User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 10:26:15

Sample: AE10809
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 5/17/02 09:51 Ended: 5/17/02 09:51 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		9.39		2.0
2	bis(2-Chloroethyl)ether		16.44		2.0
3	1,3-Dichlorobenzene		14.73		2.0
4	1,4-Dichlorobenzene		15.17		2.0
5	1,2-Dichlorobenzene		16.73		2.0
6	2,2-oxybis(1-Chloropropane)		17.33		2.0
7	n-Nitrosodi-n-propylamine		16.22		2.0
8	Hexachloroethane		12.31		2.0
9	Nitrobenzene		15.73		2.0
10	Isophorone		18.59		2.0
11	bis(2-Chloroethoxy)methane		16.97		2.0
12	1,2,4-Trichlorobenzene		16.55		2.0
13	Naphthalene		18.45		2.0
14	Hexachlorobutadiene		14.07		2.0
15	2-Chloronaphthalene		19.74		2.0
16	Dimethylphthalate		17.42		2.0
17	2,6-Dinitrotoluene		16.58		2.0
18	Acenaphthylene		16.28		2.0
19	Acenaphthene		18.95		2.0
20	2,4-Dinitrotoluene		14.63		2.0
21	Diethylphthalate		19.64		2.0
22	4-Chlorophenylphenylether		18.30		2.0
23	Fluorene		19.71		2.0
24	Azobenzene		16.59		2.0
25	n-Nitrosodiphenylamine		18.60		2.0
26	4-Bromophenylphenylether		19.58		2.0
27	Hexachlorobenzene		20.45		2.0
28	Phenanthrene		19.12		2.0
29	Anthracene		17.24		2.0
30	Di-n-butylphthalate		17.60		2.0
31	Fluoranthene		18.65		2.0
32	Pyrene		20.02		2.0
33	Butylbenzylphthalate		14.23		2.0
34	Benzo(a)anthracene		17.33		2.0
35	bis(2-Ethylhexyl)phthalate		12.65		2.0
36	Chrysene		19.49		2.0
37	Di-n-octylphthalate		11.28		2.0
38	Benzo(b)fluoranthene		19.35		2.0
39	Benzo(k)fluoranthene		19.38		2.0
40	Benzo(a)pyrene		13.81		2.0
41	Indeno(1,2,3-cd)pyrene		13.57		2.0
42	Dibenz(a,h)anthracene		17.23		2.0
43	Benzo(g,h,i)perylene		18.49		2.0

User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 10:26:11

Sample: AE10809
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 5/17/02 09:51 Ended: 5/17/02 09:51 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		47		2.0
2	bis(2-Chloroethyl)ether		82		2.0
3	1,3-Dichlorobenzene		74		2.0
4	1,4-Dichlorobenzene		76		2.0
5	1,2-Dichlorobenzene		84		2.0
6	2,2-oxybis(1-Chloropropane)		87		2.0
7	n-Nitrosodi-n-propylamine		81		2.0
8	Hexachloroethane		62		2.0
9	Nitrobenzene		79		2.0
10	Isophorone		93		2.0
11	bis(2-Chloroethoxy)methane		85		2.0
12	1,2,4-Trichlorobenzene		83		2.0
13	Naphthalene		92		2.0
14	Hexachlorobutadiene		70		2.0
15	2-Chloronaphthalene		99		2.0
16	Dimethylphthalate		87		2.0
17	2,6-Dinitrotoluene		83		2.0
18	Acenaphthylene		81		2.0
19	Acenaphthene		95		2.0
20	2,4-Dinitrotoluene		73		2.0
21	Diethylphthalate		98		2.0
22	4-Chlorophenylphenylether		92		2.0
23	Fluorene		99		2.0
24	Azobenzene		83		2.0
25	n-Nitrosodiphenylamine		93		2.0
26	4-Bromophenylphenylether		98		2.0
27	Hexachlorobenzene		100		2.0
28	Phenanthrene		96		2.0
29	Anthracene		86		2.0
30	Di-n-butylphthalate		88		2.0
31	Fluoranthene		93		2.0
32	Pyrene		100		2.0
33	Butylbenzylphthalate		71		2.0
34	Benzo(a)anthracene		87		2.0
35	bis(2-Ethylhexyl)phthalate		63		2.0
36	Chrysene		97		2.0
37	Di-n-octylphthalate		56		2.0
38	Benzo(b)fluoranthene		97		2.0
39	Benzo(k)fluoranthene		97		2.0
40	Benzo(a)pyrene		69		2.0
41	Indeno(1,2,3-cd)pyrene		68		2.0
42	Dibenz(a,h)anthracene		86		2.0
43	Benzo(g,h,i)perylene		92		2.0

