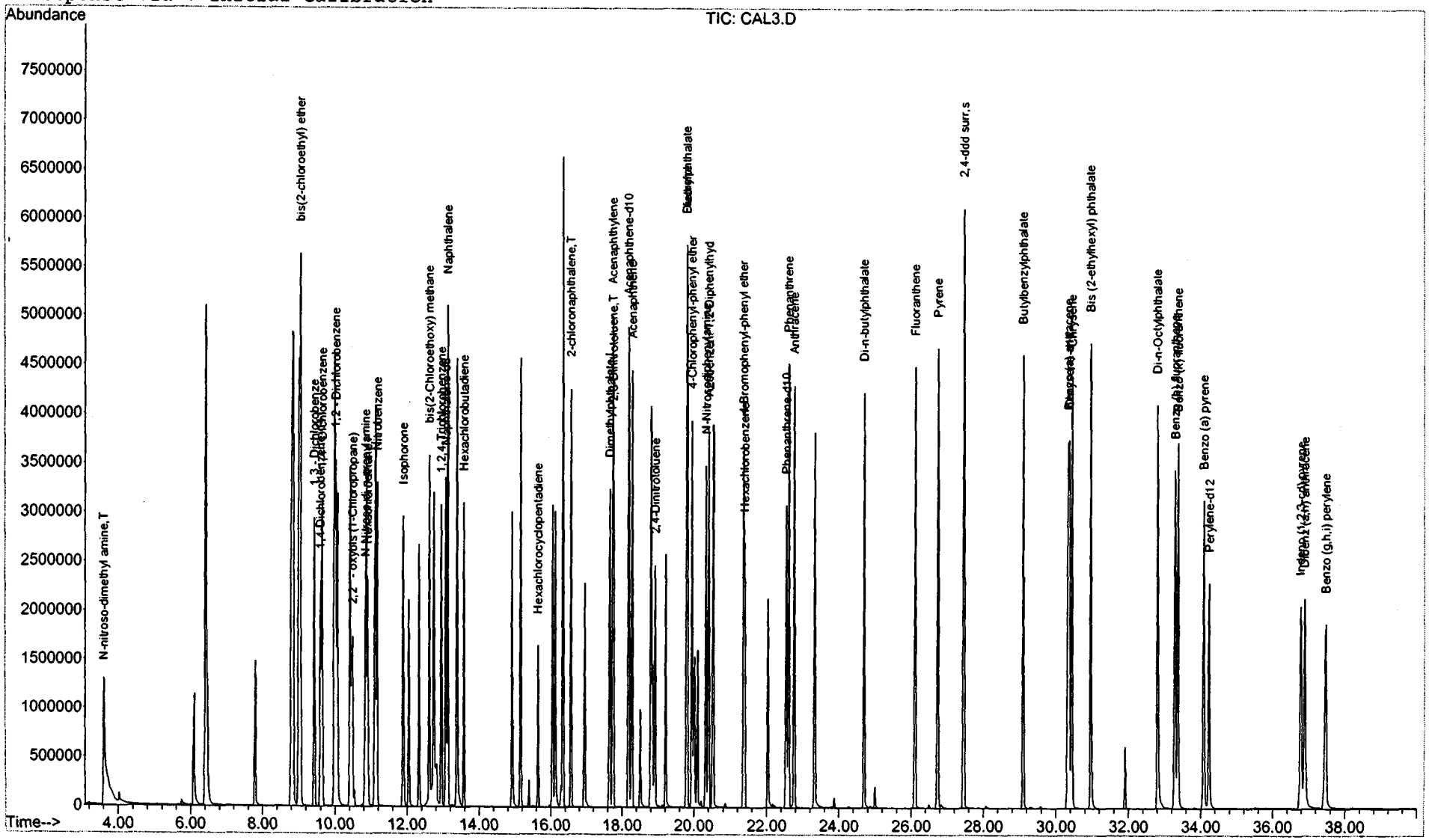
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.37	252	3615453	25.19	ug/L	99
48) Benzo (a) pyrene	34.09	252	3127339	25.05	ug/L	98
49) Indeno (1,2,3-cd) pyrene	36.78	276	2488295	27.54	ug/L	98
50) Dibenz (a,h) anthracene	36.89	278	2482665	27.33	ug/L	99
51) Benzo (g,h,i) perylene	37.47	276	2489145	27.38	ug/L	98

(#) = qualifier out of range (m) = manual integration
CAL3.D 5080202.M Wed Feb 27 06:06:09 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022102\CAL3.D Vial: 5
Acq On : 21 Feb 2002 6:36 pm Operator: McLean
Sample : 2 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:06 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

ta File : C:\MSDCHEM\1\DATA\022102\CAL4.D Vial: 6
q On : 21 Feb 2002 7:25 pm Operator: McLean
mple : 40 MIX Inst : Instrumen
sc : Multiplr: 1.00
Integration Params: BENZO.P
ant Time: Feb 27 06:06:18 2002 Quant Results File: 5080202.RES

