User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 15:50:38

Sample: AE05238
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/20/02 13:49 Ended: 3/20/02 13:49 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		5.42		2.0
2	bis(2-Chloroethyl)ether		9.83		2.0
3	1,3-Dichlorobenzene		7.40		2.0
4	1,4-Dichlorobenzene		7.78		2.0
5	1,2-Dichlorobenzene		8.70		2.0
6	2,2-oxybis(1-Chloropropane)		10.05		2.0
7	n-Nitrosodi-n-propylamine		11.08		2.0
8	Hexachloroethane		6.34		2.0
9	Nitrobenzene		7.63		2.0
10	Isophorone		9.00		2.0
11	bis(2-Chloroethoxy)methane		8.31		2.0
12	1,2,4-Trichlorobenzene		7.95		2.0
13	Naphthalene		9.19		2.0
14	Hexachlorobutadiene		4.55		2.0
15	2-Chloronaphthalene		8.52		2.0
16	Dimethylphthalate		9.77		2.0
17	2,6-Dinitrotoluene		8.59		2.0
18	Acenaphthylene		10.02		2.0
19	Acenaphthene		9.84		2.0
20	2,4-Dinitrotoluene		8.27		2.0
21	Diethylphthalate		11.21		2.0
22	4-Chlorophenylphenylether		10.14		2.0
23	Fluorene		10.76		2.0
24	Azobenzene/1,2-Diphenylhydraz		9.09		2.0
25	n-Nitrosodiphenylamine		8.94		2.0
26	4-Bromophenylphenylether		10.80		2.0
27	Hexachlorobenzene		10.41		2.0
28	Phenanthrene		10.65		2.0
29	Anthracene		10.20		2.0
30	Di-n-butylphthalate		11.04		2.0
31	Fluoranthene		10.75		2.0
32	Pyrene		9.24		2.0
33	Butylbenzylphthalate		9.10		2.0
34	Benzo(a)anthracene		9.61		2.0
35	bis(2-Ethylhexyl)phthalate		9.32		2.0
36	Chrysene		10.66		2.0
37	Di-n-octylphthalate		8.73		2.0
38	Benzo(b)fluoranthene		10.37		2.0
39	Benzo(k)fluoranthene		11.29		2.0
40	Benzo(a)pyrene		8.55		2.0
41	Indeno(1,2,3-cd)pyrene		7.14		2.0
42	Dibenz(a,h)anthracene		8.92		2.0
43	Benzo(g,h,i)perylene		8.70		2.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 15:50:43