Data File : C:\MSDCHEM\1\DATA\051402\507REF1.D Vial: 17
Acq On : 15 May 2002 3:22 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:17:54 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	5996073	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	24151823	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	13088789	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	18859330	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	13858348	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	9467488	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	848989	10.68	ug/L	0.00
Spiked Amount 10.000			Recovery = 106.80%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.86	74	1153367	9.39	ug/L #	78
3) bis(2-Chloroethyl)ether	9.35	93	3857704	16.44	ug/L #	86
4) 1,3-Dichlorobenzene	9.77	146	3518094	14.73	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	3726279	15.17	ug/L	99
6) 1,2-Dichlorobenzene	10.35	146	3652053	16.73	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	6264957m	17.33	ug/L	
8) N-nitroso-di-propylamine	11.13	70	2697538	16.22	ug/L	94
9) Hexachloroethane	11.26	117	1114831	12.31	ug/L	92
11) Nitrobenzene	11.49	77	3674018	15.73	ug/L	94
12) Isophorone	12.20	82	7823918	18.59	ug/L	99
13) bis(2-Chloroethoxy) methan	12.94	93	4732716	16.97	ug/L	99
14) 1,2,4-Trichlorobenzene	13.30	180	2929044	16.55	ug/L	99
15) Napthalene	13.49	128	11937398	18.45	ug/L	98
16) Hexachlorobutadiene	13.93	225	1166736	14.07	ug/L	99
18) 2-Chloronaphthalene	16.93	162	6588151	19.74	ug/L	97
19) Dimethylphthalate	18.01	163	7453518	17.42	ug/L	100
20) 2,6-Dinitrotoluene	18.12	165	1114737	16.58	ug/L	91
21) Acenapthylene	18.13	152	10048573	16.28	ug/L	97
22) Acenapthalene	18.66	153	6746413	18.95	ug/L	97
23) 2,4-Dinitrotoluene	19.28	165	1391845	14.63	ug/L	95
24) Diethylphthalate	20.14	149	7306002	19.64	ug/L	98
25) 4-Chlorophenyl-phenylether	20.33	204	3598614	18.30	ug/L	99
26) Fluorene	20.20	166	8024128	19.71	ug/L	98
28) Azobenzene	20.78	77	8145498	16.59	ug/L	92
30) Nnitrosodiphenylamine	20.69	169	4303969	18.60	ug/L	94
31) 4-Bromophenyl-phenylether	21.76	248	1824090	19.58	ug/L	99
32) Hexachlorobenzene	21.79	284	1824025	20.45	ug/L	98
33) Phenanthrene	23.02	178	10879447	19.12	ug/L	97
34) Anthracene	23.17	178	10032646	17.24	ug/L	98
35) Di-n-butylphthalate	25.09	149	10997476	17.60	ug/L	99

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

Data File : C:\MSDCHEM\1\DATA\051402\507REF1.D Vial: 17
Acq On : 15 May 2002 3:22 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:17:54 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

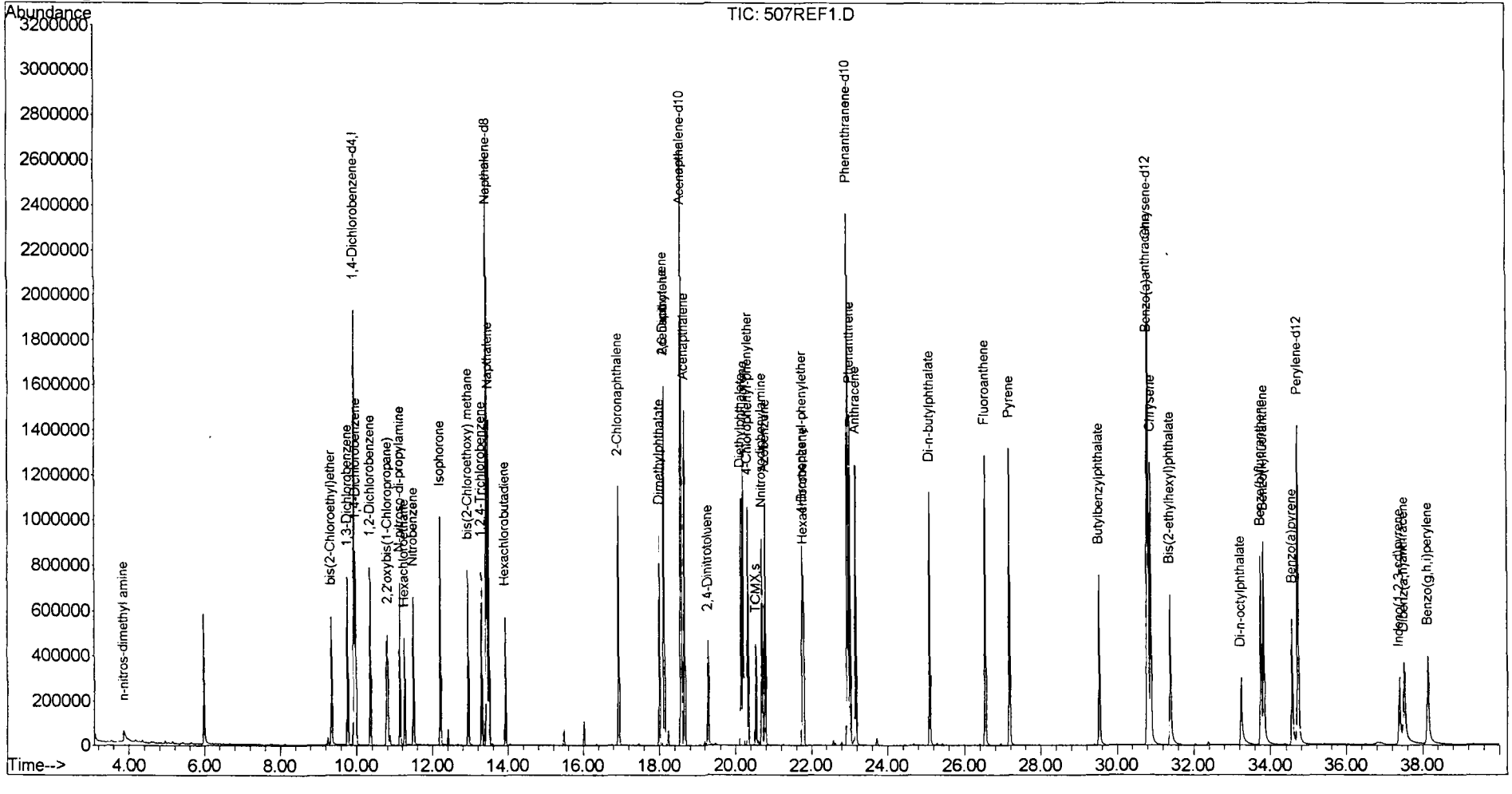
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.54	202	10875544	18.65	ug/L		97
38)	Pyrene	27.17	202	11390100	20.02	ug/L		98
39)	Butylbenzylphthalate	29.52	149	3607343	14.23	ug/L	#	95
40)	Benzo(a)anthracene	30.79	228	7850525	17.33	ug/L		98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	4333823	12.65	ug/L		97
42)	Chrysene	30.88	228	9139997m	19.49	ug/L		
44)	Di-n-octylphthalate	33.24	149	4713582	11.28	ug/L		98
45)	Benzo(b)fluoranthene	33.75	252	6631273	19.35	ug/L		98
46)	Benzo(k)fluoranthene	33.82	252	8347103	19.38	ug/L		99
47)	Benzo(a)pyrene	34.55	252	4723464m	13.81	ug/L		
48)	Indeno(1,2,3-cd)pyrene	37.39	276	3255387	13.57	ug/L		99
49)	Dibenz(a,h)anthracene	37.51	278	4394999	17.23	ug/L		98
50)	Benzo(g,h,i)perylene	38.13	276	4951300m	18.49	ug/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\507REF1.D Vial: 17
Acq On : 15 May 2002 3:22 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:18 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\051402\507REF2.D Vial: 18
Acq On : 15 May 2002 4:12 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:18:54 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	7186232	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	29025278	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	15743908	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	22958099	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	16365866	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	11333269	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	992850	10.39	ug/L	0.00
Spiked Amount 10.000			Recovery =	103.90%		
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.85	74	1340575	9.10	ug/L #	87
3) bis(2-Chloroethyl)ether	9.35	93	4387132	15.60	ug/L	89
4) 1,3-Dichlorobenzene	9.76	146	4028658	14.07	ug/L	98
5) 1,4-Dichlorobenzene	9.98	146	4250470	14.44	ug/L	99
6) 1,2-Dichlorobenzene	10.35	146	4136925	15.81	ug/l	100
7) 2,2'oxybis(1-Chloropropane	10.81	45	7050963m	16.27	ug/L	
8) N-nitroso-di-propylamine	11.13	70	3213238	16.12	ug/L	95
9) Hexachloroethane	11.26	117	1284448	11.83	ug/L	92
11) Nitrobenzene	11.49	77	4314626	15.37	ug/L	96
12) Isophorone	12.20	82	9290316	18.37	ug/L	98
13) bis(2-Chloroethoxy) methan	12.94	93	5467964	16.32	ug/L	100
14) 1,2,4-Trichlorobenzene	13.30	180	3284298	15.44	ug/L	98
15) Napthalene	13.49	128	13442068	17.29	ug/L	98
16) Hexachlorobutadiene	13.93	225	1327905	13.33	ug/L	99
18) 2-Chloronaphthalene	16.93	162	7509555	18.70	ug/L	98
19) Dimethylphthalate	18.01	163	8902001	17.30	ug/L	100
20) 2,6-Dinitrotoluene	18.12	165	1396222	17.26	ug/L	92
21) Acenapthylene	18.13	152	11430360	15.39	ug/L	98
22) Acenapthalene	18.66	153	7746600	18.09	ug/L	98
23) 2,4-Dinitrotoluene	19.28	165	1824328	15.94	ug/L	92
24) Diethylphthalate	20.15	149	8760422	19.58	ug/L	97
25) 4-Chlorophenyl-phenylether	20.33	204	4166488	17.62	ug/L	100
26) Fluorene	20.20	166	9249475	18.89	ug/L	98
28) Azobenzene	20.78	77	9508104	16.10	ug/L	93
30) Nnitrosodiphenylamine	20.69	169	5078629	18.03	ug/L	95
31) 4-Bromophenyl-phenylether	21.76	248	2105660	18.57	ug/L	99
32) Hexachlorobenzene	21.79	284	2065020	19.02	ug/L	98
33) Phenanthrene	23.02	178	12570245	18.15	ug/L	97
34) Anthracene	23.17	178	11668192	16.47	ug/L	98
35) Di-n-butylphthalate	25.09	149	13582873	17.86	ug/L	100

