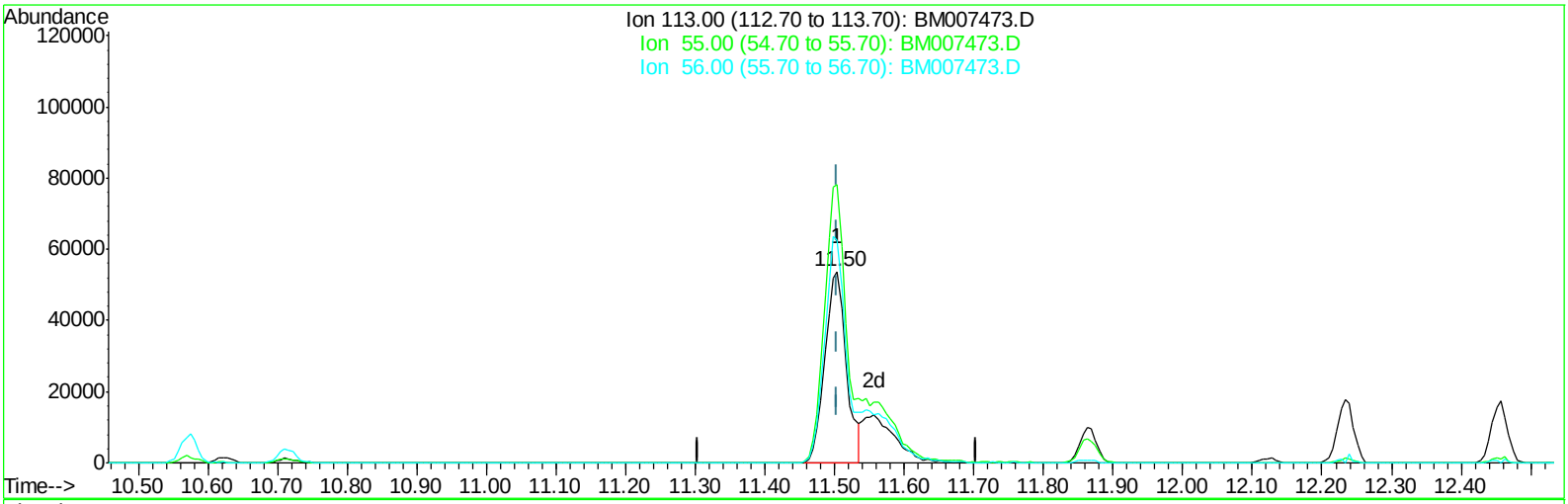
Quantitation Report (Qedit)

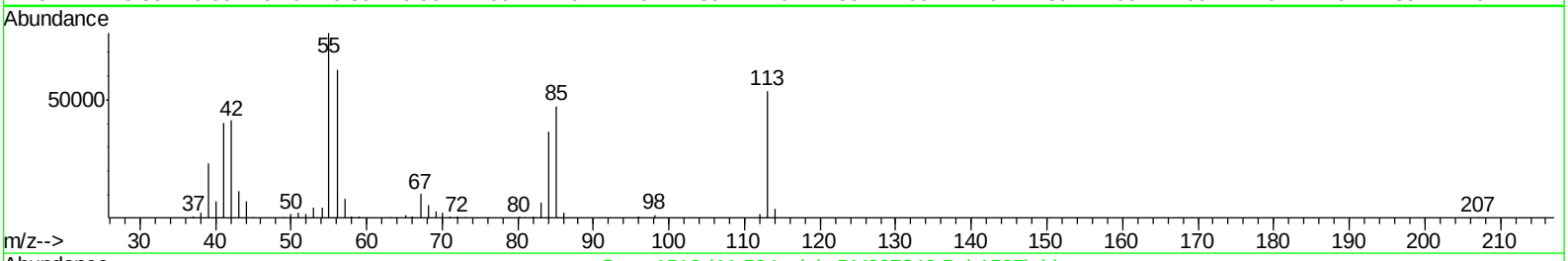
Data Path : Z:\HPCHEM1\BNA M\DATA\BM091416\
Data File : BM007473.D
Acq On : 14 Sep 2016 10:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

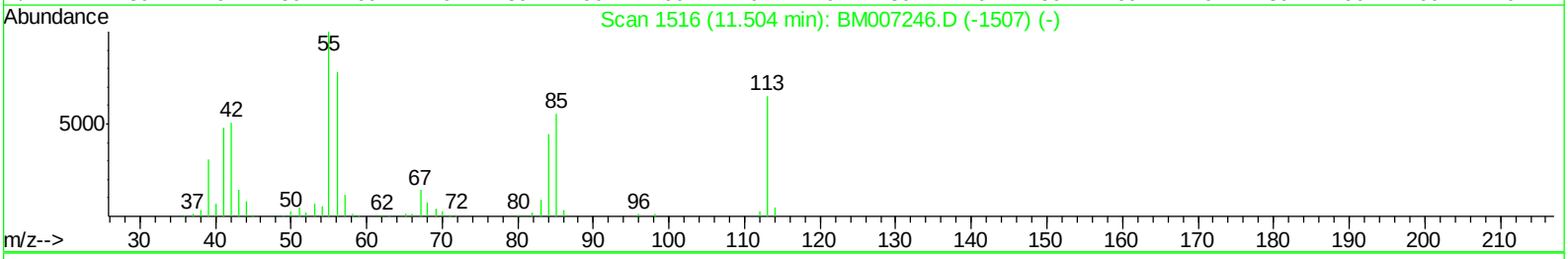
Quant Time: Sep 14 14:15:24 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations APPROVED
sohil
9/14/2016 6:19:38 PM







TIC: BM007473.D

(32) Caprolactam

11.504min (+0.000) 13.83ng/ul

response 114017

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	145.24
56.00	121.70	116.41
0.00	0.00	0.00

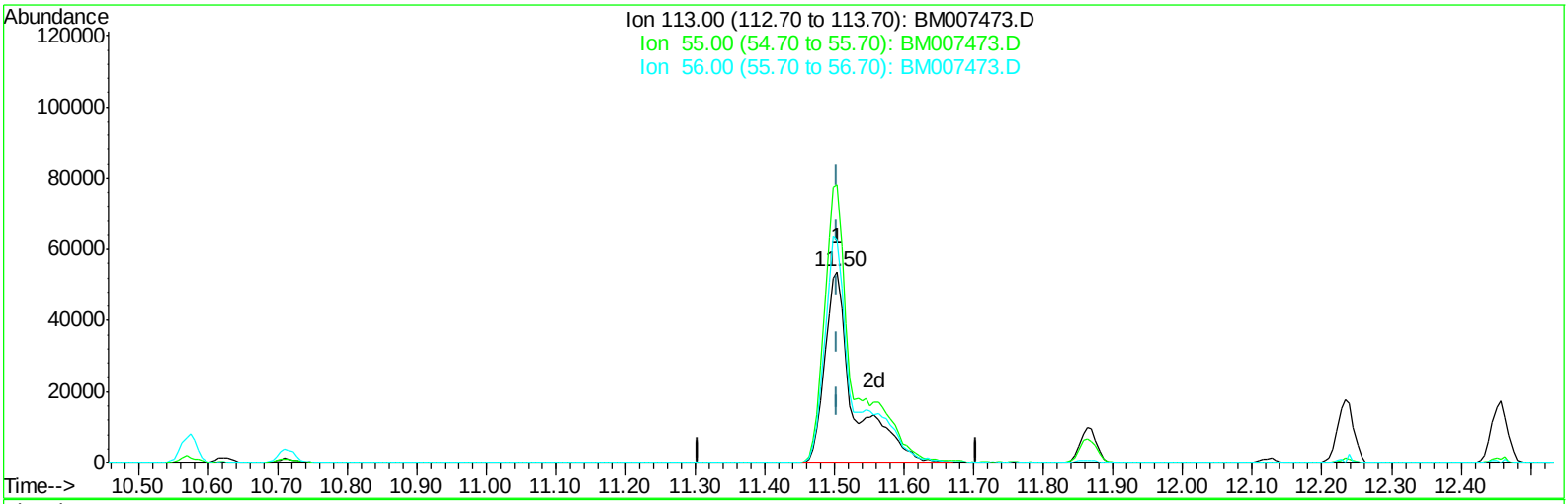
Quantitation Report (Qedit)