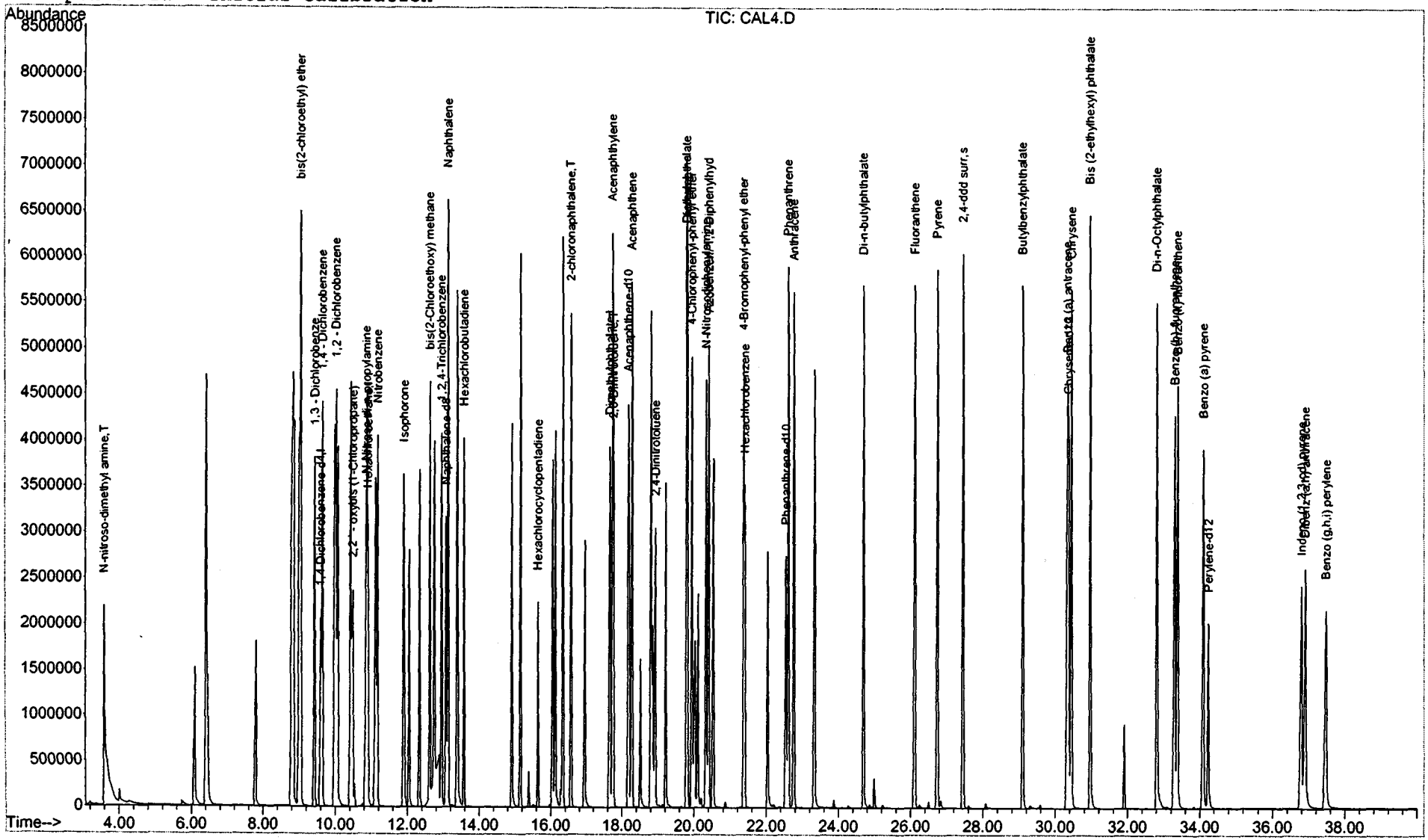
ant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
tle : Quantitation For Method 508gcscan
st Update : Mon Feb 25 19:17:14 2002
sponse via : Initial Calibration
taAcq Meth : 508SCAN

nternal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.59	150	1259365	20.00	ug/L	0.00
10) Naphthalene-d8	13.07	136	2856449	20.00	ug/L	0.00
17) Acenaphthene-d10	18.18	164	1482098	20.00	ug/L	0.00
29) Phenanthrene-d10	22.54	188	2436185	20.00	ug/L	0.00
38) Chrysene-d12	30.37	240	2073436	20.00	ug/L	0.00
44) Perylene-d12	34.23	264	1445802	20.00	ug/L	0.00
ystem Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	23134	0.60	ug/L	0.00
Spiked Amount 5.000			Recovery =	12.00%		
arget Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	1422905	37.36	ug/L	100
3) bis(2-chloroethyl) ether	9.04	93	2058003	34.52	ug/L	100
4) 1,3 - Dichlorobenze	9.43	146	1998012	35.49	ug/L	100
5) 1,4 - Dichlorobenzene	9.63	146	1999167	35.73	ug/L	100
6) 1,2 - Dichlorobenzene	10.01	146	1822193	35.18	ug/L	100
7) 2,2 ' - oxybis (1-Chloropr	10.48	45	5076566	35.21	ug/L	100
8) N-Nitroso-di-n-propylamine	10.84	70	1632852	35.70	ug/L	100
9) Hexachloroethane	10.90	117	800387	35.39	ug/L	100
11) Nitrobenzene	11.17	77	2521594	37.87	ug/L	100
12) Isophorone	11.89	82	4594183	37.83	ug/L	100
13) bis(2-Chloroethoxy) methan	12.62	93	2761967	37.52	ug/L	100
14) 1,2,4-Trichlorobenzene	12.94	180	1539585	37.90	ug/L	100
15) Naphthalene	13.14	128	5612523	37.36	ug/L	100
16) Hexachlorobutadiene	13.57	225	855090	37.91	ug/L	100
18) Hexachlorocyclopentadiene	15.65	237	652420	45.01	ug/L	100
19) 2-chloronaphthalene	16.56	162	3282119	38.75	ug/L	100
20) Dimethylphthalate	17.67	163	4003072	39.62	ug/L	100
21) 2,6-Dinitrotoluene	17.77	165	832067	40.35	ug/L	100
22) Acenaphthylene	17.74	152	4546499	39.05	ug/L	100
23) Acenaphthene	18.28	153	3108525	38.43	ug/L	100
24) 2,4-Dinitrotoluene	18.93	165	1228397	41.50	ug/L	100
25) Diethylphthalate	19.79	149	3449455	39.85	ug/L	100
26) 4-Chlorophenyl-phenyl ethe	19.95	204	1752424	38.94	ug/L	100
27) Fluorene	19.82	166	3566189	38.68	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.41	77	5089797	38.50	ug/L	100
30) N-Nitrosodiphenylamine	20.34	169	2475287	38.07	ug/L	100
31) 4-Bromophenyl-phenyl ether	21.37	248	993242	38.61	ug/L	100
32) Hexachlorobenzene	21.40	284	1004239	37.93	ug/L	100
33) Phenanthrene	22.61	178	5296382	37.50	ug/L	100
34) Anthracene	22.77	178	5137274	37.90	ug/L	100
35) Di-n-butylphthalate	24.70	149	6397496	39.20	ug/L	100
36) Fluoranthene	26.12	202	6247316	38.45	ug/L	100
39) Pyrene	26.75	202	6441310	38.23	ug/L	100
40) Butylbenzylphthalate	29.11	149	2929720	40.59	ug/L	100
41) Benzo (a) antracene	30.34	228	5352259	39.34	ug/L	100
42) Bis (2-ethylhexyl) phthala	30.96	149	3839639	40.84	ug/L	100
43) Chrysene	30.45	228	5039670	38.01	ug/L	100
45) Di-n-Octylphthalate	32.81	149	6498860	43.84	ug/L	100
46) Benzo (b) fluoranthene	33.30	252	4809114	39.76	ug/L	100

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

Data File : C:\MSDCHEM\1\DATA\022102\CAL4.D Vial: 6
Acq On : 21 Feb 2002 7:25 pm Operator: McLean
Sample : 40 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:06 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL5.D Vial: 7
Acq On : 21 Feb 2002 8:14 pm Operator: McLean
Sample : 80 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:06:28 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.60	150	1320957	20.00	ug/L	0.02
10) Naphthalene-d8	13.08	136	3105825	20.00	ug/L	0.02
17) Acenaphthene-d10	18.19	164	1702720	20.00	ug/L	0.02
29) Phenanthrene-d10	22.55	188	2794256	20.00	ug/L	0.02
38) Chrysene-d12	30.40	240	2201548	20.00	ug/L	0.04
44) Perylene-d12	34.25	264	1610425	20.00	ug/L	0.03
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	28102	0.63	ug/L	0.00
Spiked Amount 5.000			Recovery =	12.60%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.61	74	3077987	77.04	ug/L	100
3) bis(2-chloroethyl) ether	9.07	93	4262750	68.16	ug/L	96
4) 1,3 - Dichlorobenze	9.43	146	4149730	70.27	ug/L	100
5) 1,4 - Dichlorobenzene	9.65	146	4046755	68.96	ug/L	99
6) 1,2 - Dichlorobenzene	10.03	146	3707573	68.24	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.50	45	10294978	68.07	ug/L	98
8) N-Nitroso-di-n-propylamine	10.88	70	2871488	59.85	ug/L	100
9) Hexachloroethane	10.91	117	1420570	59.88	ug/L	99
11) Nitrobenzene	11.20	77	5424180	74.92	ug/L	99
12) Isophorone	11.94	82	10377620	78.58	ug/L	99
13) bis(2-Chloroethoxy) methan	12.66	93	5884659	73.52	ug/L	99
14) 1,2,4-Trichlorobenzene	12.96	180	3146095	71.22	ug/L	99
15) Naphthalene	13.16	128	11398801	69.79	ug/L	100
16) Hexachlorobutadiene	13.59	225	1732576	70.64	ug/L	99
18) Hexachlorocyclopentadiene	15.66	237	1527208	91.71	ug/L	99
19) 2-chloronaphthalene	16.58	162	6811459	70.00	ug/L	99
20) Dimethylphthalate	17.72	163	8591840	74.02	ug/L	99
21) 2,6-Dinitrotoluene	17.71	165	93536	3.95	ug/L	49
22) Acenaphthylene	17.77	152	9430524	70.50	ug/L	100
23) Acenaphthene	18.31	153	6502208	69.96	ug/L	99
24) 2,4-Dinitrotoluene	18.99	165	2717767	79.92	ug/L	95
25) Diethylphthalate	19.84	149	6529475	65.66	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.97	204	3642620	70.45	ug/L	98
27) Fluorene	19.85	166	6971433	65.82	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.44	77	11351476	74.73	ug/L	100
30) N-Nitrosodiphenylamine	20.38	169	5145883	69.00	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.40	248	2016458	68.34	ug/L	96
32) Hexachlorobenzene	21.43	284	2109376	69.46	ug/L	96
33) Phenanthrene	22.65	178	11057251	68.26	ug/L	99
34) Anthracene	22.80	178	10769498	69.26	ug/L	100
35) Di-n-butylphthalate	24.73	149	13041886	69.67	ug/L	100
36) Fluoranthene	26.15	202	13226627	70.97	ug/L	97
39) Pyrene	26.79	202	13541533	75.69	ug/L	99
40) Butylbenzylphthalate	29.13	149	6210727	81.04	ug/L	94
41) Benzo (a) antracene	30.37	228	11367783	78.70	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.98	149	7880757	78.94	ug/L	99
43) Chrysene	30.49	228	10408627	73.93	ug/L	99
45) Di-n-Octylphthalate	32.83	149	13417529	81.25	ug/L	98
46) Benzo (b) fluoranthene	33.33	252	10468819	77.70	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL5.D Vial: 7
Acq On : 21 Feb 2002 8:14 pm Operator: McLean
Sample : 80 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:06:28 2002 Quant Results File: 5080202.RES

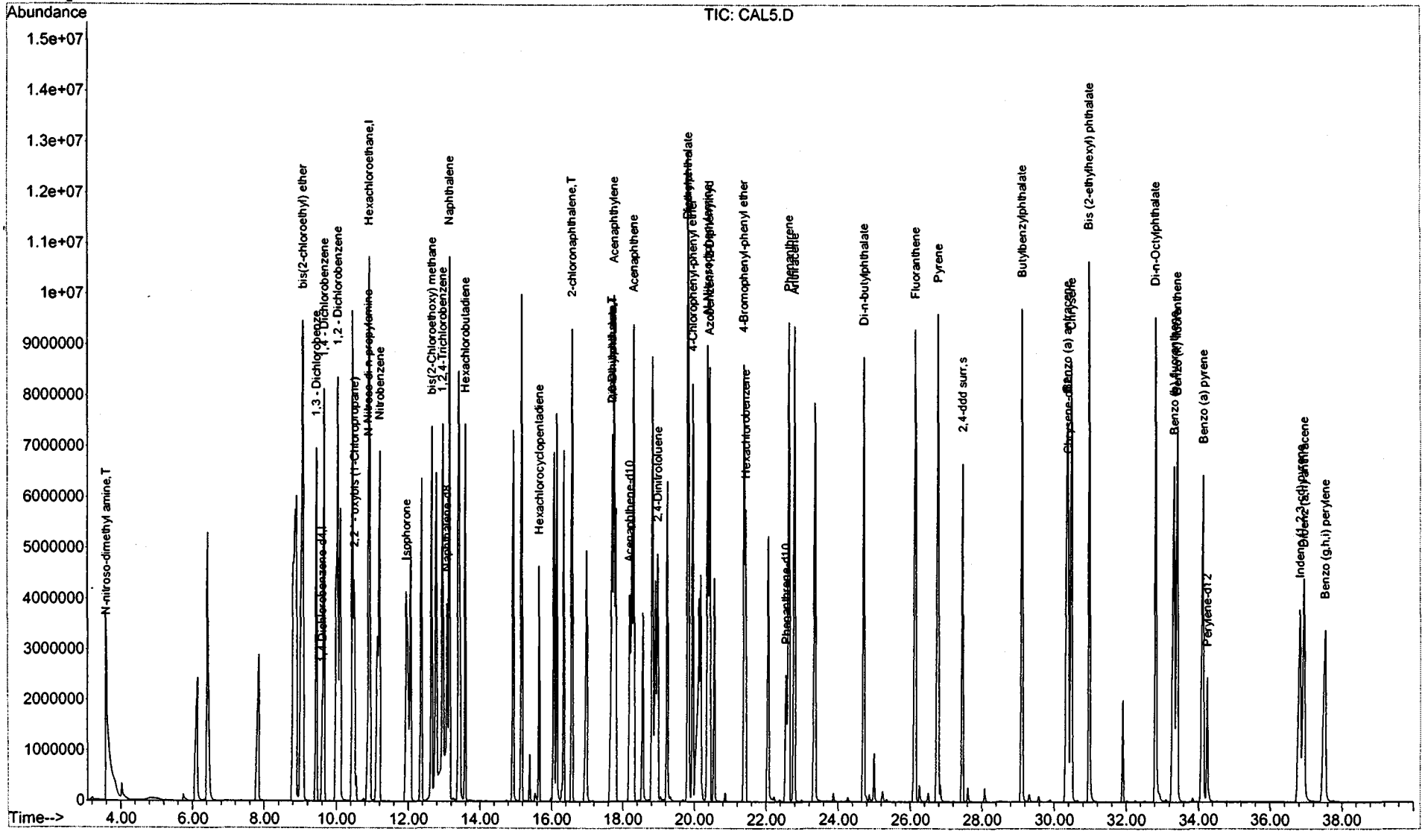
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	33.43	252	9825265	71.65 ug/L	99
48) Benzo (a) pyrene	34.14	252	9189048	77.05 ug/L	99
49) Indeno (1,2,3-cd) pyrene	36.84	276	6760312	78.31 ug/L	98
50) Dibenz (a,h) anthracene	36.94	278	6666371	76.82 ug/L	99
51) Benzo (g,h,i) perylene	37.53	276	6278017	72.29 ug/L	99

(#) = qualifier out of range (m) = manual integration
CAL5.D 5080202.M Wed Feb 27 06:06:33 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022102\CAL5.D Vial: 7
Acq On : 21 Feb 2002 8:14 pm Operator: McLean
Sample : 80 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:06 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL6.D Vial: 8
Acq On : 21 Feb 2002 9:03 pm Operator: McLean
Sample : 100 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:06:40 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.60	150	1238447	20.00	ug/L	0.02
10) Naphthalene-d8	13.09	136	3090516	20.00	ug/L	0.03
17) Acenaphthene-d10	18.19	164	1757403	20.00	ug/L	0.02
29) Phenanthrene-d10	22.56	188	2831756	20.00	ug/L	0.03
38) Chrysene-d12	30.40	240	2099308	20.00	ug/L	0.05
44) Perylene-d12	34.25	264	1481023	20.00	ug/L	0.03
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	27303	0.61	ug/L	0.00
Spiked Amount 5.000			Recovery = 12.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.62	74	3501338	93.48	ug/L	100
3) bis(2-chloroethyl) ether	9.08	93	5120600	87.33	ug/L	90
4) 1,3 - Dichlorobenze	9.44	146	4788111	86.48	ug/L	99
5) 1,4 - Dichlorobenzene	9.65	146	4669203	84.87	ug/L	100
6) 1,2 - Dichlorobenzene	10.03	146	4354779	85.49	ug/L	99
7) 2,2 ' - oxybis (1-Chloropr	10.50	45	11743978	82.82	ug/L	98
8) N-Nitroso-di-n-propylamine	10.89	70	2969945	66.03	ug/L	99
9) Hexachloroethane	10.91	117	1637536	73.62	ug/L	99
11) Nitrobenzene	11.21	77	6496398	90.18	ug/L	97
12) Isophorone	11.96	82	12547540	95.49	ug/L	99
13) bis(2-Chloroethoxy) methan	12.67	93	7146147	89.73	ug/L	100
14) 1,2,4-Trichlorobenzene	12.97	180	3778986	85.97	ug/L	100
15) Naphthalene	13.17	128	13552928	83.39	ug/L	99
16) Hexachlorobutadiene	13.60	225	2069204	84.78	ug/L	99
18) Hexachlorocyclopentadiene	15.66	237	1875968	109.15	ug/L	98
19) 2-chloronaphthalene	16.59	162	8210482	81.75	ug/L	99
20) Dimethylphthalate	17.72	163	10413873	86.93	ug/L	99
21) 2,6-Dinitrotoluene	17.72	165	119854	4.90	ug/L	54
22) Acenaphthylene	17.77	152	11293272	81.80	ug/L	100
23) Acenaphthene	18.32	153	7779174	81.10	ug/L	100
24) 2,4-Dinitrotoluene	19.00	165	3348568	95.40	ug/L	97
25) Diethylphthalate	19.86	149	7777867	75.78	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.97	204	4445114	83.29	ug/L	99
27) Fluorene	19.86	166	8434393	77.16	ug/L	100
28) Azobenzen/ 1,2-Diphenylhyd	20.45	77	13505546	86.14	ug/L	100
30) N-Nitrosodiphenylamine	20.39	169	6239823	82.56	ug/L	100
31) 4-Bromophenyl-phenyl ether	21.41	248	2420929	80.97	ug/L	95
32) Hexachlorobenzene	21.44	284	2579084	83.80	ug/L	96
33) Phenanthrene	22.66	178	13629333	83.02	ug/L	99
34) Anthracene	22.81	178	13075250	82.98	ug/L	100
35) Di-n-butylphthalate	24.73	149	15969834	84.19	ug/L	99
36) Fluoranthene	26.16	202	16132082	85.41	ug/L	97
39) Pyrene	26.79	202	16540009	96.95	ug/L	99
40) Butylbenzylphthalate	29.13	149	7412657	101.43	ug/L	95
41) Benzo (a) antracene	30.38	228	13540389	98.31	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.99	149	9311481	97.81	ug/L	98
43) Chrysene	30.50	228	12245853	91.21	ug/L	100
45) Di-n-Octylphthalate	32.84	149	15562395	102.48	ug/L	97
46) Benzo (b) fluoranthene	33.34	252	12344950	99.63	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CAL6.D Vial: 8
Acq On : 21 Feb 2002 9:03 pm Operator: McLean
Sample : 100 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:06:40 2002 Quant Results File: 5080202.RES

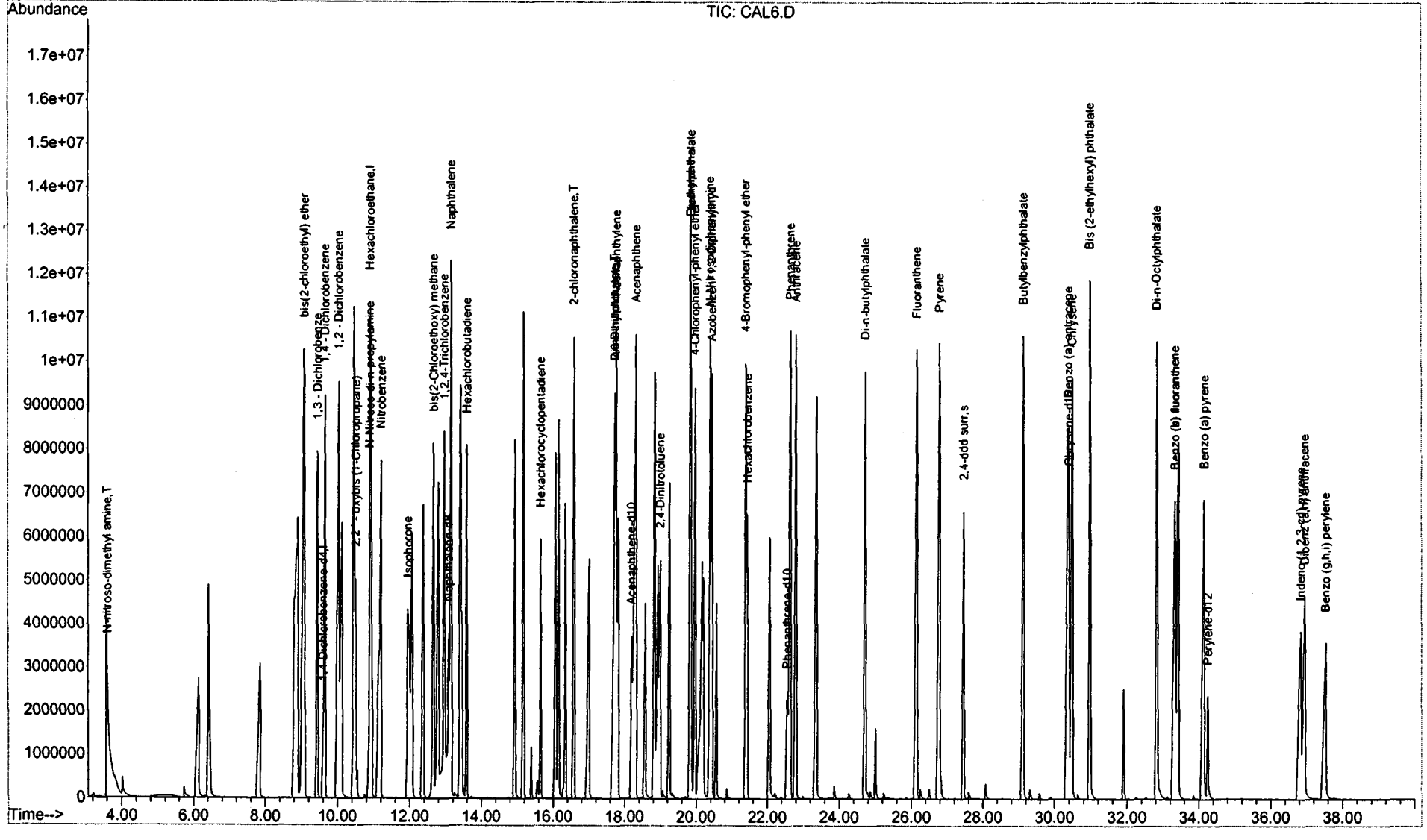
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.34	252	12344950	97.89	ug/L	99
48) Benzo (a) pyrene	34.15	252	10376131	94.60	ug/L	100
49) Indeno (1,2,3-cd) pyrene	36.84	276	7160439	90.19	ug/L	96
50) Dibenz (a,h) anthracene	36.95	278	7137995	89.44	ug/L	98
51) Benzo (g,h,i) perylene	37.53	276	6437094	80.60	ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\022102\CAL6.D Vial: 8
Acq On : 21 Feb 2002 9:03 pm Operator: McLean
Sample : 100 MIX Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 6:06 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CALCK.D Vial: 10
Acq On : 21 Feb 2002 10:41 pm Operator: McLean
Sample : CAL CHECK Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 22 10:28:18 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Feb 22 10:27:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1241665	20.00	ug/L	0.00
10) Naphthalene-d8	13.06	136	2968130	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	1587791	20.00	ug/L	0.00
29) Phenanthrene-d10	22.53	188	2537811	20.00	ug/L	0.00
38) Chrysene-d12	30.36	240	2370581	20.00	ug/L	0.00
44) Perylene-d12	34.22	264	1744179	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.57	74	715057	19.04	ug/L	100
3) bis(2-chloroethyl) ether	9.01	93	1166317	19.84	ug/L	96
4) 1,3 - Dichlorobenze	9.41	146	1055891	19.02	ug/L	100
5) 1,4 - Dichlorobenzene	9.62	146	1037784	18.81	ug/L	98
6) 1,2 - Dichlorobenzene	10.00	146	993305	19.45	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.47	45	2549076	17.93	ug/L	99
8) N-Nitroso-di-n-propylamine	10.80	70	873732	19.38	ug/L	99
9) Hexachloroethane	10.89	117	414458	18.59	ug/L	97
11) Nitrobenzene	11.14	77	1211705	17.51	ug/L	96
12) Isophorone	11.87	82	2335358	18.50	ug/L	99
13) bis(2-Chloroethoxy) methan	12.60	93	1394524	18.23	ug/L	98
14) 1,2,4-Trichlorobenzene	12.94	180	783078	18.55	ug/L	99
15) Naphthalene	13.12	128	2905318	18.61	ug/L	100
16) Hexachlorobutadiene	13.56	225	449937	19.19	ug/L	97