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

Data File : C:\MSDCHEM\1\DATA\051402\507REF2.D Vial: 18
Acq On : 15 May 2002 4:12 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:18:54 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

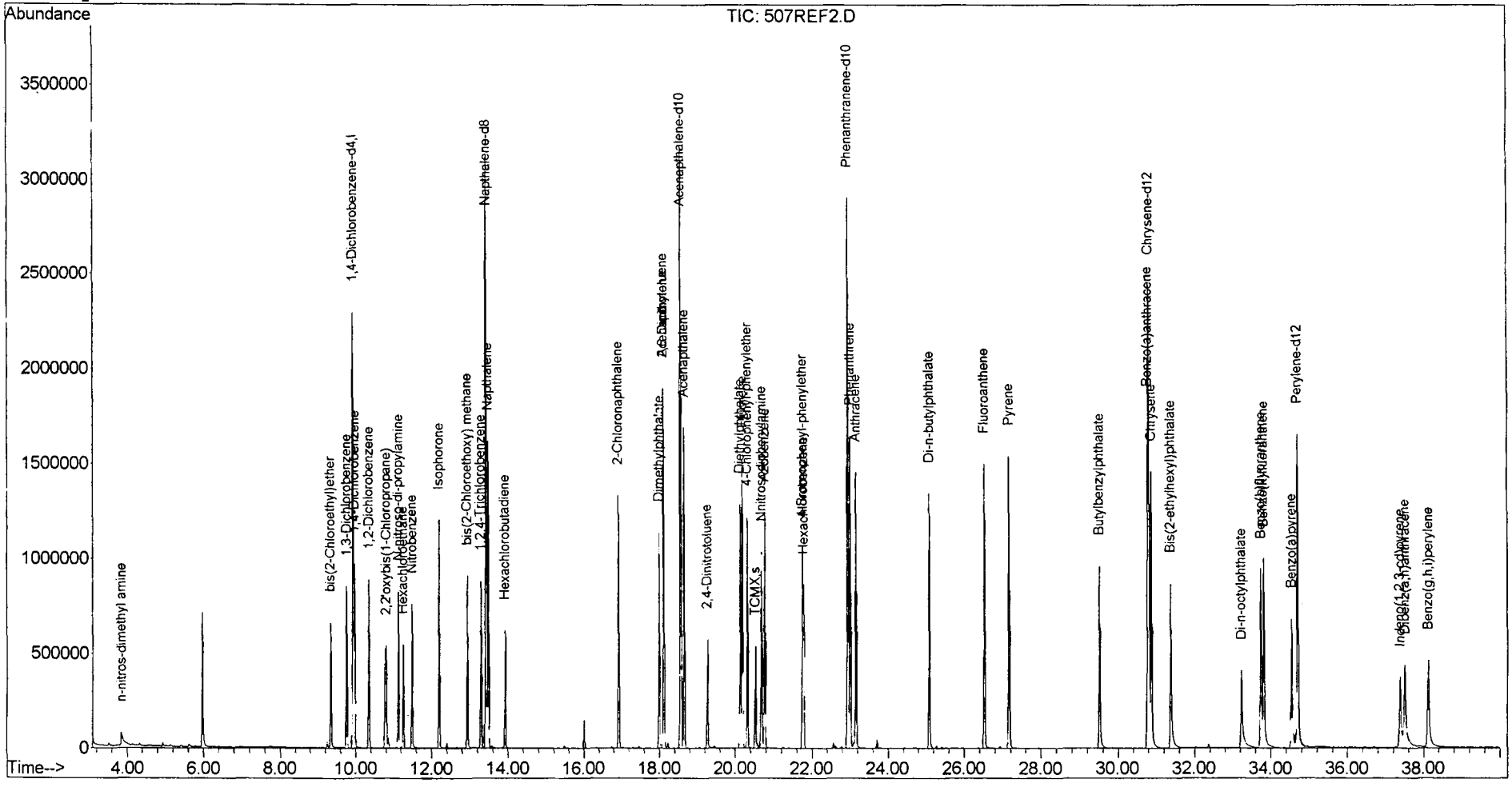
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.54	202	12557627	17.69	ug/L		99
38)	Pyrene	27.17	202	13092484	19.49	ug/L		97
39)	Butylbenzylphthalate	29.52	149	4520792	15.10	ug/L	#	94
40)	Benzo(a)anthracene	30.79	228	9004495	16.83	ug/L		98
41)	Bis(2-ethylhexyl)phthalate	31.38	149	5488637	13.56	ug/L		96
42)	Chrysene	30.88	228	10399309m	18.77	ug/L		
44)	Di-n-octylphthalate	33.24	149	6304521	12.60	ug/L		98
45)	Benzo(b)fluoranthene	33.75	252	7754445	18.90	ug/L		96
46)	Benzo(k)fluoranthene	33.83	252	9568893	18.56	ug/L		99
47)	Benzo(a)pyrene	34.55	252	5701665m	13.92	ug/L		
48)	Indeno(1,2,3-cd)pyrene	37.39	276	3965056	13.81	ug/L		99
49)	Dibenz(a,h)anthracene	37.51	278	5340600m	17.49	ug/L		
50)	Benzo(g,h,i)perylene	38.13	276	5668871	17.68	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\507REF2.D Vial: 18
Acq On : 15 May 2002 4:12 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:19 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration



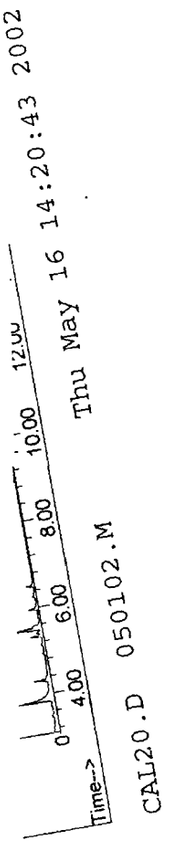
...ification Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\CAL20.D Vial: 15
Acq On : 15 May 2002 1:44 am Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:20:06 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.93	152	6454216	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	26307538	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	14704551	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	22143802	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	17250856	40.00	ug/L	0.01
43) Perylene-d12	34.71	264	13486435	40.00	ug/L	0.00
System Monitoring Compounds						
7) TCMX	20.54	209	1102170	12.35	ug/L	0.00
Spiked Amount 10.000			Recovery =	123.50%		
Target Compounds						Qvalue
1 n-nitros-dimethyl amine	3.84	74	2551065	19.29	ug/L	87
bis(2-Chloroethyl)ether	9.35	93	5298931	20.98	ug/L	88
1,3-Dichlorobenzene	9.76	146	5140353	19.99	ug/L	99
1,4-Dichlorobenzene	9.98	146	5620365	21.26	ug/L	100
1,2-Dichlorobenzene	10.35	146	5015814	21.34	ug/l	99
2,2'oxybis(1-Chloropropane	10.81	45	8283524m	21.28	ug/L	
N-nitroso-di-propylamine	11.14	70	3760811	21.01	ug/L	96
Hexachloroethane	11.26	117	2106818	21.61	ug/L	92
Nitrobenzene	11.49	77	5267578	20.70	ug/L	96
Isophorone	12.21	82	9897911	21.59	ug/L	99
bis(2-Chloroethoxy) methan	12.95	93	6479458	21.33	ug/L	98
,2,4-Trichlorobenzene	13.30	180	4194279	21.76	ug/L	98
apthalene	13.49	128	15155537	21.50	ug/L	98
exachlorobutadiene	13.93	225	2001103	22.16	ug/L	99
-Chloronaphthalene	16.93	162	7991533	21.31	ug/L	98
methylphthalate	18.01	163	9915873	20.63	ug/L	99
6-Dinitrotoluene	18.12	165	1682513	22.27	ug/L	92
enapthylene	18.13	152	13978256	20.16	ug/L	98
enapthalene	18.66	153	8615844	21.55	ug/L	98
-Dinitrotoluene	19.28	165	2022313	18.91	ug/L	95
thylphthalate	20.15	149	9058351	21.68	ug/L	98
hlorophenyl-phenylether	20.33	204	4783874	21.66	ug/L	99
orene	20.20	166	10035764	21.94	ug/L	98
enzene	20.78	77	11550091	20.94	ug/L	94
rosodiphenylamine	20.70	169	4908215	18.06	ug/L	93
omophenyl-phenylether	21.76	248	2471890	22.60	ug/L	98
chlorobenzene	21.79	284	2313827	22.10	ug/L	99
anthrene	23.02	178	14403576	21.56	ug/L	97
acene	23.17	178	14514180	21.24	ug/L	98
butylphthalate	25.09	149	16100679	21.95	ug/L	99

ifier out of range (m) = manual integration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\CAL20.D Vial: 15
Acq On : 15 May 2002 1:44 am Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:20:06 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

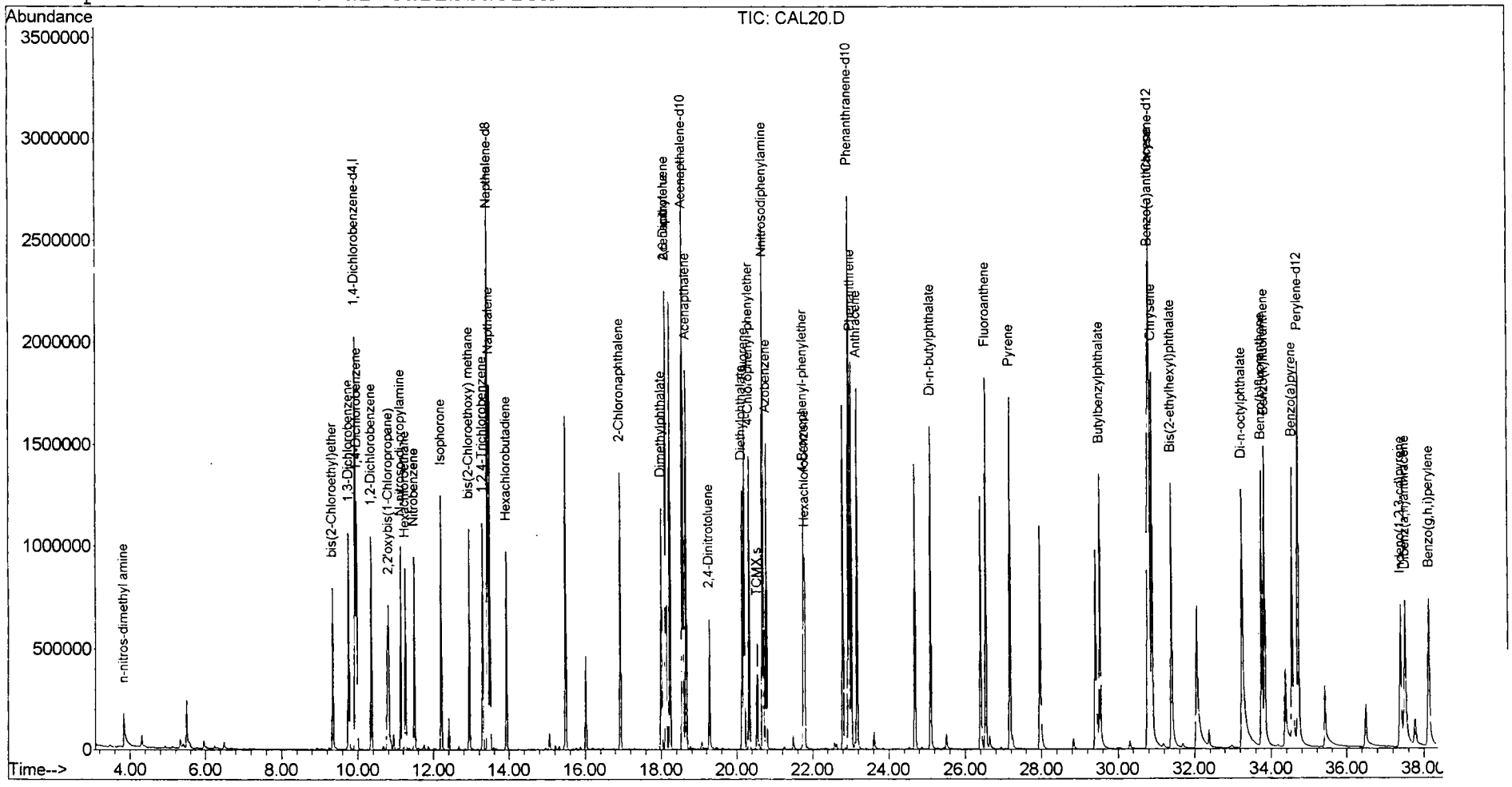
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.54	202	15666526	22.88	ug/L		99
38)	Pyrene	27.18	202	14943839	21.10	ug/L		99
39)	Butylbenzylphthalate	29.52	149	6612336	20.95	ug/L	#	96
40)	Benzo(a)anthracene	30.79	228	10932362	19.39	ug/L		97
41)	Bis(2-ethylhexyl)phthalate	31.39	149	8648925	20.28	ug/L		97
42)	Chrysene	30.89	228	11918624	20.41	ug/L		98
44)	Di-n-octylphthalate	33.24	149	11891141	19.97	ug/L		98
45)	Benzo(b)fluoranthene	33.75	252	11284964	23.11	ug/L		97
46)	Benzo(k)fluoranthene	33.83	252	13393165	21.83	ug/L		99
47)	Benzo(a)pyrene	34.56	252	10534759	21.62	ug/L		99
48)	Indeno(1,2,3-cd)pyrene	37.39	276	7495984	21.94	ug/L		98
49)	Dibenz(a,h)anthracene	37.51	278	7946701	21.87	ug/L		100
50)	Benzo(g,h,i)perylene	38.14	276	9005747	23.61	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\CAL20.D Vial: 15
Acq On : 15 May 2002 1:44 am Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:20 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\051402\DFTPPB.D Vial: 1
Acq On : 15 May 2002 12:55 am Operator: Mclean
Sample : Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Spectrum Information: Scan 3602

