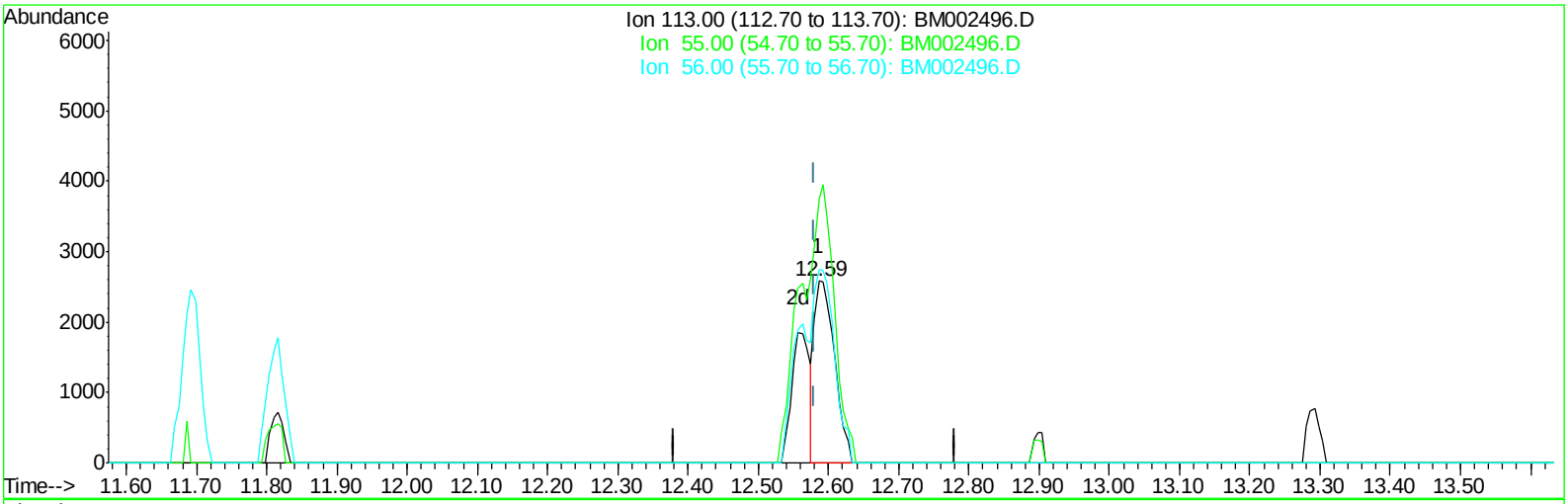
Quantitation Report (Qedit)

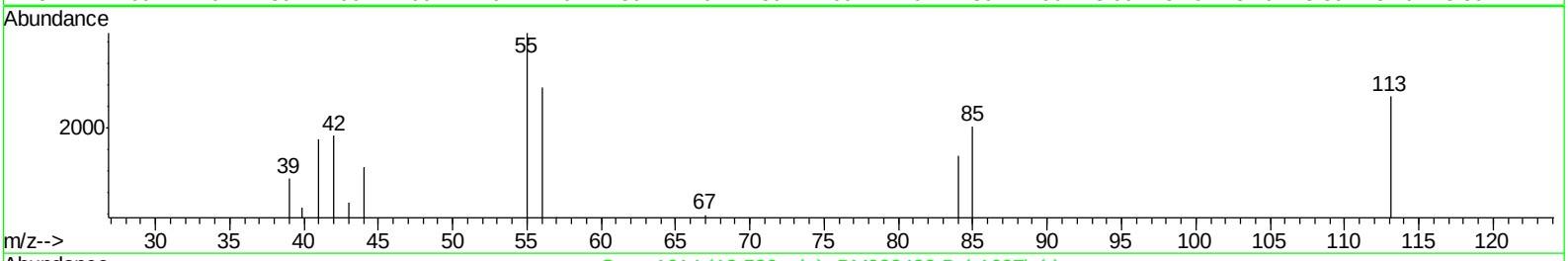
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002496.D
Acq On : 19 Aug 2015 18:14
Operator : UM/IZ
Sample : MDL-05-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

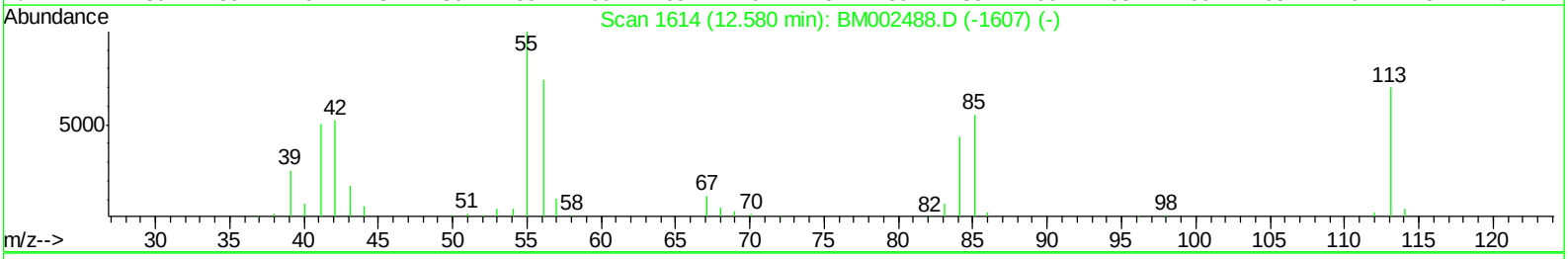
Quant Time: Aug 20 02:33:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:07 PM







TIC: BM002496.D

(32) Caprolactam

12.586min (+0.006) 1.82ng/ul

response 5080

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	145.67#
56.00	139.20	106.27#
0.00	0.00	0.00

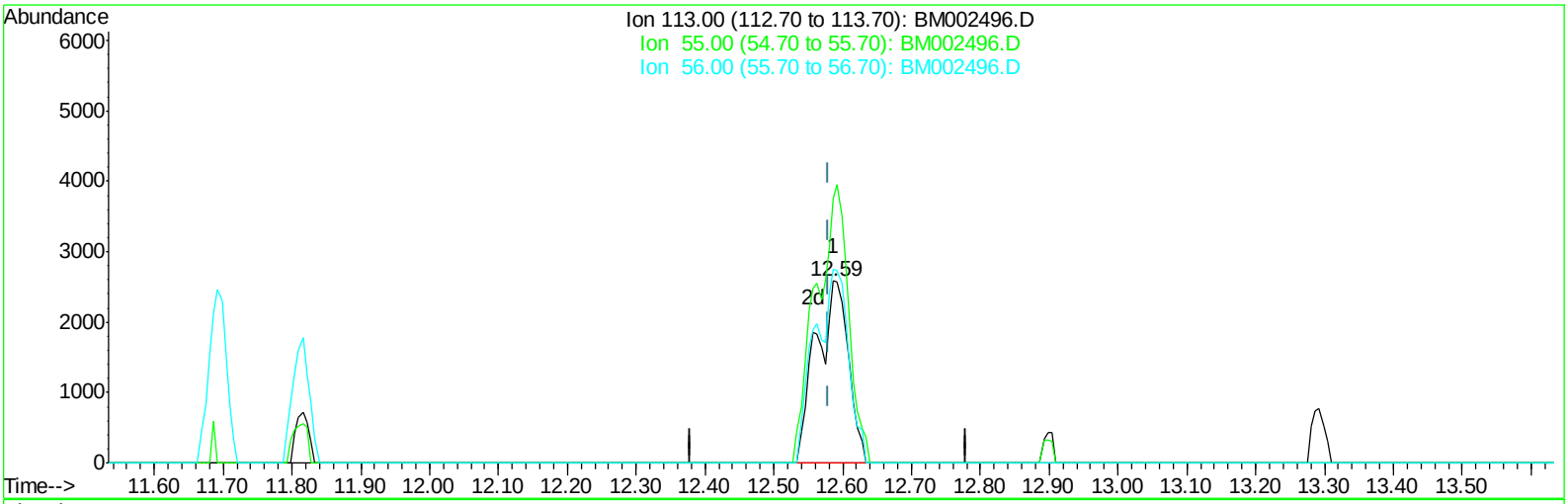
Quantitation Report (Qedit)

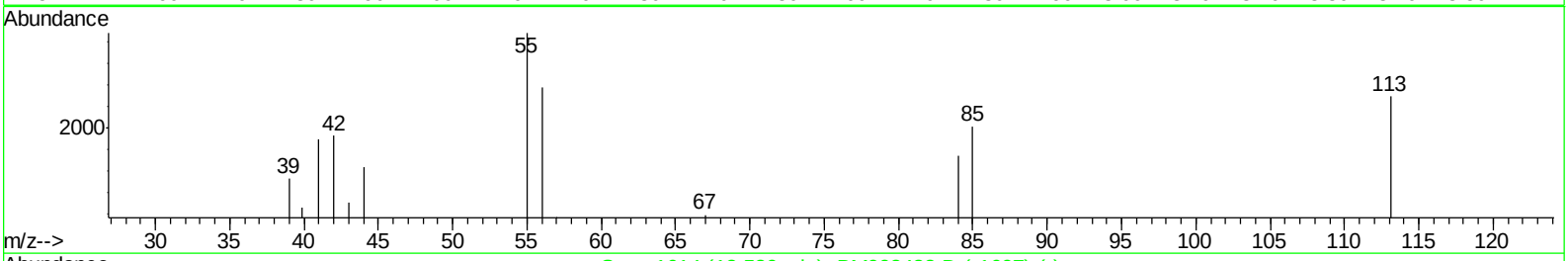
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002496.D
Acq On : 19 Aug 2015 18:14
Operator : UM/IZ
Sample : MDL-05-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

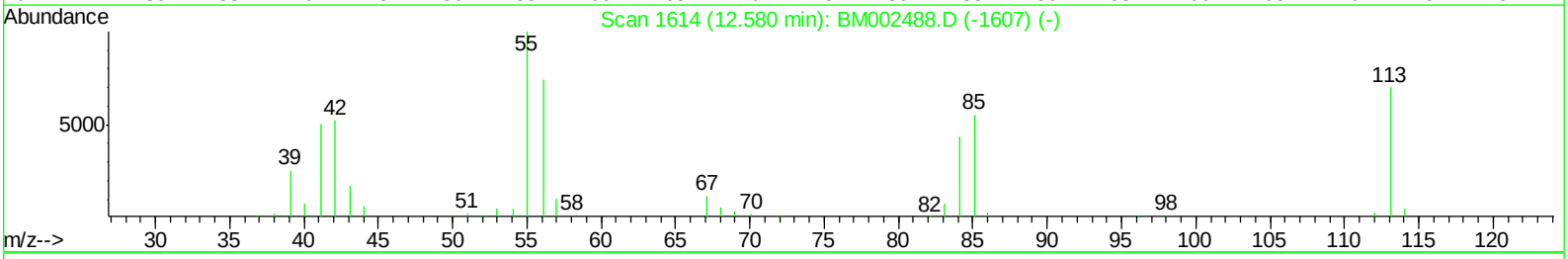
Quant Time: Aug 20 02:33:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:07 PM







TIC: BM002496.D

(32) Caprolactam

12.586min (+0.006) 3.00ng/ul m

response 8399

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	145.67#
56.00	139.20	106.27#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002496.D
Acq On : 19 Aug 2015 18:14
Operator : UM/IZ
Sample : MDL-05-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-05-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:07 PM

Quant Time: Aug 20 03:33:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	97965	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	484817	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	277770	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	610241	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	660523	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	684675	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	12144	5.73	ng/uL	0.00
5) Phenol-d5	7.93	99	273991	30.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	156668	29.94	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	247215	33.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	251351	33.11	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	132152	36.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	143111	44.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.30	165	235927	33.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.82	131	378747	40.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	813226	35.56	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1008229	35.04	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	151652	36.75	ng/ul	0.00
58) Fluorene-d10	16.39	176	681774	34.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.50	200	112754	47.02	ng/ul	0.00
71) Anthracene-d10	18.22	188	1058075	35.73	ng/ul	0.00
79) Pyrene-d10	20.44	212	1118902	34.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	1322036	36.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1279	0.54	ng/uL#	69
4) Benzaldehyde	7.93	77	15828	3.03	ng/ul	93
6) Phenol	7.96	94	24620	2.71	ng/ul	94
8) Bis(2-Chloroethyl)ether	8.21	93	20743	2.97	ng/ul	91
10) 2-Chlorophenol	8.37	128	21489	2.88	ng/ul	91
11) 2-Methylphenol	9.26	108	19902	2.77	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	9.35	45	28327	2.27	ng/ul#	92
14) Acetophenone	9.66	105	35304	3.12	ng/ul#	93
15) N-Nitroso-di-n-propylamine	9.63	70	16958	2.79	ng/ul#	91
16) 4-Methylphenol	9.59	108	22354	2.84	ng/ul	100
17) Hexachloroethane	9.94	117	7614	2.58	ng/ul	98
20) Nitrobenzene	10.06	77	23578	2.80	ng/ul	94
21) Isophorone	10.58	82	48480	2.88	ng/ul	96
23) 2-Nitrophenol	10.79	139	13632	3.73	ng/ul	89
24) 2,4-Dimethylphenol	10.82	107	24516	2.73	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.05	93	29610	2.84	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	21165	3.12	ng/ul#	85
28) Naphthalene	11.75	128	76075	2.98	ng/ul	98
30) 4-Chloroaniline	11.83	127	34259	3.69	ng/ul	99
31) Hexachlorobutadiene	11.99	225	11223	2.86	ng/ul	97
32) Caprolactam	12.59	113	8399m	3.00	ng/ul	
33) 4-Chloro-3-methylphenol	12.90	107	24230	2.85	ng/ul	91
34) 2-Methylnaphthalene	13.29	142	55924	3.07	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002496.D
Acq On : 19 Aug 2015 18:14
Operator : UM/IZ
Sample : MDL-05-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:07 PM

Quant Time: Aug 20 03:33:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	24975	3.13	ng/ul	95
38) Hexachlorocyclopentadiene	13.61	237	4744	1.01	ng/ul	94
39) 2,4,6-Trichlorophenol	13.87	196	15678	3.16	ng/ul	96
40) 2,4,5-Trichlorophenol	13.95	196	16771	3.01	ng/ul	97
41) 1,1'-Biphenyl	14.26	154	72080	3.07	ng/ul	98
42) 2-Chloronaphthalene	14.32	162	54311	3.04	ng/ul	99
43) 2-Nitroaniline	14.50	65	14157	2.61	ng/ul#	71
45) Dimethylphthalate	14.83	163	73175	3.14	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	14022	3.21	ng/ul	90
48) Acenaphthylene	15.15	152	93057	3.12	ng/ul	98
49) 3-Nitroaniline	15.30	138	17014	3.60	ng/ul#	89
50) Acenaphthene	15.47	153	61265	3.05	ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	2810	1.86	ng/ul#	1
53) 4-Nitrophenol	15.59	109	8456	2.79	ng/ul	94
54) Dibenzofuran	15.80	168	85327	3.18	ng/ul	98
55) 2,4-Dinitrotoluene	15.75	165	21020	3.39	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.02	232	12067	2.85	ng/ul#	93
57) Diethylphthalate	16.16	149	75223	3.02	ng/ul	99
59) Fluorene	16.44	166	71671	3.17	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.41	204	32477	3.13	ng/ul	97
61) 4-Nitroaniline	16.44	138	17966	3.29	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	16.51	198	10225	3.80	ng/ul#	88
65) N-Nitrosodiphenylamine	16.62	169	61464	3.07	ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	19062	2.99	ng/ul	97
67) Hexachlorobenzene	17.43	284	22739	3.13	ng/ul	95
68) Atrazine	17.53	200	21809	3.13	ng/ul	98
69) Pentachlorophenol	17.77	266	4346	1.22	ng/ul	96
70) Phenanthrene	18.16	178	115098	3.28	ng/ul	99
72) Anthracene	18.25	178	116280	3.21	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	23354	2.81	ng/uL	97
74) Pentachlorobenzene	15.72	250	23938	2.98	ng/uL	98
75) Carbazole	18.51	167	107316	3.27	ng/ul	98
76) Di-n-butylphthalate	18.99	149	133254	3.03	ng/ul	99
77) Fluoranthene	20.11	202	128664	3.46	ng/ul	100
80) Pyrene	20.47	202	136780	3.20	ng/ul	96
81) Butylbenzylphthalate	21.27	149	63378	3.01	ng/ul	89
82) 3,3'-Dichlorobenzidine	22.09	252	50050	3.95	ng/ul	98
83) Benzo(a)anthracene	22.19	228	131303	3.26	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	22.02	149	92582	3.03	ng/ul	99
85) Chrysene	22.24	228	123703	3.24	ng/ul	100
87) Di-n-octyl phthalate	23.02	149	164667	3.15	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	135999	3.20	ng/ul	98
89) Benzo(k)fluoranthene	24.09	252	129926	3.18	ng/ul	99
91) Benzo(a)pyrene	24.74	252	132053	3.24	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.66	276	155724	3.34	ng/ul	98
93) Dibenzo(a,h)anthracene	27.66	278	131578	3.33	ng/ul	99
94) Benzo(g,h,i)perylene	28.53	276	130452	3.31	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002496.D
Acq On : 19 Aug 2015 18:14
Operator : UM/IZ
Sample : MDL-05-W
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 20 03:33:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 02:27:18 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:07 PM