Sample: AE05238
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/20/02 13:49 Ended: 3/20/02 13:49 Analyst: MF
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		54		2.0
2	bis(2-Chloroethyl)ether	USPEC	98		2.0
3	1,3-Dichlorobenzene	USPEC	74		2.0
4	1,4-Dichlorobenzene	USPEC	78		2.0
5	1,2-Dichlorobenzene	USPEC	87		2.0
6	2,2-oxybis(1-Chloropropane)	USPEC	100		2.0
7	n-Nitrosodi-n-propylamine	USPEC	110		2.0
8	Hexachloroethane	USPEC	63		2.0
9	Nitrobenzene		76		2.0
10	Isophorone		90		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		46		2.0
15	2-Chloronaphthalene	USPEC	85		2.0
16	Dimethylphthalate	USPEC	98		2.0
17	2,6-Dinitrotoluene	USPEC	86		2.0
18	Acenaphthylene	USPEC	100		2.0
19	Acenaphthene	USPEC	98		2.0
20	2,4-Dinitrotoluene	USPEC	83		2.0
21	Diethylphthalate	USPEC	110		2.0
22	4-Chlorophenylphenylether	USPEC	100		2.0
23	Fluorene	USPEC	110		2.0
24	Azobenzene/1,2-Diphenylhydraz		91		2.0
25	n-Nitrosodiphenylamine	USPEC	89		2.0
26	4-Bromophenylphenylether	USPEC	110		2.0
27	Hexachlorobenzene	USPEC	100		2.0
28	Phenanthrene	USPEC	110		2.0
29	Anthracene	USPEC	100		2.0
30	Di-n-butylphthalate	USPEC	110		2.0
31	Fluoranthene	USPEC	110		2.0
32	Pyrene		92		2.0
33	Butylbenzylphthalate	USPEC	91		2.0
34	Benzo(a)anthracene	USPEC	96		2.0
35	bis(2-Ethylhexyl)phthalate	USPEC	93		2.0
36	Chrysene	USPEC	110		2.0
37	Di-n-octylphthalate	USPEC	87		2.0
38	Benzo(b)fluoranthene	USPEC	100		2.0
39	Benzo(k)fluoranthene	USPEC	110		2.0
40	Benzo(a)pyrene	USPEC	86		2.0
41	Indeno(1,2,3-cd)pyrene		71		2.0
42	Dibenz(a,h)anthracene		89		2.0
43	Benzo(g,h,i)perylene		87		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\0309REF1.D Vial: 12
Acq On : 16 Mar 2002 7:53 pm Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 08:21:49 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	1471033	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3816893	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2116270	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3286441	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3074390	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	1806425	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	277634	7.08	ug/L	0.00
Spiked Amount 5.000			Recovery = 141.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	179034	5.42	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	512077	9.83	ug/L	83
4) 1,3 - Dichlorobenze	9.38	146	380970	7.40	ug/L	98
5) 1,4 - Dichlorobenzene	9.59	146	399749	7.78	ug/L	100
6) 1,2 - Dichlorobenzene	9.96	146	413419	8.70	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1192084	10.05	ug/L	98
8) N-Nitroso-di-n-propylamine	10.75	70	414877	11.08	ug/L	99
9) Hexachloroethane	10.86	117	122394	6.34	ug/L	95
11) Nitrobenzene	11.10	77	524683	7.63	ug/L	96
12) Isophorone	11.81	82	1138240	9.00	ug/L	99
13) bis(2-Chloroethoxy) methan	12.55	93	632508	8.31	ug/L	97
14) 1,2,4-Trichlorobenzene	12.90	180	347391	7.95	ug/L	99
15) Naphthalene	13.08	128	1458331	9.19	ug/L	99
16) Hexachlorobutadiene	13.53	225	111252	4.55	ug/L	97
18) Hexachlorocyclopentadiene	15.61	237	35786	1.92	ug/L	95
19) 2-chloronaphthalene	16.51	162	822744	8.52	ug/L	99
20) Dimethylphthalate	17.59	163	1126269	9.77	ug/L	98
21) 2,6-Dinitrotoluene	17.70	165	210747	8.59	ug/L	99
22) Acenaphthylene	17.70	152	1343560	10.02	ug/L	98
23) Acenaphthene	18.22	153	896855	9.84	ug/L	99
24) 2,4-Dinitrotoluene	18.85	165	290567	8.27	ug/L	95
25) Diethylphthalate	19.72	149	1112206	11.21	ug/L	100
26) 4-Chlorophenyl-phenyl ethe	19.89	204	536339	10.14	ug/L	98
27) Fluorene	19.76	166	1155383	10.76	ug/L	96
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1329756	9.09	ug/L	95
30) N-Nitrosodiphenylamine	20.26	169	631767	8.94	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	313257	10.80	ug/L	95
32) Hexachlorobenzene	21.34	284	318476	10.41	ug/L	97
33) Phenanthrene	22.56	178	1621357	10.65	ug/L	99
34) Anthracene	22.70	178	1540796	10.20	ug/L	98
35) Di-n-butylphthalate	24.65	149	1925654	11.04	ug/L	99
36) Fluoranthene	26.06	202	1859913	10.75	ug/L	99
39) Pyrene	26.69	202	1964930	9.24	ug/L	98
40) Butylbenzylphthalate	29.05	149	828358	9.10	ug/L	99
41) Benzo (a) antracene	30.29	228	1550878	9.61	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1120697	9.32	ug/L	98
43) Chrysene	30.38	228	1634527	10.66	ug/L	99
45) Di-n-Octylphthalate	32.75	149	1694575	8.73	ug/L	99
46) Benzo (b) fluoranthene	33.23	252	1319524	10.37	ug/L	98

(#) = qualifier out of range (m) = manual integration
0309REF1.D 5080302.M Wed Mar 20 08:40:02 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\0309REF1.D Vial: 12
Acq On : 16 Mar 2002 7:53 pm Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 08:21:49 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

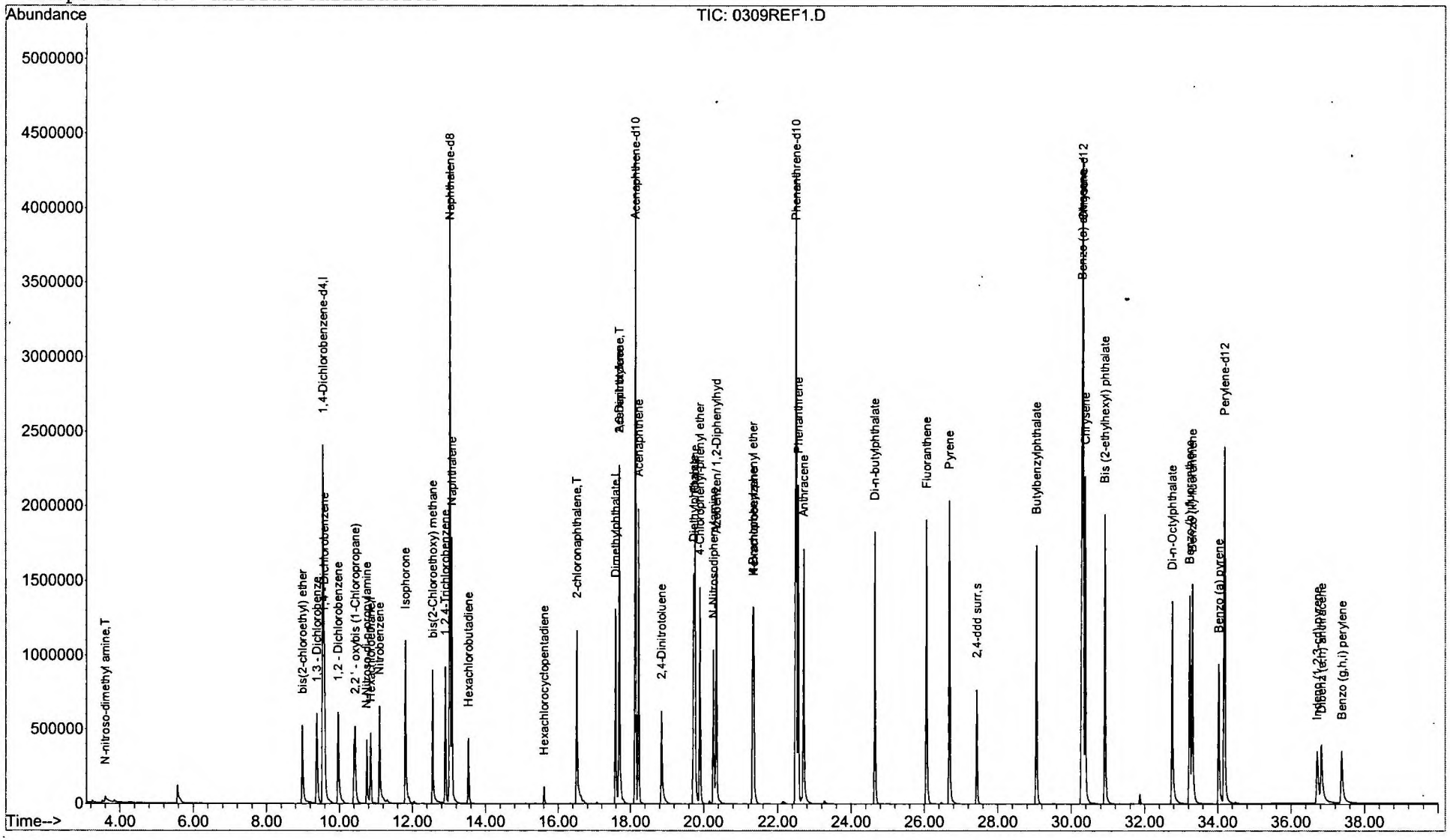
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47) Benzo (k) fluoranthene	33.31	252	1466509	11.29	ug/L	99
48) Benzo (a) pyrene	34.02	252	929390	8.55	ug/L	97
49) Indeno (1,2,3-cd) pyrene	36.71	276	446936	7.14	ug/L	99
50) Dibenz (a,h) anthracene	36.83	278	536592	8.92	ug/L	96
51) Benzo (g,h,i) perylene	37.38	276	523971	8.70	ug/L	96

(#) = qualifier out of range (m) = manual integration
0309REF1.D 5080302.M Wed Mar 20 08:40:02 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\0309REF1.D Vial: 12
Acq On : 16 Mar 2002 7:53 pm Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 8:21 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\031602\0309REF2.D Vial: 13
Acq On : 16 Mar 2002 8:42 pm Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 08:40:37 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	1562305	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4001483	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2219578	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3424802	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	3152730	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	1841502	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	326455	7.99	ug/L	0.00
Spiked Amount 5.000			Recovery = 159.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.58	74	205128	5.85	ug/L	100
3) bis(2-chloroethyl) ether	8.98	93	546873	9.89	ug/L	84
4) 1,3 - Dichlorobenze	9.38	146	451186	8.25	ug/L	99
5) 1,4 - Dichlorobenzene	9.59	146	464903	8.52	ug/L	98
6) 1,2 - Dichlorobenzene	9.96	146	481265	9.53	ug/L	97
7) 2,2 ' - oxybis (1-Chloropr	10.42	45	1331285	10.57	ug/L	98
8) N-Nitroso-di-n-propylamine	10.76	70	469729	11.81	ug/L	94
9) Hexachloroethane	10.86	117	138252	6.75	ug/L	96
11) Nitrobenzene	11.10	77	587736	8.16	ug/L	97
12) Isophorone	11.81	82	1347643	10.16	ug/L	100
13) bis(2-Chloroethoxy) methan	12.55	93	707197	8.86	ug/L	98
14) 1,2,4-Trichlorobenzene	12.90	180	396859	8.66	ug/L	99
15) Naphthalene	13.08	128	1623825	9.76	ug/L	99
16) Hexachlorobutadiene	13.53	225	132573	5.17	ug/L	96
18) Hexachlorocyclopentadiene	15.61	237	36883	1.89	ug/L	94
19) 2-chloronaphthalene	16.51	162	910728	8.99	ug/L	100
20) Dimethylphthalate	17.60	163	1313441	10.86	ug/L	99
21) 2,6-Dinitrotoluene	17.70	165	241331	9.38	ug/L	99
22) Acenaphthylene	17.70	152	1481585	10.54	ug/L	99
23) Acenaphthene	18.22	153	1004494	10.51	ug/L	97
24) 2,4-Dinitrotoluene	18.85	165	337597	9.16	ug/L	100
25) Diethylphthalate	19.72	149	1255612	12.06	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.89	204	611077	11.02	ug/L	99
27) Fluorene	19.76	166	1292789	11.47	ug/L	98
28) Azobenzen/ 1,2-Diphenylhyd	20.35	77	1552090	10.11	ug/L	98
30) N-Nitrosodiphenylamine	20.26	169	686418	9.32	ug/L	97
31) 4-Bromophenyl-phenyl ether	21.32	248	354050	11.71	ug/L	94
32) Hexachlorobenzene	21.34	284	374234	11.74	ug/L	96
33) Phenanthrene	22.56	178	1842448	11.62	ug/L	99
34) Anthracene	22.70	178	1718863	10.92	ug/L	98
35) Di-n-butylphthalate	24.65	149	2197544	12.09	ug/L	99
36) Fluoranthene	26.06	202	2114682	11.73	ug/L	99
39) Pyrene	26.69	202	2219414	10.18	ug/L	97
40) Butylbenzylphthalate	29.05	149	933468	10.00	ug/L	99
41) Benzo (a) antracene	30.29	228	1756368	10.61	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.91	149	1295606	10.50	ug/L	97
43) Chrysene	30.38	228	1814608	11.54	ug/L	97
45) Di-n-Octylphthalate	32.75	149	1923232	9.72	ug/L	99
46) Benzo (b) fluoranthene	33.23	252	1488378	11.47	ug/L	98

(#) = qualifier out of range (m) = manual integration
0309REF2.D 5080302.M Wed Mar 20 08:42:39 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\0309REF2.D Vial: 13
Acq On : 16 Mar 2002 8:42 pm Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 08:40:37 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	1690558	12.77 ug/L	99
48) Benzo (a) pyrene	34.03	252	1036168	9.35 ug/L	99
49) Indeno (1,2,3-cd) pyrene	36.71	276	452533	7.10 ug/L	100
50) Dibenz (a,h) anthracene	36.83	278	517457	8.44 ug/L	98
51) Benzo (g,h,i) perylene	37.38	276	506524	8.25 ug/L	97

(#) = qualifier out of range (m) = manual integration
0309REF2.D 5080302.M Wed Mar 20 08:42:39 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031602\0309REF2.D Vial: 13
Acq On : 16 Mar 2002 8:42 pm Operator: McLean
Sample : 3/9 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 20 8:40 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