Response Factor Report CWA

Method Path : D:\DATA\SVOC\calibrations\
Method File : MCHM012214.M
Title : Calibration
Last Update : Fri Jan 24 08:09:29 2014
Response Via : Initial Calibration

Calibration Files
0.5 =MCHMLow5_012314.D 5 =MCHM5_012314.D 10 =MCHM10_012314.D 20 =MCHM20_012314.D
50 =MCHM50_012314.D

		Compound	0.5	5	10	20	50	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------						
2)	S	2-Fluorophenol	1.118	1.121	1.116	1.137	1.198	1.138	3.04
3)	S	Phenol-d5	1.237	1.241	1.252	1.269	1.325	1.265	2.83
4)		cis-MCHM	0.499	0.658	0.681	0.684	0.744	0.653	14.05
5)		tans-MCHM	1.098	1.478	1.496	1.429	1.372	1.375	11.78
6)	I	Naphthalene-d8	----------ISTD----------						
7)	S	Nitrobenzene-d5	0.411	0.406	0.412	0.421	0.434	0.417	2.66
8)	I	Acenaphthene-d10	----------ISTD----------						
9)	S	2-Fluorobiphenyl	1.392	1.413	1.399	1.388	1.405	1.399	0.72
10)	I	Phenanthrene-d10	----------ISTD----------						
11)	S	2,4,6-Tribromoph...	0.059	0.060	0.061	0.061	0.062	0.061	2.05
12)	I	Chrysene-d12	----------ISTD----------						
13)	S	Terphenyl-d14	1.123	1.087	1.122	1.088	1.126	1.109	1.78
14)	I	Perylene-d12	----------ISTD----------						

(#) = Out of Range

Freedom_0006027_0001

Quantitation Report (QT Reviewed)

Data Path : D:\DATA\SVOC\2014\01 JAN\012314\
Data File : MCHMLow5_012314.D
Acq On : 23 Jan 2014 12:36 pm
Operator : ERG 96-5975B
Sample : MCHMLow5_012314
Misc : Initial Calibration on 012214
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 10:17:08 2014
Quant Method : D:\DATA\SVOC\calibrations\MCHM012214.M
Quant Title : Calibration
QLast Update : Fri Jan 24 08:09:29 2014
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.140	152	1158794	20.000	ug/mL	-0.01
6) Naphthalene-d8	5.350	136	4556104	20.000	ug/mL	-0.01
8) Acenaphthene-d10	7.186	164	2357530	20.000	ug/mL	-0.01
10) Phenanthrene-d10	8.737	188	3713041	20.000	ug/mL	-0.01
12) Chrysene-d12	11.578	240	2990560	20.000	ug/mL	-0.01
14) Perylene-d12	13.188	264	1778990	20.000	ug/mL	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.146	112	3238851	49.121	ug/mL	-0.02
Spiked Amount 50.000	Range 21 - 110		Recovery = 98.24%			
3) Phenol-d5	3.832	99	3583847	48.910	ug/mL	-0.02
Spiked Amount 50.000	Range 39 - 106		Recovery = 97.82%			
7) Nitrobenzene-d5	4.675	82	2340876	24.658	ug/mL	-0.01
Spiked Amount 25.000	Range 43 - 108		Recovery = 98.64%			
9) 2-Fluorobiphenyl	6.479	172	4100990	24.864	ug/mL	0.00
Spiked Amount 25.000	Range 43 - 116		Recovery = 99.44%			
11) 2,4,6-Tribromophenol	8.024	330	549305	48.695	ug/mL	-0.01
Spiked Amount 50.000	Range 10 - 123		Recovery = 97.38%			
13) Terphenyl-d14	10.449	244	4198041	25.309	ug/mL	0.00
Spiked Amount 25.000	Range 33 - 141		Recovery = 101.24%			
Target Compounds						Qvalue
4) cis-MCHM	4.458	55	14461	0.382	ug/mL	93
5) tans-MCHM	4.615	55	31808	0.399	ug/mL	99