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.8	143296	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	39.1	122344	PASS
70	69	0.00	2	0.5	609	PASS
127	198	40	60	50.7	158528	PASS
197	198	0.00	1	0.9	2676	PASS
198	198	100	100	100.0	312768	PASS
199	198	5	9	7.0	21776	PASS
275	198	10	30	19.5	60912	PASS
365	198	1	99	2.4	7650	PASS
441	443	1	100	72.4	30624	PASS
442	198	40	110	65.9	206080	PASS
443	442	17	23	20.5	42288	PASS

DFTPPB.D 050102.M Thu May 16 14:21:00 2002

Data File : C:\MSDCHEM\1\DATA\051402\CAL50B.D Vial: 2
Acq On : 15 May 2002 10:44 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:22:11 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	5428201	40.00	ug/L	0.00
10) Napthalene-d8	13.44	136	21846016	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	11685876	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	17124993	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	12428797	40.00	ug/L	0.01
43) Perylene-d12	34.71	264	8981813	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	865272	12.20	ug/L	0.00
Spiked Amount 10.000			Recovery = 122.00%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.84	74	5772754	51.90	ug/L	87
3) bis(2-Chloroethyl)ether	9.35	93	10616179	49.98	ug/L	89
4) 1,3-Dichlorobenzene	9.77	146	10248442	47.40	ug/L	99
5) 1,4-Dichlorobenzene	9.98	146	11085319	49.86	ug/L	99
6) 1,2-Dichlorobenzene	10.36	146	9891278	50.05	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.81	45	16763042m	51.21	ug/L	
8) N-nitroso-di-propylamine	11.15	70	7511466	49.89	ug/L	98
9) Hexachloroethane	11.26	117	4248588	51.82	ug/L	92
11) Nitrobenzene	11.50	77	10863077	51.40	ug/L	95
12) Isophorone	12.21	82	19413950	50.99	ug/L	98
13) bis(2-Chloroethoxy) methan	12.95	93	12813770	50.80	ug/L	98
14) 1,2,4-Trichlorobenzene	13.31	180	8112624	50.68	ug/L	99
15) Napthalene	13.50	128	28910836	49.40	ug/L	98
16) Hexachlorobutadiene	13.93	225	3860362	51.48	ug/L	98
18) 2-Chloronaphthalene	16.94	162	15028868	50.43	ug/L	98
19) Dimethylphthalate	18.02	163	19224750	50.33	ug/L	99
20) 2,6-Dinitrotoluene	18.14	165	3361377	55.98	ug/L	91
21) Acenapthylene	18.14	152	25466351	46.21	ug/L	98
22) Acenapthalene	18.67	153	15858803	49.90	ug/L	97
23) 2,4-Dinitrotoluene	19.29	165	4488893	52.83	ug/L	92
24) Diethylphthalate	20.16	149	16982884	51.14	ug/L	98
25) 4-Chlorophenyl-phenylether	20.34	204	8941323	50.93	ug/L	98
26) Fluorene	20.21	166	18488460	50.87	ug/L	97
28) Azobenzene	20.79	77	21734075	49.58	ug/L #	93
30) Nnitrosodiphenylamine	20.70	169	10471295	49.83	ug/L	94
31) 4-Bromophenyl-phenylether	21.77	248	4457395	52.70	ug/L	97
32) Hexachlorobenzene	21.80	284	4214357	52.05	ug/L	99
33) Phenanthrene	23.03	178	25592743	49.54	ug/L	98
34) Anthracene	23.18	178	26271922	49.72	ug/L	98
35) Di-n-butylphthalate	25.10	149	28963210	51.05	ug/L	100

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

Data File : C:\MSDCHEM\1\DATA\051402\CAL50B.D Vial: 2
Acq On : 15 May 2002 10:44 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:22:11 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