18) Hexachlorocyclopentadiene	15.64	237	276258	17.79	ug/L	97
19) 2-chloronaphthalene	16.55	162	1713381	18.88	ug/L	99
20) Dimethylphthalate	17.63	163	2016381	18.63	ug/L	99
21) 2,6-Dinitrotoluene	17.74	165	418046	18.92	ug/L	99
22) Acenaphthylene	17.73	152	2400968	19.25	ug/L	99
23) Acenaphthene	18.26	153	1614669	18.63	ug/L	98
24) 2,4-Dinitrotoluene	18.89	165	626629	19.76	ug/L	100
25) Diethylphthalate	19.77	149	1845346	19.90	ug/L	100
26) 4-Chlorophenyl-phenyl ethe	19.93	204	928946	19.27	ug/L	98
27) Fluorene	19.80	166	1912479	19.36	ug/L	99
28) Azobenzen/ 1,2-Diphenylhyd	20.38	77	2443613	17.25	ug/L	99
30) N-Nitrosodiphenylamine	20.30	169	1380184	20.38	ug/L	98
31) 4-Bromophenyl-phenyl ether	21.35	248	529277	19.75	ug/L	95
32) Hexachlorobenzene	21.39	284	530420	19.23	ug/L	94
33) Phenanthrene	22.60	178	2725542	18.53	ug/L	98
34) Anthracene	22.75	178	2760791	19.55	ug/L	100
35) Di-n-butylphthalate	24.69	149	3353993	19.73	ug/L	99
36) Fluoranthene	26.10	202	3120195	18.43	ug/L	98
39) Pyrene	26.73	202	3309793	17.18	ug/L	98
40) Butylbenzylphthalate	29.09	149	1460939	17.70	ug/L	95
41) Benzo (a) antracene	30.32	228	2837874	18.25	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.95	149	2039366	18.97	ug/L	99
43) Chrysene	30.42	228	2692096	17.76	ug/L	99
45) Di-n-Octylphthalate	32.79	149	3208873	17.94	ug/L	98
46) Benzo (b) fluoranthene	33.28	252	2739063	18.77	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022102\CALCK.D Vial: 10
Acq On : 21 Feb 2002 10:41 pm Operator: McLean
Sample : CAL CHECK Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 22 10:28:18 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Fri Feb 22 10:27:54 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.36	252	2745406	18.49	ug/L	99
48)	Benzo (a) pyrene	34.08	252	2349533	18.19	ug/L	99
49)	Indeno (1,2,3-cd) pyrene	36.76	276	1608014	17.20	ug/L	100
50)	Dibenz (a,h) anthracene	36.88	278	1742370	18.54	ug/L	98
51)	Benzo (g,h,i) perylene	37.44	276	1635924	17.39	ug/L	97