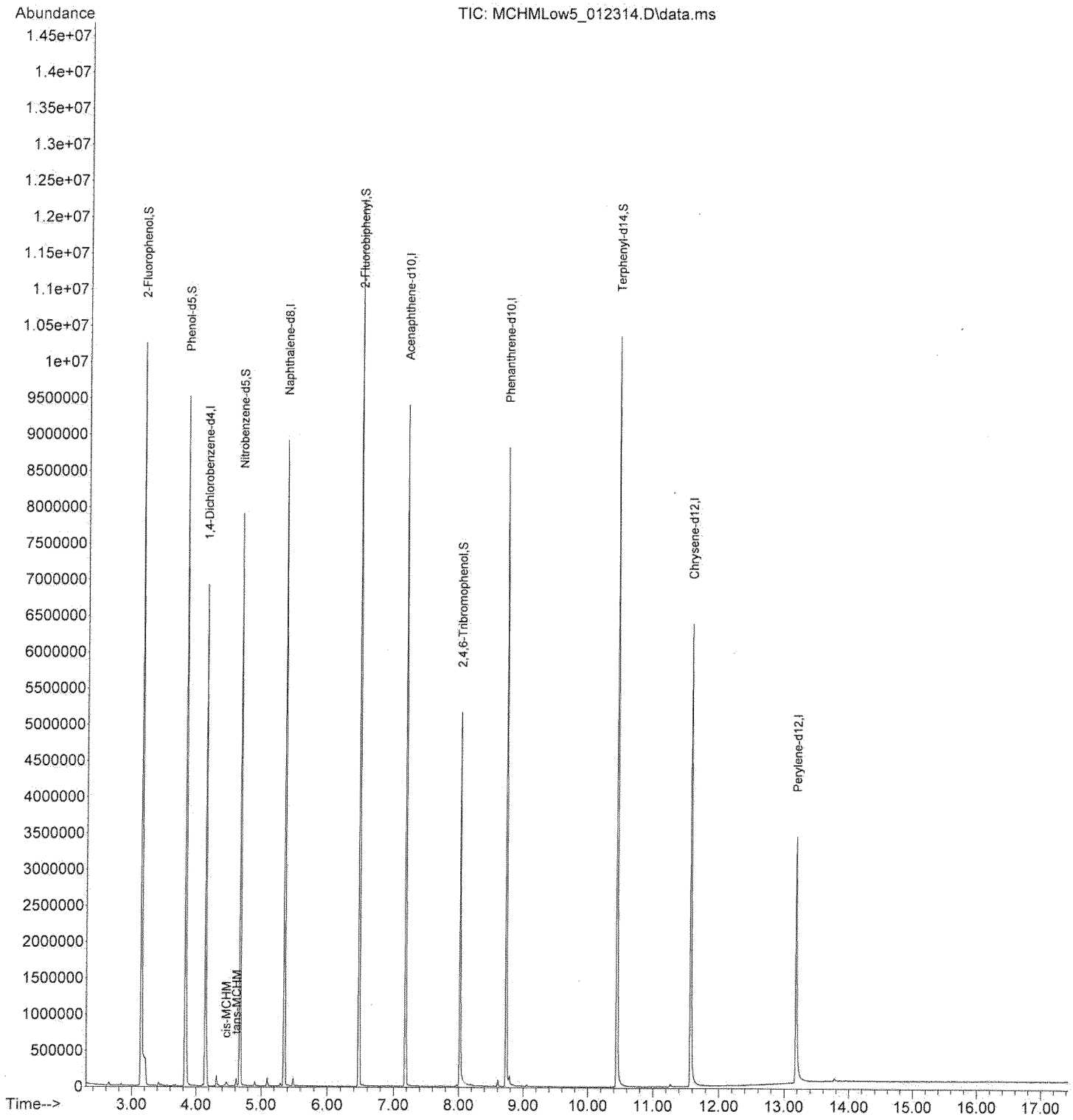
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Freedom_0006027_0002

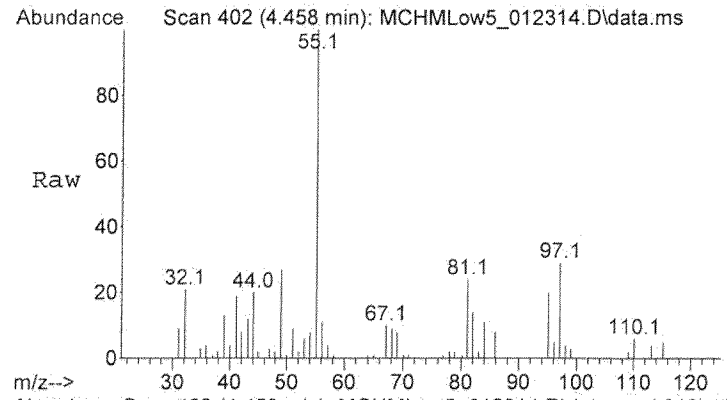
Quantitation Report (QT Reviewed)

Data Path : D:\DATA\SVOC\2014\01 JAN\012314\
Data File : MCHMLow5_012314.D
Acq On : 23 Jan 2014 12:36 pm
Operator : ERG 96-5975B
Sample : MCHMLow5_012314
Misc : Initial Calibration on 012214
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 10:17:08 2014
Quant Method : D:\DATA\SVOC\calibrations\MCHM012214.M
Quant Title : Calibration
QLast Update : Fri Jan 24 08:09:29 2014
Response via : Initial Calibration



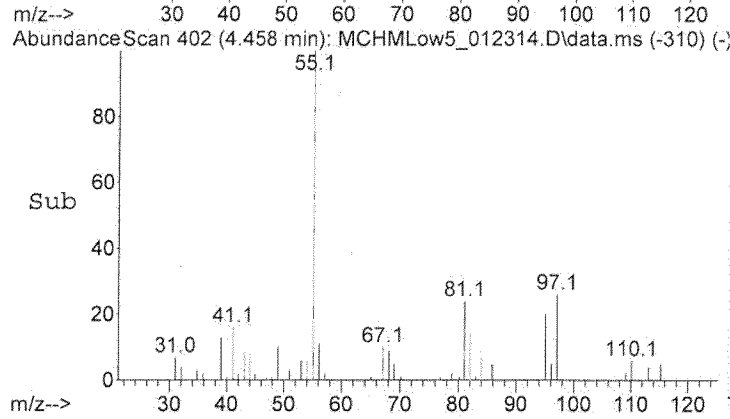
Freedom_0006027_0003

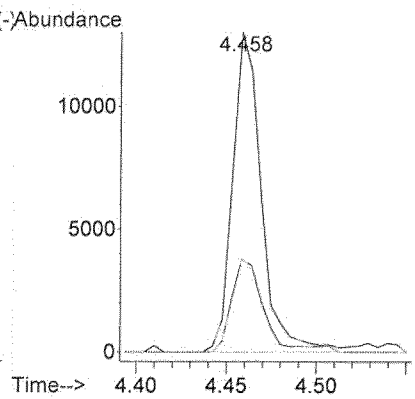


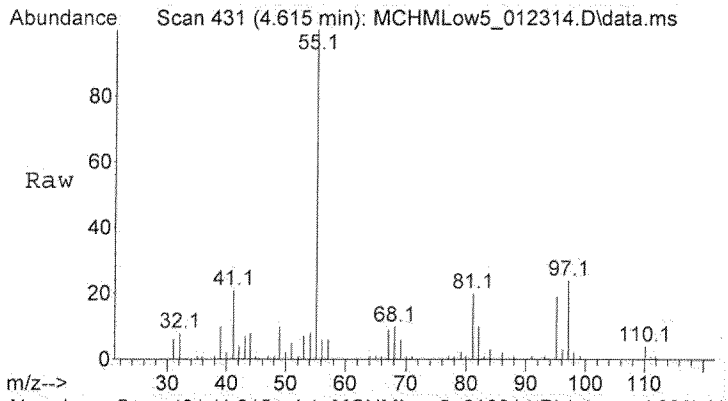
#4
cis-MCHM
Concen: 0.382 ug/mL
RT: 4.458 min Scan# 402
Delta R.T. -0.006 min
Lab File: MCHMLow5_012314.D
Acq: 23 Jan 2014 12:36 pm

Tgt Ion: 55 Resp: 14461

Ion	Ratio	Lower	Upper
55	100		
97	32.6	23.2	34.8



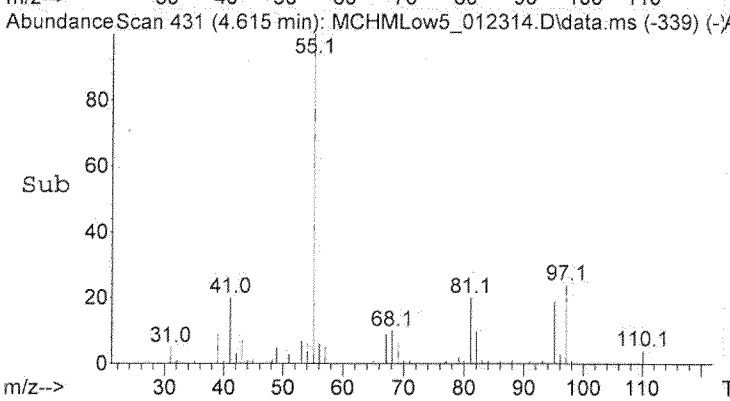


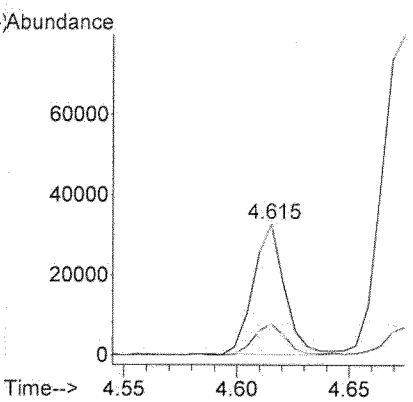


#5
tans-MCHM
Concen: 0.399 ug/mL
RT: 4.615 min Scan# 431
Delta R.T. -0.001 min
Lab File: MCHMLow5_012314.D
Acq: 23 Jan 2014 12:36 pm

Tgt Ion: 55 Resp: 31808

Ion	Ratio	Lower	Upper
55	100		
97	24.7	20.0	30.0





Freedom_0006027_0004