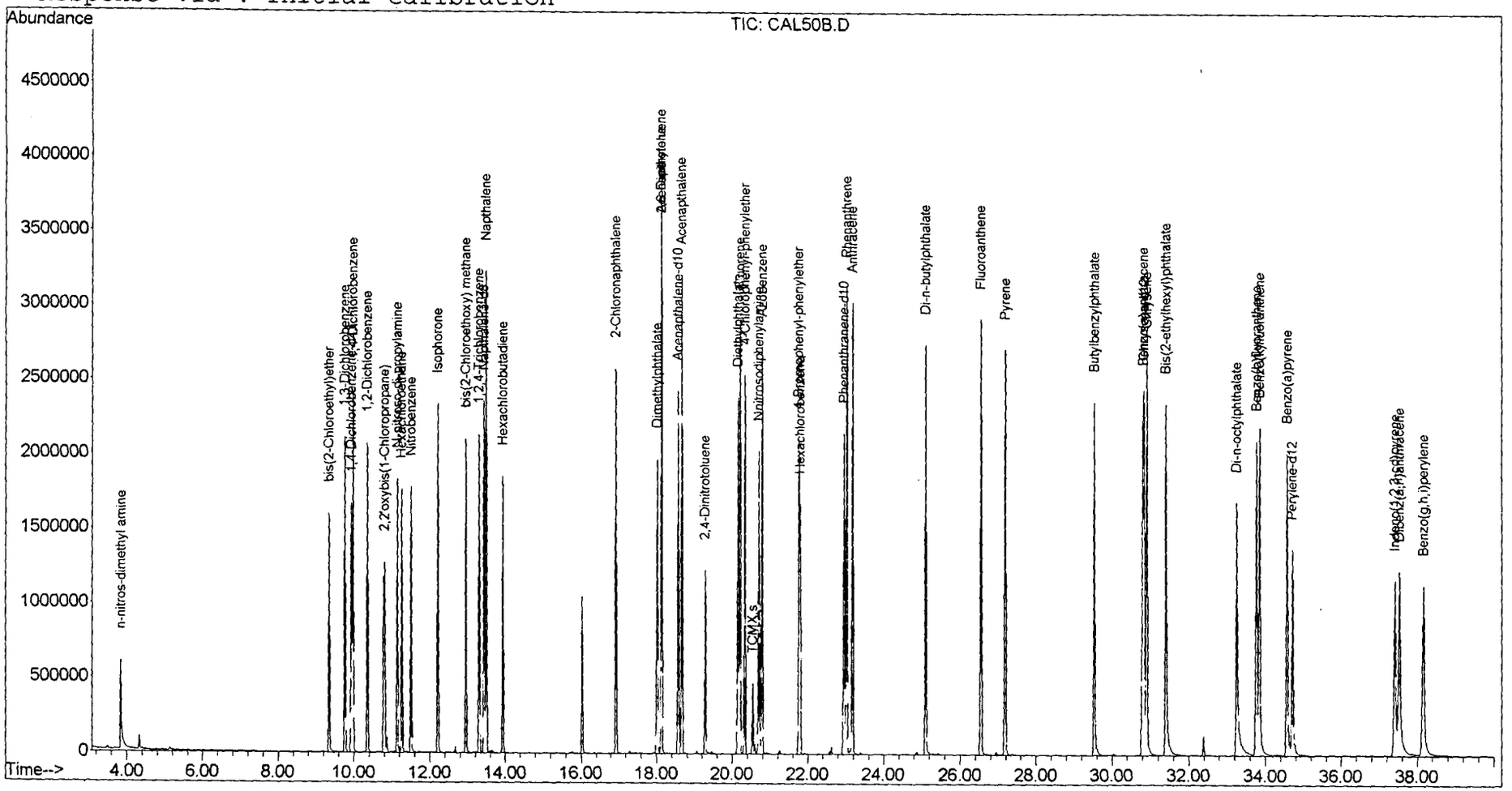
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.55	202	26624585	50.27	ug/L		99
38)	Pyrene	27.19	202	25662421	50.30	ug/L		99
39)	Butylbenzylphthalate	29.53	149	11492839	50.55	ug/L	#	96
40)	Benzo(a)anthracene	30.79	228	21076067	51.88	ug/L		98
41)	Bis(2-ethylhexyl)phthalate	31.39	149	15519540	50.50	ug/L		95
42)	Chrysene	30.89	228	21612435m	51.38	ug/L		
44)	Di-n-octylphthalate	33.24	149	20004719m	50.46	ug/L		
45)	Benzo(b)fluoranthene	33.76	252	18606379	57.22	ug/L		97
46)	Benzo(k)fluoranthene	33.84	252	21300365	52.13	ug/L		98
47)	Benzo(a)pyrene	34.57	252	16688098	51.42	ug/L		98
48)	Indeno(1,2,3-cd)pyrene	37.41	276	12244407m	53.81	ug/L		
49)	Dibenz(a,h)anthracene	37.53	278	12780660m	52.81	ug/L		
50)	Benzo(g,h,i)perylene	38.16	276	12799143m	50.38	ug/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\CAL50B.D Vial: 2
Acq On : 15 May 2002 10:44 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:23 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 12:34:41 2002
Response via : Initial Calibration



40

1	20.547	BV	0.032	2910897	20.470	20.635