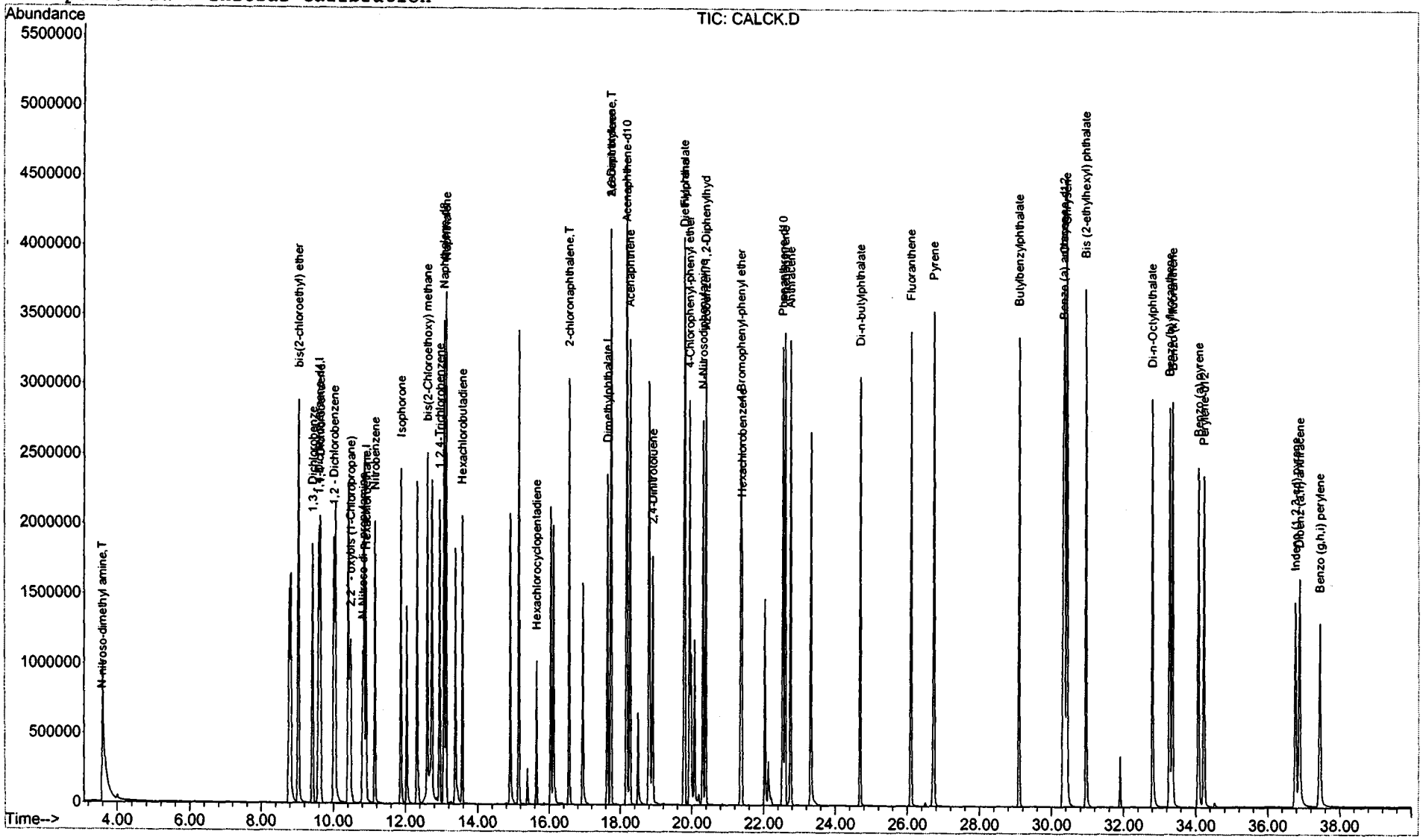
(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\022102\CALCK.D
Acq On : 21 Feb 2002 10:41 pm
Sample : CAL CHECK
Misc :
MS Integration Params: BENZO.P
Quant Time: Feb 22 10:28 2002

Vial: 10
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



DFTPP

Data File : C:\MSDCHEM\1\DATA\022102\DFTPPD.D Vial: 1
Acq On : 21 Feb 2002 3:29 pm Operator: McLean
Sample : DFTPP Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan

Spectrum Information: Scan 1907

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	53.4	294144	PASS
68	69	0.00	2	1.3	3110	PASS
69	198	0.00	100	42.9	236608	PASS
70	69	0.00	2	0.4	835	PASS
127	198	40	60	47.7	263168	PASS
197	198	0.00	2	0.5	2720	PASS
198	198	100	100	100.0	551232	PASS
199	198	5	9	5.9	32504	PASS
275	198	10	30	22.2	122616	PASS
365	198	1	100	2.6	14519	PASS
441	443	0.01	100	80.5	67920	PASS
442	198	40	110	79.9	440512	PASS
443	442	17	23	19.1	84352	PASS

DFTPPD.D 5080202.M Wed Feb 27 06:10:34 2002