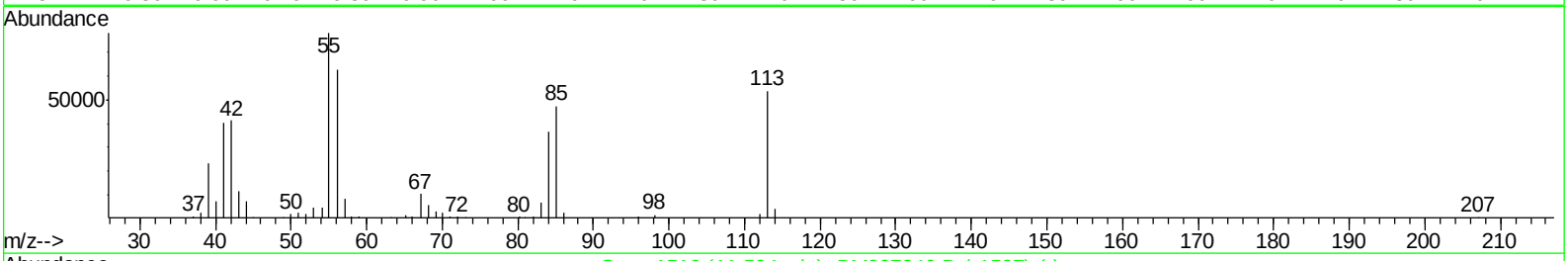
Data Path : Z:\HPCHEM1\BNA M\DATA\BM091416\
Data File : BM007473.D
Acq On : 14 Sep 2016 10:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

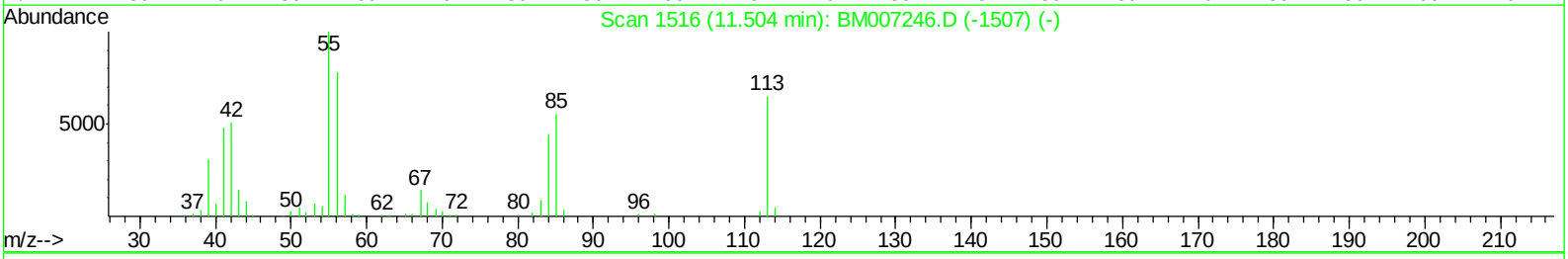
Quant Time: Sep 14 14:15:24 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations APPROVED
sohil
9/14/2016 6:19:38 PM







TIC: BM007473.D

(32) Caprolactam

11.504min (+0.000) 19.14ng/ul m

response 157787

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	145.24
56.00	121.70	116.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091416\
Data File : BM007473.D
Acq On : 14 Sep 2016 10:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations APPROVED
sohil
9/14/2016 6:19:38 PM

Quant Time: Sep 14 14:52:31 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	254183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1207257	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	811443	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2119354	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2853258	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	3075336	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	42260	8.50	ng/uL	0.00
5) Phenol-d5	6.96	99	468090	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	259151	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	355084	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	400846	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	184019	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	214123	20.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	416110	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	537418	20.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1420538	20.29	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1683850	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	246237	18.63	ng/ul	0.00
57) Fluorene-d10	15.42	176	1222920	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	271772	20.39	ng/ul	0.00
70) Anthracene-d10	17.26	188	2035654	20.56	ng/ul	0.00
76) Pyrene-d10	19.56	212	2523841	21.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2896258	20.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	41612	7.50	ng/uL	99
4) Benzaldehyde	6.94	77	299664	21.91	ng/ul	98
6) Phenol	6.99	94	484567	19.46	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.22	93	350172	20.18	ng/ul	98
10) 2-Chlorophenol	7.36	128	365908	20.14	ng/ul	99
11) 2-Methylphenol	8.23	108	378859	19.46	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	401782	20.58	ng/ul	99
14) Acetophenone	8.61	105	622565	19.39	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	332553	19.48	ng/ul	96
16) 4-Methylphenol	8.56	108	417855	19.13	ng/ul	96
17) Hexachloroethane	8.86	117	145558	20.59	ng/ul	96
20) Nitrobenzene	8.99	77	466063	20.47	ng/ul	99
21) Isophorone	9.50	82	925212	19.95	ng/ul	99
23) 2-Nitrophenol	9.69	139	231327	20.56	ng/ul	95
24) 2,4-Dimethylphenol	9.75	107	516183	20.80	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	530600	20.30	ng/ul	97
27) 2,4-Dichlorophenol	10.23	162	416962	20.37	ng/ul	99
28) Naphthalene	10.62	128	1230354	20.49	ng/ul	99
30) 4-Chloroaniline	10.73	127	552894	20.90	ng/ul	98
31) Hexachlorobutadiene	10.90	225	286471	20.71	ng/ul	99
32) Caprolactam	11.50	113	157787m	19.14	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	499230	19.71	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	979645	19.93	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091416\
Data File : BM007473.D
Acq On : 14 Sep 2016 10:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations APPROVED
sohil
9/14/2016 6:19:38 PM

Quant Time: Sep 14 14:52:31 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	580484	21.48	ng/ul	97
37) Hexachlorocyclopentadiene	12.58	237	297669	18.26	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	387794	20.29	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	401490	20.15	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1318331	20.95	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	1028241	20.84	ng/ul	98
42) 2-Nitroaniline	13.50	65	340956	21.16	ng/ul	99
44) Dimethylphthalate	13.88	163	1401484	20.10	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	302966	21.26	ng/ul	94
47) Acenaphthylene	14.15	152	1738336	20.82	ng/ul	99
48) 3-Nitroaniline	14.33	138	302158	20.77	ng/ul	95
49) Acenaphthene	14.49	153	1120894	20.63	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	173682	17.97	ng/ul	86
52) 4-Nitrophenol	14.65	109	258744	18.40	ng/ul	88
53) Dibenzofuran	14.82	168	1665701	20.49	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	460375	21.07	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.05	232	408196	19.97	ng/ul#	96
56) Diethylphthalate	15.24	149	1450642	19.94	ng/ul	98
58) Fluorene	15.47	166	1361018	20.33	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.46	204	709415	20.27	ng/ul	98
60) 4-Nitroaniline	15.50	138	328758	19.92	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	291664	20.50	ng/ul	97
64) N-Nitrosodiphenylamine	15.68	169	1230979	20.80	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	496602	20.75	ng/ul	97
66) Hexachlorobenzene	16.47	284	543928	20.30	ng/ul	97
67) Atrazine	16.63	200	513711	20.56	ng/ul	99
68) Pentachlorophenol	16.82	266	317164	18.34	ng/ul	100
69) Phenanthrene	17.21	178	2340218	20.57	ng/ul	99
71) Anthracene	17.30	178	2443723	20.81	ng/ul	98
72) Carbazole	17.57	167	2170626	21.26	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2572875	20.03	ng/ul	100
74) Fluoranthene	19.22	202	3073543	21.53	ng/ul	99
77) Pyrene	19.59	202	3242158	21.18	ng/ul	99
78) Butylbenzylphthalate	20.48	149	1312702	20.61	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	1227706	21.67	ng/ul	100
80) Benzo(a)anthracene	21.33	228	3433477	20.41	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.25	149	1904173	20.61	ng/ul	98
82) Chrysene	21.39	228	3175260	20.84	ng/ul	98
84) Di-n-octyl phthalate	22.14	149	3448457	22.51	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	3772133	20.74	ng/ul	100
86) Benzo(k)fluoranthene	22.98	252	3523546	20.97	ng/ul	100
88) Benzo(a)pyrene	23.52	252	3586112	20.61	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	4019785	18.83	ng/ul	99
90) Dibenzo(a,h)anthracene	25.91	278	3326571	18.73	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	3359623	18.53	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091416\
Data File : BM007473.D
Acq On : 14 Sep 2016 10:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 14 14:52:31 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02054

Manual Integrations APPROVED
sohil
9/14/2016 6:19:38 PM