Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002507.D
Acq On : 20 Aug 2015 00:57
Operator : UM/IZ
Sample : MDL-07-S
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 20 03:52:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
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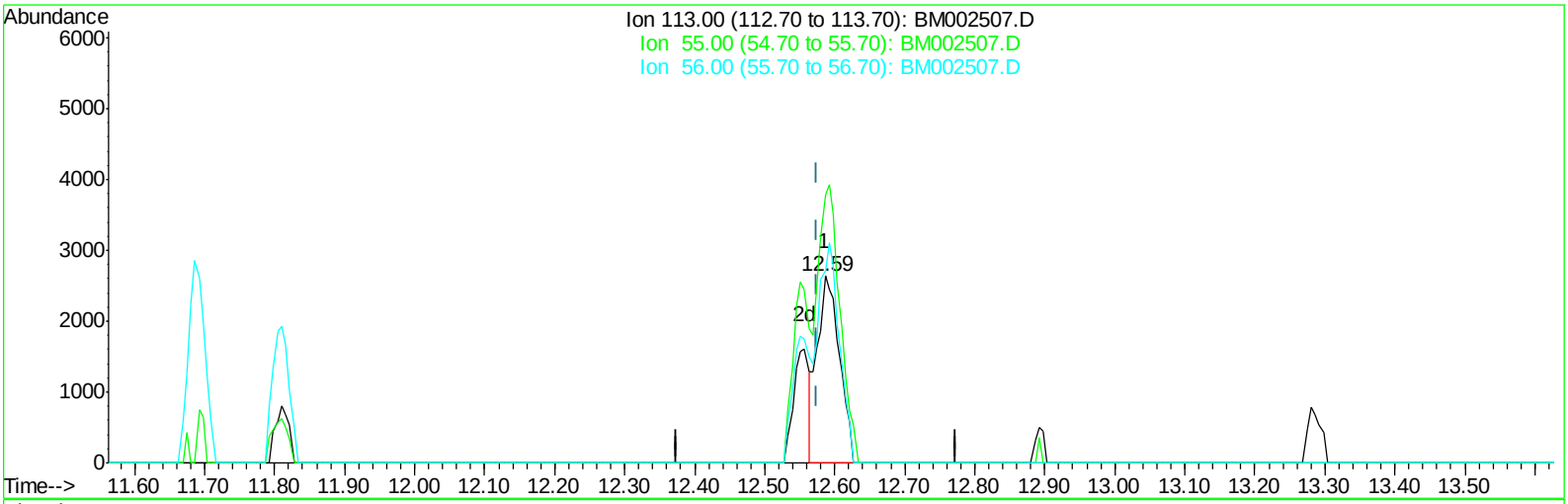

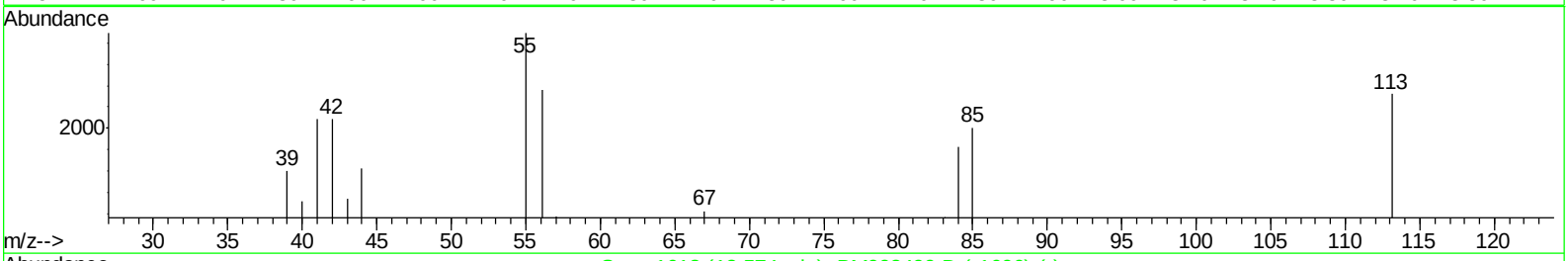

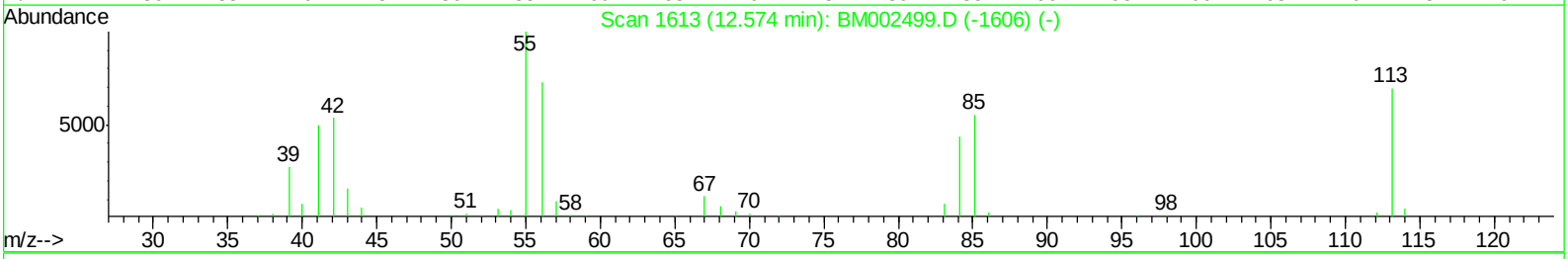

TIC: BM002507.D

(32) Caprolactam

12.586min (+0.012) 1.90ng/ul

response 5859

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	143.31#
56.00	139.20	102.92#
0.00	0.00	0.00

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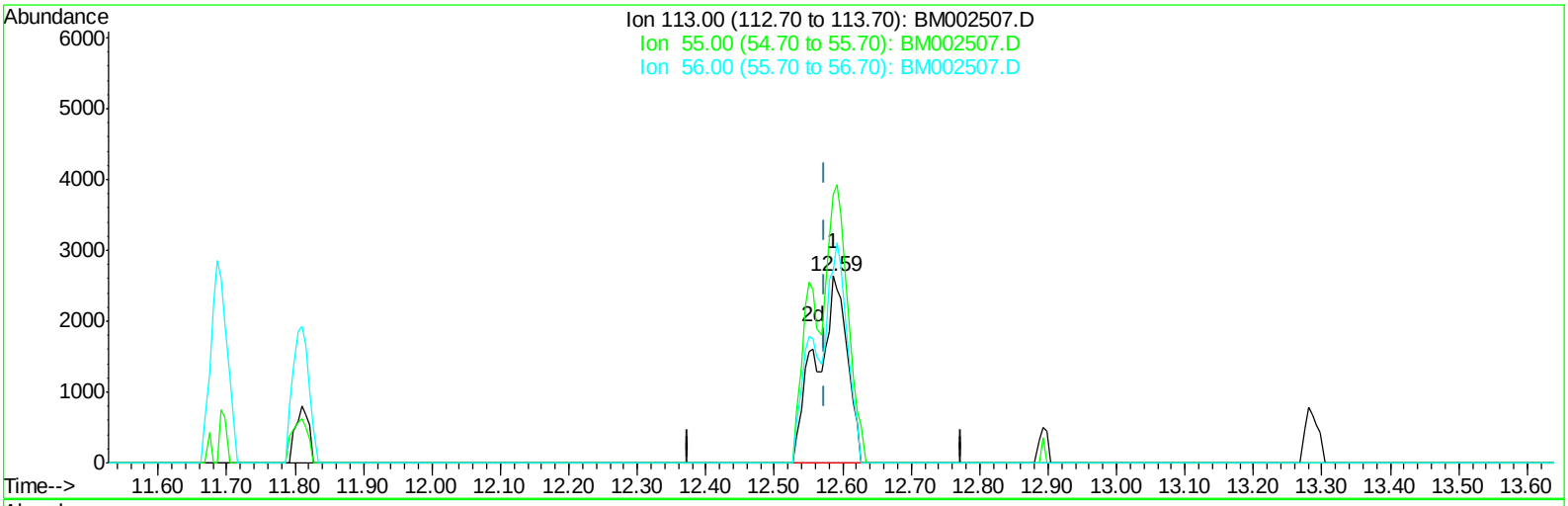

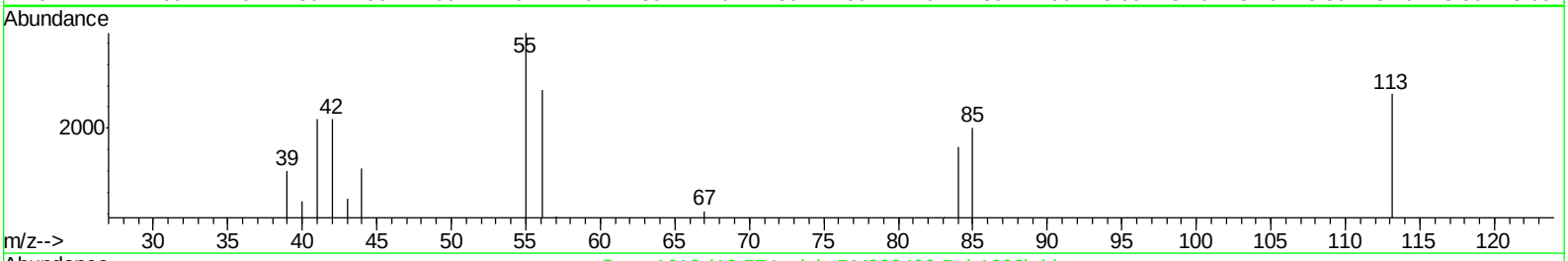

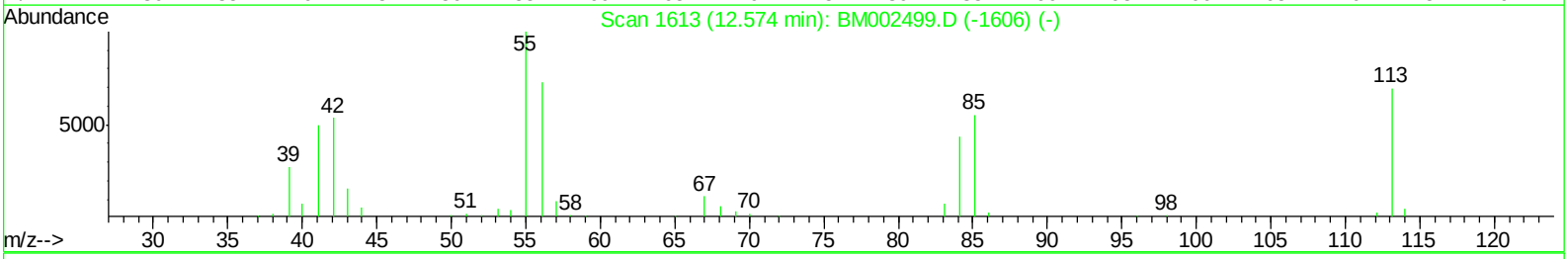

TIC: BM002507.D

(32) Caprolactam

12.586min (+0.012) 2.69ng/ul m

response 8306

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	143.31#
56.00	139.20	102.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Aug 20 04:22:03 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	109620	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	535327	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	308440	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	678473	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	741166	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	761204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14457	6.09	ng/uL	0.00
5) Phenol-d5	7.93	99	315816	31.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	179853	30.72	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	281527	34.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	282838	33.30	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	150269	37.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	163534	46.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	268553	34.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	422535	40.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	903153	35.57	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1130178	35.37	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	171139	37.34	ng/ul	0.00
58) Fluorene-d10	16.38	176	761703	34.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	128061	48.03	ng/ul	0.00
71) Anthracene-d10	18.22	188	1181504	35.89	ng/ul	0.00
79) Pyrene-d10	20.44	212	1248389	34.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1465693	36.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1311	0.49	ng/uL#	56
4) Benzaldehyde	7.93	77	17239	2.95	ng/ul	92
6) Phenol	7.96	94	26030	2.56	ng/ul	98
8) Bis(2-Chloroethyl)ether	8.20	93	22360	2.86	ng/ul	96
10) 2-Chlorophenol	8.37	128	23166	2.77	ng/ul	93
11) 2-Methylphenol	9.25	108	21068	2.62	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	30433	2.18	ng/ul	96
14) Acetophenone	9.66	105	36132	2.86	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.63	70	17701	2.61	ng/ul#	92
16) 4-Methylphenol	9.58	108	23481	2.67	ng/ul	99
17) Hexachloroethane	9.93	117	8370	2.54	ng/ul	87
20) Nitrobenzene	10.06	77	24382	2.62	ng/ul	89
21) Isophorone	10.57	82	50289	2.71	ng/ul	100
23) 2-Nitrophenol	10.78	139	14195	3.51	ng/ul	92
24) 2,4-Dimethylphenol	10.81	107	25581	2.58	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.05	93	30636	2.66	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	22230	2.97	ng/ul#	84
28) Naphthalene	11.74	128	81291	2.88	ng/ul	99
30) 4-Chloroaniline	11.83	127	36039	3.51	ng/ul	99
31) Hexachlorobutadiene	11.99	225	12182	2.82	ng/ul	97
32) Caprolactam	12.59	113	8306m	2.69	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	25390	2.71	ng/ul	97
34) 2-Methylnaphthalene	13.29	142	59486	2.95	ng/ul	99

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	26002	2.94	ng/ul	98
38) Hexachlorocyclopentadiene	13.60	237	5500	1.05	ng/ul	97
39) 2,4,6-Trichlorophenol	13.86	196	16209	2.94	ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	18218	2.94	ng/ul	97
41) 1,1'-Biphenyl	14.25	154	76781	2.94	ng/ul	98
42) 2-Chloronaphthalene	14.31	162	56995	2.88	ng/ul	97
43) 2-Nitroaniline	14.50	65	14797	2.46	ng/ul#	84
45) Dimethylphthalate	14.83	163	76899	2.97	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	14426	2.97	ng/ul	89
48) Acenaphthylene	15.14	152	99339	2.99	ng/ul	99
49) 3-Nitroaniline	15.30	138	18095	3.45	ng/ul#	91
50) Acenaphthene	15.47	153	64512	2.89	ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	3008	1.80	ng/ul#	1
53) 4-Nitrophenol	15.58	109	8807	2.62	ng/ul	89
54) Dibenzofuran	15.80	168	90138	3.03	ng/ul	95
55) 2,4-Dinitrotoluene	15.74	165	22285	3.24	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.01	232	12644	2.68	ng/ul#	95
57) Diethylphthalate	16.16	149	79119	2.86	ng/ul	99
59) Fluorene	16.43	166	75293	3.00	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	34398	2.99	ng/ul	95
61) 4-Nitroaniline	16.44	138	19421	3.20	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	16.50	198	10738	3.59	ng/ul#	80
65) N-Nitrosodiphenylamine	16.62	169	65092	2.93	ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	19755	2.79	ng/ul	98
67) Hexachlorobenzene	17.42	284	23126	2.86	ng/ul	98
68) Atrazine	17.52	200	22760	2.94	ng/ul	98
69) Pentachlorophenol	17.76	266	4947	1.25	ng/ul	99
70) Phenanthrene	18.16	178	121073	3.10	ng/ul	100
72) Anthracene	18.25	178	122032	3.03	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	24606	2.67	ng/uL	98
74) Pentachlorobenzene	15.72	250	25359	2.84	ng/uL	97
75) Carbazole	18.50	167	111571	3.06	ng/ul	100
76) Di-n-butylphthalate	18.99	149	138028	2.82	ng/ul	99
77) Fluoranthene	20.11	202	135436	3.28	ng/ul	97
80) Pyrene	20.46	202	144999	3.03	ng/ul	99
81) Butylbenzylphthalate	21.27	149	66233	2.80	ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	52269	3.67	ng/ul	97
83) Benzo(a)anthracene	22.18	228	139735	3.09	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	98932	2.89	ng/ul	100
85) Chrysene	22.24	228	130229	3.04	ng/ul	99
87) Di-n-octyl phthalate	23.01	149	169116	2.91	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	143405	3.03	ng/ul	98
89) Benzo(k)fluoranthene	24.08	252	135642	2.99	ng/ul	98
91) Benzo(a)pyrene	24.74	252	142109	3.14	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.64	276	159541	3.07	ng/ul	98
93) Dibenzo(a,h)anthracene	27.64	278	135473	3.08	ng/ul	98
94) Benzo(g,h,i)perylene	28.51	276	132883	3.04	ng/ul	99

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

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