Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\REF1.D Vial: 5
Acq On : 11 Jun 2002 1:08 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:49:42 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-dichlorobenzene-d4	9.90	152	5853711	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	23740872	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	13007019	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	19493116	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	12339519	40.00	ug/L	0.00
43) Perylene-d12	34.66	264	6608677	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2561618	32.75	ug/L	0.00
Spiked Amount 40.000			Recovery = 81.88%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.84	74	852184m	7.74	ug/L	
3) bis(2-Chloroethyl)ether	9.31	93	3036489	14.14	ug/L	99
4) 1,3-Dichlorobenzene	9.72	146	2613442	12.27	ug/L	96
5) 1,4-Dichlorobenzene	9.94	146	2751177	11.90	ug/L	99
6) 1,2-Dichlorobenzene	10.32	146	2713292	13.28	ug/l	99
7) 2,2'oxybis(1-Chloropropane	10.74	45	4922628m	14.46	ug/L	
8) N-nitroso-di-propylamine	11.10	70	2207440	14.64	ug/L	95
9) Hexachloroethane	11.22	117	782319	8.91	ug/L	96
11) Nitrobenzene	11.45	77	2948369	13.22	ug/L	99
12) Isophorone	12.17	82	6489361	16.15	ug/L	99
13) bis(2-Chloroethoxy) methan	12.90	93	3836843	14.39	ug/L	99
14) 1,2,4-Trichlorobenzene	13.26	180	2261505	13.02	ug/L	99
15) Napthalene	13.45	128	9404907	15.49	ug/L	99
16) Hexachlorobutadiene	13.89	225	779265	9.51	ug/L	97
18) 2-Chloronaphthalene	16.89	162	5420126	16.63	ug/L	99
19) Dimethylphthalate	17.97	163	6397239	15.50	ug/L	99
20) 2,6-Dinitrotoluene	18.08	165	1037263	15.94	ug/L	93
21) Acenapthylene	18.08	152	8363747	15.05	ug/L	99
22) Acenapthalene	18.62	153	5637075	16.24	ug/L	99
23) 2,4-Dinitrotoluene	19.23	165	1416397	17.41	ug/L	95
24) Diethylphthalate	20.10	149	6388805	17.74	ug/L	98
25) 4-Chlorophenyl-phenylether	20.29	204	3060517	15.42	ug/L	100
26) Fluorene	20.16	166	6766128	16.68	ug/L	100
28) Azobenzene	20.74	77	7006823	14.86	ug/L	99
30) Nnitrosodiphenylamine	20.65	169	3978417	17.79	ug/L	100
31) 4-Bromophenyl-phenylether	21.72	248	1544715	16.06	ug/L	98
32) Hexachlorobenzene	21.75	284	1530100	16.62	ug/L	97
33) Phenanthrene	22.97	178	9460604	16.90	ug/L	100
34) Anthracene	23.12	178	9118058	15.89	ug/L	99
35) Di-n-butylphthalate	25.05	149	9497894	13.77	ug/L	100

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\REF1.D Vial: 5
Acq On : 11 Jun 2002 1:08 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:49:42 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

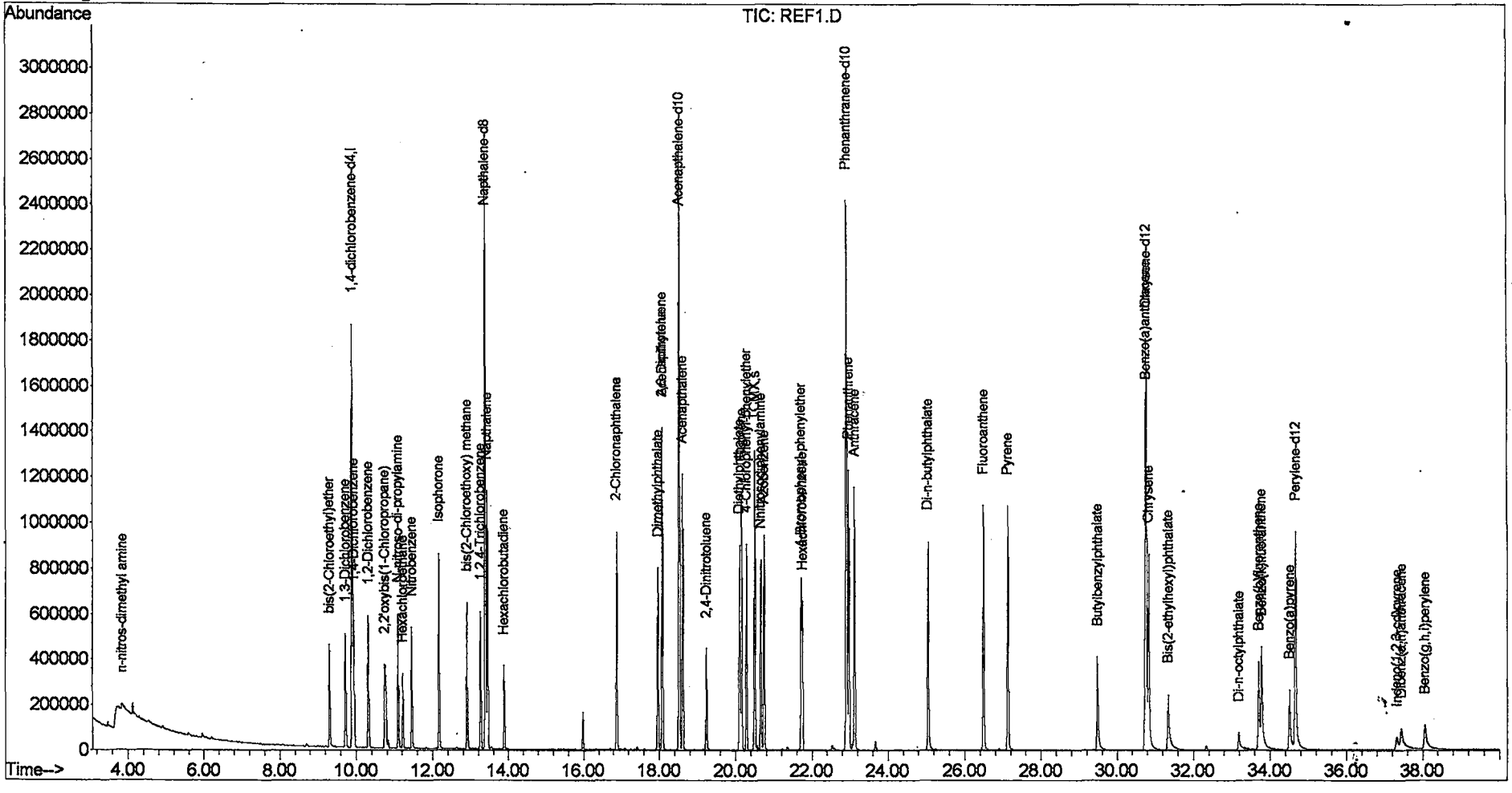
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Fluoroanthene	26.49	202	8827607	16.14	ug/L		97
38)	Pyrene	27.13	202	9188683	16.76	ug/L		98
39)	Butylbenzylphthalate	29.48	149	2300591	16.94	ug/L		96
40)	Benzo(a)anthracene	30.74	228	5474197	14.16	ug/L		99
41)	Bis(2-ethylhexyl)phthalate	31.34	149	2469973	17.21	ug/L		99
42)	Chrysene	30.83	228	6548686m	15.95	ug/L		
44)	Di-n-octylphthalate	33.18	149	1669259m	17.45	ug/L		
45)	Benzo(b)fluoranthene	33.70	252	3214298	12.40	ug/L		99
46)	Benzo(k)fluoranthene	33.77	252	5299211	17.03	ug/L		99
47)	Benzo(a)pyrene	34.50	252	2871591m	11.61	ug/L		
48)	Indeno(1,2,3-cd)pyrene	37.32	276	861091	5.15	ug/L	#	90
49)	Dibenz(a,h)anthracene	37.44	278	1398628	7.62	ug/L		95
50)	Benzo(g,h,i)perylene	38.06	276	1946183	9.93	ug/L		94

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\REF1.D Vial: 5
Acq On : 11 Jun 2002 1:08 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:51 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\REF2.D Vial: 6
Acq On : 11 Jun 2002 1:57 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:46:46 2002 Quant Results File: Q60302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-dichlorobenzene-d4	9.90	152	5585302	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	22388809	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	12224412	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	18720797	40.00	ug/L	0.00
37) Chrysene-d12	30.77	240	13238051	40.00	ug/L	0.00
43) Perylene-d12	34.66	264	7016559	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2395926	32.60	ug/L	0.00
Spiked Amount 40.000			Recovery = 81.50%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	3.85	74	729282m	6.95	ug/L	
3) bis(2-Chloroethyl)ether	9.31	93	2791279	13.63	ug/L	98
4) 1,3-Dichlorobenzene	9.72	146	2369367	11.66	ug/L	99
5) 1,4-Dichlorobenzene	9.94	146	2534512	11.49	ug/L	99
6) 1,2-Dichlorobenzene	10.31	146	2480812	12.73	ug/l	98
7) 2,2'oxybis(1-Chloropropane	10.74	45	4460378m	13.73	ug/L	
8) N-nitroso-di-propylamine	11.09	70	2031170	14.11	ug/L	98
9) Hexachloroethane	11.22	117	707748	8.45	ug/L	98
11) Nitrobenzene	11.45	77	2683225	12.76	ug/L	98
12) Isophorone	12.16	82	5977374	15.78	ug/L	100
13) bis(2-Chloroethoxy) methan	12.90	93	3507628	13.94	ug/L	99
14) 1,2,4-Trichlorobenzene	13.26	180	2060629	12.58	ug/L	99
15) Napthalene	13.45	128	8648352	15.11	ug/L	99
16) Hexachlorobutadiene	13.89	225	718316	9.30	ug/L	97
18) 2-Chloronaphthalene	16.89	162	4955298	16.18	ug/L	98
19) Dimethylphthalate	17.96	163	5887565	15.18	ug/L	100
20) 2,6-Dinitrotoluene	18.08	165	957186	15.70	ug/L	97
21) Acenapthylene	18.08	152	7717461	14.77	ug/L	97
22) Acenapthalene	18.62	153	5128007	15.72	ug/L	98
23) 2,4-Dinitrotoluene	19.23	165	1279097	16.94	ug/L	95
24) Diethylphthalate	20.10	149	5871719	17.35	ug/L	97
25) 4-Chlorophenyl-phenylether	20.29	204	2800451	15.01	ug/L	98
26) Fluorene	20.16	166	6182275	16.22	ug/L	99
28) Azobenzene	20.74	77	6431791	14.51	ug/L	99
30) Nnitrosodiphenylamine	20.65	169	3588370	16.71	ug/L	99
31) 4-Bromophenyl-phenylether	21.72	248	1430355	15.48	ug/L	96
32) Hexachlorobenzene	21.75	284	1412113	15.97	ug/L	97
33) Phenanthrene	22.97	178	8749553	16.27	ug/L	99
34) Anthracene	23.12	178	8556823	15.52	ug/L	99
35) Di-n-butylphthalate	25.05	149	9073856	13.68	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\REF2.D Vial: 6
Acq On : 11 Jun 2002 1:57 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:46:46 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) Fluoroanthene	26.49	202	8603511	16.38	ug/L	99
38) Pyrene	27.12	202	8993749	15.29	ug/L	99
39) Butylbenzylphthalate	29.48	149	2529307	17.17	ug/L	96
40) Benzo(a)anthracene	30.74	228	5876998	14.17	ug/L	99
41) Bis(2-ethylhexyl)phthalate	31.34	149	2690314	17.33	ug/L	99
42) Chrysene	30.83	228	6997448m	15.88	ug/L	
44) Di-n-octylphthalate	33.18	149	1961010m	17.89	ug/L	
45) Benzo(b)fluoranthene	33.70	252	3580215	13.01	ug/L	99
46) Benzo(k)fluoranthene	33.77	252	5518718	16.70	ug/L	98
47) Benzo(a)pyrene	34.50	252	3063812m	11.66	ug/L	
48) Indeno(1,2,3-cd)pyrene	37.32	276	823091	4.64	ug/L	98
49) Dibenz(a,h)anthracene	37.43	278	1527958m	7.84	ug/L	
50) Benzo(g,h,i)perylene	38.06	276	1874911	9.01	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\REF2.D Vial: 6
Acq On : 11 Jun 2002 1:57 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:48 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration