User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/24/2002 Time: 16:03:10

Sample: AE09095
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/24/20 00:06 Ended: 4/24/20 00:06 Analyst: MG
Result source: c:\hpchem\1\data\apr2302\refa2.d\refa2.rr
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		9.4	2.0
2	bis(2-Chloroethyl)ether		15	2.0
3	1,3-Dichlorobenzene		11	2.0
4	1,4-Dichlorobenzene		12	2.0
5	1,2-Dichlorobenzene		12	2.0
6	2,2-oxybis(1-Chloropropane)		15	2.0
7	n-Nitrosodi-n-propylamine		15	2.0
8	Hexachloroethane		9.0	2.0
9	Nitrobenzene		15	2.0
10	Isophorone		12	2.0
11	bis(2-Chloroethoxy)methane		15	2.0
12	1,2,4-Trichlorobenzene		13	2.0
13	Naphthalene		15	2.0
14	Hexachlorobutadiene		9.4	2.0
15	2-Chloronaphthalene		15	2.0
16	Dimethylphthalate		17	2.0
17	2,6-Dinitrotoluene		15	2.0
18	Acenaphthylene		16	2.0
19	Acenaphthene		16	2.0
20	2,4-Dinitrotoluene		14	2.0
21	Diethylphthalate		17	2.0
22	4-Chlorophenylphenylether		17	2.0
23	Fluorene		17	2.0
24	Azobenzene		14	2.0
25	n-Nitrosodiphenylamine		11	2.0
26	4-Bromophenylphenylether		17	2.0
27	Hexachlorobenzene		18	2.0
28	Phenanthrene		17	2.0
29	Anthracene		15	2.0
30	Di-n-butylphthalate		17	2.0
31	Fluoranthene		16	2.0
32	Pyrene		17	2.0
33	Butylbenzylphthalate		15	2.0
34	Benzo(a)anthracene		17	2.0
35	bis(2-Ethylhexyl)phthalate		17	2.0
36	Chrysene		18	2.0
37	Di-n-octylphthalate		12	2.0
38	Benzo(b)fluoranthene		15	2.0
39	Benzo(k)fluoranthene		19	2.0
40	Benzo(a)pyrene		13	2.0
41	Indeno(1,2,3-cd)pyrene		13	2.0
42	Dibenz(a,h)anthracene		15	2.0
43	Benzo(g,h,i)perylene		14	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/24/2002 Time: 16:03:20

Sample: AE09095
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/24/20 00:06 Ended: 4/24/20 00:06 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		47	2.0
2	bis(2-Chloroethyl)ether		75	2.0
3	1,3-Dichlorobenzene		55	2.0
4	1,4-Dichlorobenzene		60	2.0
5	1,2-Dichlorobenzene		60	2.0
6	2,2-oxybis(1-Chloropropane)		75	2.0
7	n-Nitrosodi-n-propylamine		75	2.0
8	Hexachloroethane		45	2.0
9	Nitrobenzene		75	2.0
10	Isophorone		60	2.0
11	bis(2-Chloroethoxy)methane		75	2.0
12	1,2,4-Trichlorobenzene		65	2.0
13	Naphthalene		75	2.0
14	Hexachlorobutadiene		47	2.0
15	2-Chloronaphthalene		75	2.0
16	Dimethylphthalate		85	2.0
17	2,6-Dinitrotoluene		75	2.0
18	Acenaphthylene		80	2.0
19	Acenaphthene		80	2.0
20	2,4-Dinitrotoluene		70	2.0
21	Diethylphthalate		85	2.0
22	4-Chlorophenylphenylether		85	2.0
23	Fluorene		85	2.0
24	Azobenzene		70	2.0
25	n-Nitrosodiphenylamine		55	2.0
26	4-Bromophenylphenylether		85	2.0
27	Hexachlorobenzene		90	2.0
28	Phenanthrene		85	2.0
29	Anthracene		75	2.0
30	Di-n-butylphthalate		85	2.0
31	Fluoranthene		80	2.0
32	Pyrene		85	2.0
33	Butylbenzylphthalate		75	2.0
34	Benzo(a)anthracene		85	2.0
35	bis(2-Ethylhexyl)phthalate		85	2.0
36	Chrysene		90	2.0
37	Di-n-octylphthalate		60	2.0
38	Benzo(b)fluoranthene		75	2.0
39	Benzo(k)fluoranthene		95	2.0
40	Benzo(a)pyrene		65	2.0
41	Indeno(1,2,3-cd)pyrene		65	2.0
42	Dibenz(a,h)anthracene		75	2.0
43	Benzo(g,h,i)perylene		70	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2302\REFA2.D Vial: 18
Acq On : 24 Apr 2002 6:57 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:16 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	486741	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1788924	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1016155	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1501384	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	960015	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	590163	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	45616	8.96	ug/L	-0.04
Spiked Amount 10.000			Recovery = 89.60%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	99244	9.37	ug/l	95
3) bis(2-Chloroethyl)ether	11.60	93	251231	15.24	ug/l	98
4) 1,3-Dichlorobenzene	12.11	146	191030	11.23	ug/l	100
5) 1,4-Dichlorobenzene	12.25	146	198922	11.63	ug/l	98
6) 1,2-Dichlorobenzene	12.77	146	197456	12.43	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.09	45	348375	15.29	ug/l	99
8) N-Nitroso-di-n-propylamine	13.48	70	159928	14.79	ug/l	99
9) Hexachloroethane	13.62	117	56668	9.04	ug/l	92
11) Nitrobenzene	13.89	77	227623	14.51	ug/l	100
12) Isophorone	14.54	82	364571	12.28	ug/l	97
13) bis(2-Chloroethoxy)methane	15.22	93	299483	15.49	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	177265	13.03	ug/l	98
15) Naphthalene	15.90	128	641171	14.91	ug/l	100
16) Hexachlorobutadiene	16.44	225	63632	9.36	ug/l	99
18) Hexachlorocyclopentadiene	18.63	237	6272	1.40	ug/l	97
19) 2-Chloronaphthalene	19.41	162	397693	14.84	ug/l	98
20) Dimethylphthalate	20.49	163	521620	16.88	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	107868	14.60	ug/l	97
22) Acenaphthylene	20.67	152	586660	15.65	ug/l	100
23) Acenaphthene	21.24	153	423305	15.88	ug/l	99
24) 2,4-Dinitrotoluene	21.88	165	137867	14.18	ug/l	96
25) Diethylphthalate	22.63	149	497971	16.80	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	223098	16.97	ug/l	96
27) Fluorene	22.76	166	475362	16.84	ug/l	99
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	436459	13.92	ug/L	98
31) N-Nitrosodiphenylamine	23.17	168	143059	11.45	ug/l	97
32) 4-Bromophenyl-phenylether	24.24	248	125070	17.16	ug/l	97

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2302\REFA2.D Vial: 18
Acq On : 24 Apr 2002 6:57 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:16 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

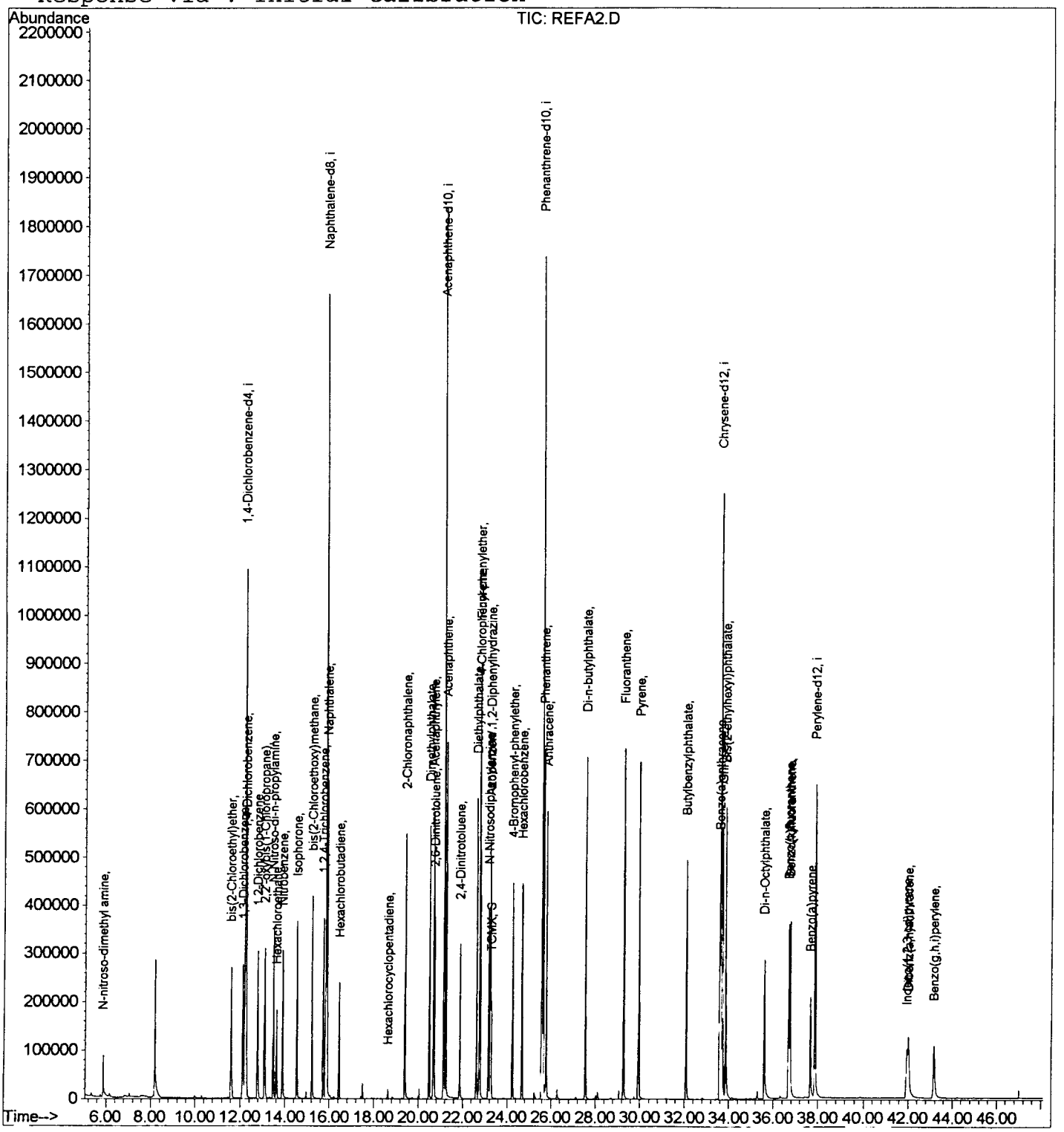
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.68	284	153836	17.84	ug/l	#	92
34)	Phenanthrene	25.65	178	661424	17.06	ug/l		99
35)	Anthracene	25.79	178	579516	15.19	ug/l		99
36)	Di-n-butylphthalate	27.56	149	807326	16.64	ug/l		100
37)	Fluoranthene	29.27	202	640331	16.42	ug/l		97
40)	Pyrene	29.95	202	662328	17.17	ug/l		97
41)	Butylbenzylphthalate	32.08	149	274649	14.56	ug/l		98
42)	Benzo(a)anthracene	33.59	228	445369	16.65	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.86	149	412377	17.09	ug/l		100
44)	Chrysene	33.72	228	480757	18.12	ug/l		99
46)	Di-n-Octylphthalate	35.60	149	401413	11.51	ug/l		99
47)	Benzo(b)fluoranthene	36.69	252	347569	15.43	ug/l		98
48)	Benzo(k)fluoranthene	36.76	252	414610	18.90	ug/l		98
49)	Benzo(a)pyrene	37.67	252	240395	12.94	ug/l		99
50)	Indeno(1,2,3-cd)pyrene	41.95	276	245274	13.12	ug/l		96
51)	Dibenz(a,h)anthracene	42.03	278	219705	15.41	ug/l		97
52)	Benzo(g,h,i)perylene	43.17	276	217497	13.93	ug/l		98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2302\REFA2.D Vial: 18
Acq On : 24 Apr 2002 6:57 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:16 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2302\REFA1.D Vial: 17
Acq On : 24 Apr 2002 5:59 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:16 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	531076	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1928409	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1101893	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1629488	20.00	ug/l	-0.02
39) Chrysene-d12	33.64	240	1085865	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	678830	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	48481	8.78	ug/L	-0.04
Spiked Amount 10.000			Recovery = 87.80%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.86	74	104702	9.06	ug/l	95
3) bis(2-Chloroethyl)ether	11.61	93	253887	14.11	ug/l	100
4) 1,3-Dichlorobenzene	12.11	146	210053	11.32	ug/l	99
5) 1,4-Dichlorobenzene	12.25	146	222786	11.93	ug/l	100
6) 1,2-Dichlorobenzene	12.77	146	219247	12.65	ug/l	99
7) 2,2'-oxybis(1-Chloropropan	13.09	45	352486	14.18	ug/l	99
8) N-Nitroso-di-n-propylamine	13.47	70	166619	14.12	ug/l	98
9) Hexachloroethane	13.62	117	64713	9.46	ug/l	95
11) Nitrobenzene	13.89	77	230151	13.61	ug/l	99
12) Isophorone	14.54	82	382319	11.95	ug/l	99
13) bis(2-Chloroethoxy)methane	15.22	93	304927	14.63	ug/l	99
14) 1,2,4-Trichlorobenzene	15.73	180	197597	13.48	ug/l	98
15) Naphthalene	15.90	128	683117	14.73	ug/l	100
16) Hexachlorobutadiene	16.45	225	73538	10.03	ug/l	96
18) Hexachlorocyclopentadiene	18.64	237	5979	1.23	ug/l	96
19) 2-Chloronaphthalene	19.40	162	430286	14.81	ug/l	97
20) Dimethylphthalate	20.50	163	540723	16.14	ug/l	99
21) 2,6-Dinitrotoluene	20.71	165	113388	14.16	ug/l	96
22) Acenaphthylene	20.67	152	615665	15.14	ug/l	100
23) Acenaphthene	21.24	153	447399	15.48	ug/l	100
24) 2,4-Dinitrotoluene	21.87	165	144053	13.66	ug/l	96
25) Diethylphthalate	22.63	149	520282	16.19	ug/l	99
26) 4-Chlorophenyl-phenylether	22.78	204	238039	16.69	ug/l	98
27) Fluorene	22.76	166	498046	16.27	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.24	77	461377	13.57	ug/L	99
31) N-Nitrosodiphenylamine	23.17	168	149807	11.05	ug/l	98
32) 4-Bromophenyl-phenylether	24.24	248	133001	16.81	ug/l	98

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2302\REFA1.D Vial: 17
Acq On : 24 Apr 2002 5:59 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:16 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	24.68	284	160369	17.13 ug/l	96
34) Phenanthrene	25.66	178	689822	16.39 ug/l	99
35) Anthracene	25.78	178	601571	14.53 ug/l	100
36) Di-n-butylphthalate	27.56	149	861376	16.36 ug/l	99
37) Fluoranthene	29.27	202	675399	15.95 ug/l	97
40) Pyrene	29.95	202	699176	16.03 ug/l	96
41) Butylbenzylphthalate	32.08	149	296709	13.91 ug/l	97
42) Benzo(a)anthracene	33.59	228	479045	15.83 ug/l	99
43) Bis(2-ethylhexyl)phthalate	33.86	149	454499	16.65 ug/l	98
44) Chrysene	33.72	228	519456	17.31 ug/l	99
46) Di-n-Octylphthalate	35.60	149	464993	11.60 ug/l	100
47) Benzo(b)fluoranthene	36.69	252	410604	15.85 ug/l	98
48) Benzo(k)fluoranthene	36.76	252	429957	17.04 ug/l	99
49) Benzo(a)pyrene	37.67	252	264038	12.36 ug/l	99
50) Indeno(1,2,3-cd)pyrene	41.95	276	274817	12.78 ug/l	95
51) Dibenz(a,h)anthracene	42.02	278	247862m	15.11 ug/l	
52) Benzo(g,h,i)perylene	43.17	276	235868	13.14 ug/l	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2302\REFA1.D Vial: 17
Acq On : 24 Apr 2002 5:59 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:16 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration