Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002502.D
Acq On : 19 Aug 2015 21:54
Operator : UM/IZ
Sample : MDL-02-S
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 20 03:48:35 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-02-S

Manual Integrations APPROVED
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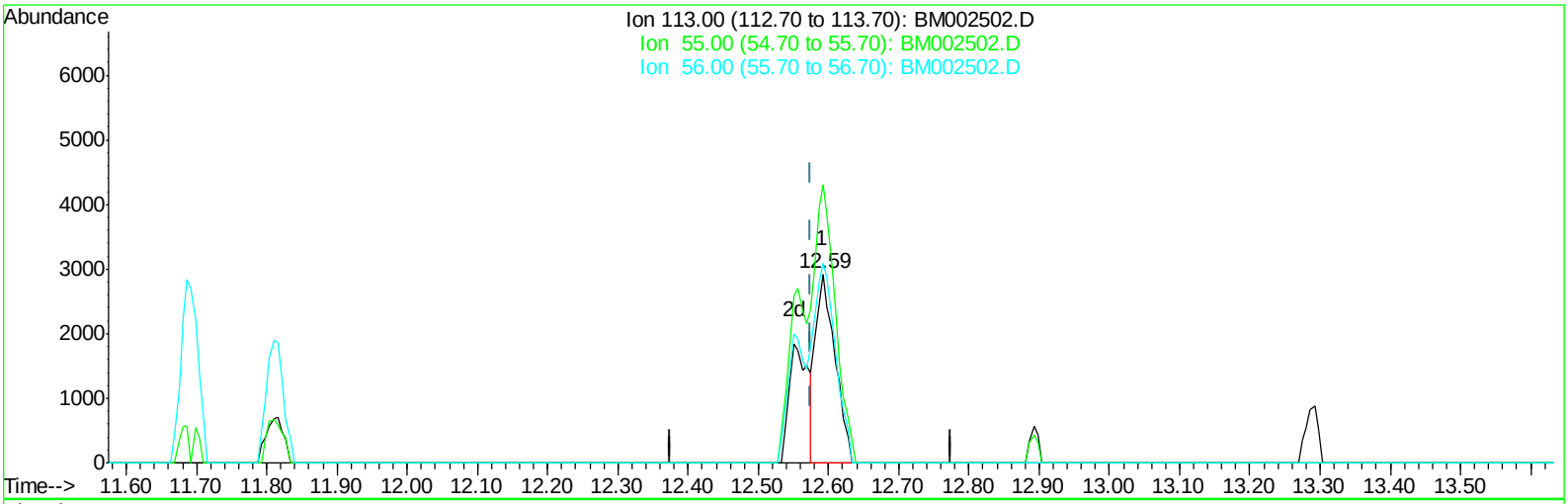

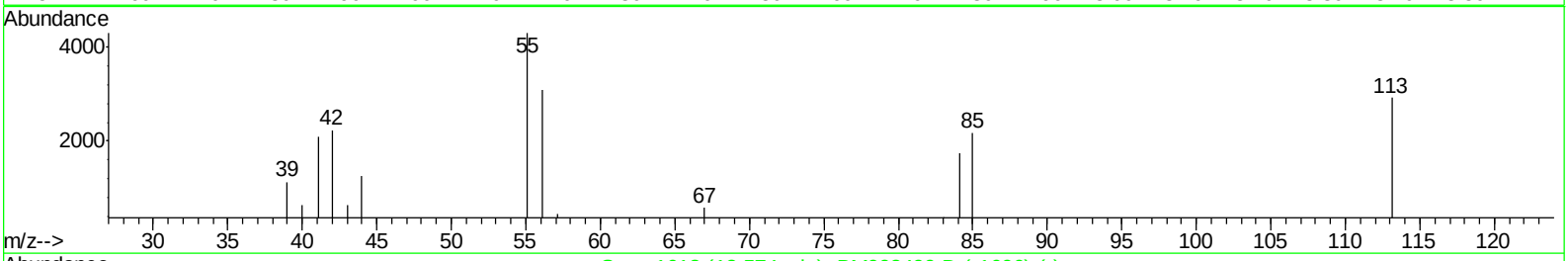

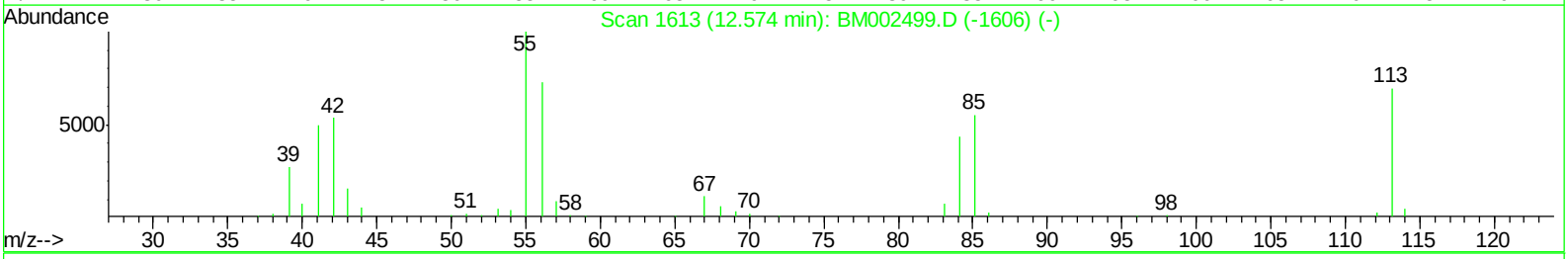

TIC: BM002502.D

(32) Caprolactam

12.592min (+0.018) 1.74ng/ul

response 5494

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	147.28#
56.00	139.20	105.68#
0.00	0.00	0.00

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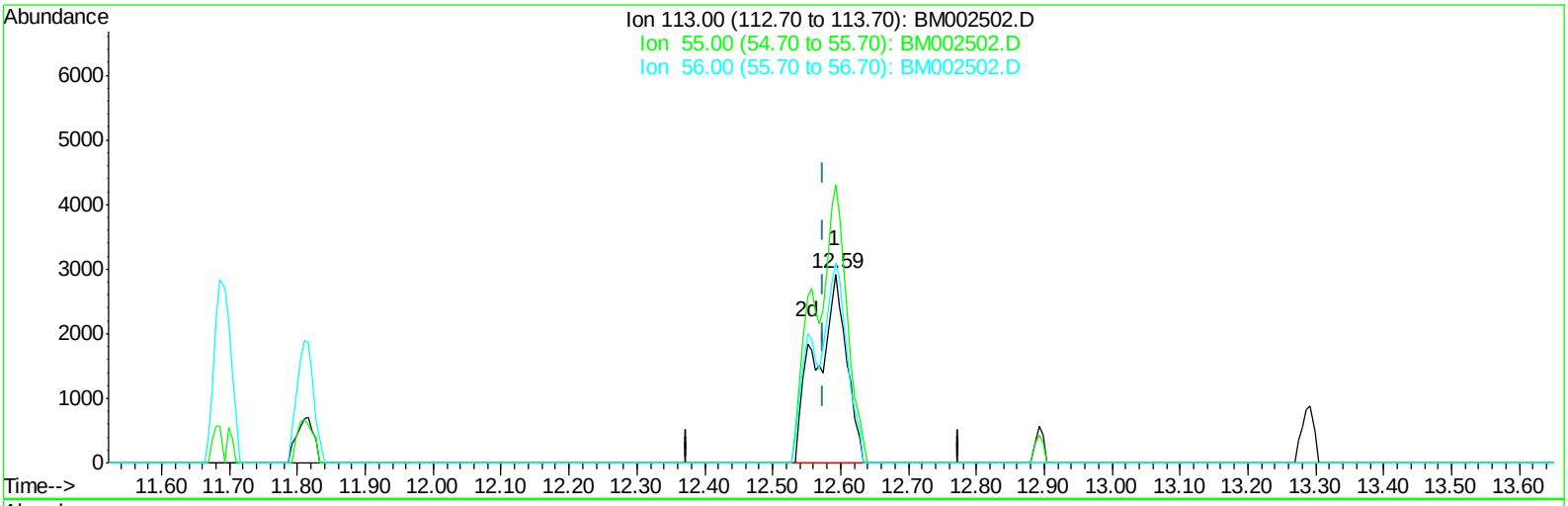

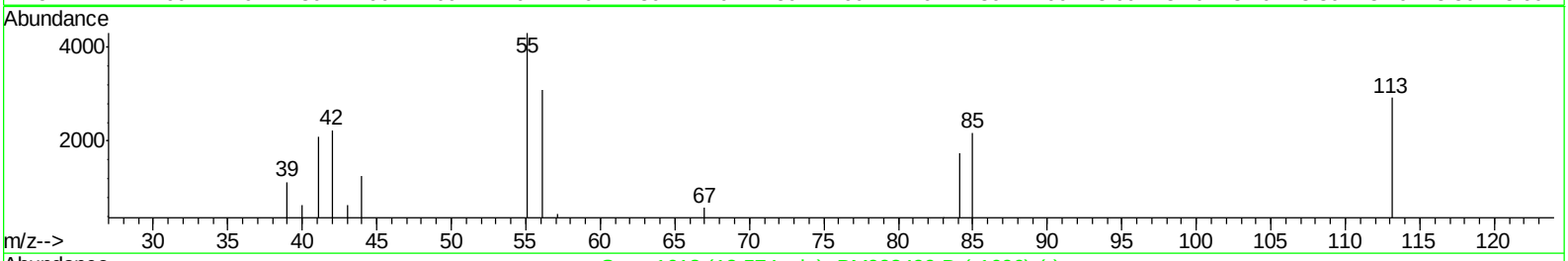

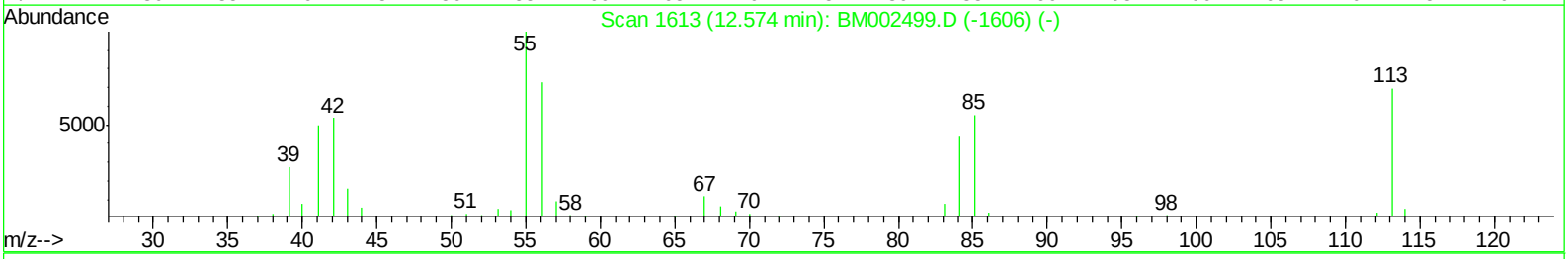

TIC: BM002502.D

(32) Caprolactam

12.592min (+0.018) 2.86ng/ul m

response 8997

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	147.28#
56.00	139.20	105.68#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Instrument : BNA_M
ClientSampleId : MDL-02-S

Manual Integrations APPROVED
MMDadoda
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Quant Time: Aug 20 04:11:00 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	110736	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	545818	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	313375	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	692420	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	755163	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	776254	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14038	5.86	ng/uL	0.00
5) Phenol-d5	7.93	99	315840	31.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	179726	30.39	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	281249	33.98	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	287887	33.55	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	151582	37.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	165078	45.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	269632	33.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	430071	40.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	923822	35.81	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1141115	35.15	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	175784	37.75	ng/ul	0.00
58) Fluorene-d10	16.38	176	776423	34.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	132679	48.76	ng/ul	0.00
71) Anthracene-d10	18.22	188	1211567	36.06	ng/ul	0.00
79) Pyrene-d10	20.44	212	1283811	35.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1519637	36.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1307	0.48	ng/uL#	33
4) Benzaldehyde	7.93	77	17992	3.04	ng/ul	97
6) Phenol	7.96	94	27116	2.64	ng/ul	91
8) Bis(2-Chloroethyl)ether	8.20	93	23129	2.93	ng/ul	91
10) 2-Chlorophenol	8.37	128	23286	2.76	ng/ul	96
11) 2-Methylphenol	9.25	108	21916	2.70	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	31326	2.22	ng/ul	95
14) Acetophenone	9.66	105	37910	2.97	ng/ul#	96
15) N-Nitroso-di-n-propylamine	9.63	70	18484	2.69	ng/ul	92
16) 4-Methylphenol	9.59	108	24737	2.78	ng/ul	100
17) Hexachloroethane	9.94	117	8514	2.55	ng/ul	90
20) Nitrobenzene	10.06	77	25638	2.70	ng/ul	89
21) Isophorone	10.58	82	52967	2.80	ng/ul	97
23) 2-Nitrophenol	10.79	139	14569	3.54	ng/ul#	82
24) 2,4-Dimethylphenol	10.81	107	26252	2.60	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.05	93	31781	2.71	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	23062	3.02	ng/ul#	87
28) Naphthalene	11.75	128	83872	2.92	ng/ul	99
30) 4-Chloroaniline	11.83	127	37717	3.61	ng/ul	98
31) Hexachlorobutadiene	11.99	225	12697	2.88	ng/ul	97
32) Caprolactam	12.59	113	8997m	2.86	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	26403	2.76	ng/ul	95
34) 2-Methylnaphthalene	13.29	142	60818	2.96	ng/ul	96

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Quant Time: Aug 20 04:11:00 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)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	27204	3.02 ng/ul	97
38) Hexachlorocyclopentadiene	13.60	237	5754	1.08 ng/ul	95
39) 2,4,6-Trichlorophenol	13.86	196	17063	3.04 ng/ul	99
40) 2,4,5-Trichlorophenol	13.94	196	18816	2.99 ng/ul	94
41) 1,1'-Biphenyl	14.25	154	79137	2.99 ng/ul	99
42) 2-Chloronaphthalene	14.31	162	59266	2.94 ng/ul	99
43) 2-Nitroaniline	14.50	65	16325	2.67 ng/ul#	78
45) Dimethylphthalate	14.83	163	80950	3.08 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	15185	3.08 ng/ul	96
48) Acenaphthylene	15.14	152	103128	3.06 ng/ul	99
49) 3-Nitroaniline	15.30	138	18754	3.52 ng/ul#	91
50) Acenaphthene	15.47	153	67484	2.98 ng/ul	98
51) 2,4-Dinitrophenol	15.52	184	3219	1.89 ng/ul#	1
53) 4-Nitrophenol	15.59	109	9102	2.66 ng/ul	92
54) Dibenzofuran	15.80	168	92875	3.07 ng/ul	98
55) 2,4-Dinitrotoluene	15.75	165	22769	3.26 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	16.01	232	13439	2.81 ng/ul#	96
57) Diethylphthalate	16.16	149	82233	2.92 ng/ul	99
59) Fluorene	16.44	166	79832	3.13 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	35582	3.04 ng/ul	98
61) 4-Nitroaniline	16.44	138	20082	3.26 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	11554	3.78 ng/ul#	64
65) N-Nitrosodiphenylamine	16.62	169	68187	3.00 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	21256	2.94 ng/ul	96
67) Hexachlorobenzene	17.43	284	25067	3.04 ng/ul	99
68) Atrazine	17.53	200	24152	3.06 ng/ul	99
69) Pentachlorophenol	17.76	266	5013	1.24 ng/ul	93
70) Phenanthrene	18.16	178	125267	3.14 ng/ul	99
72) Anthracene	18.25	178	128588	3.12 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	25175	2.67 ng/uL	98
74) Pentachlorobenzene	15.72	250	26367	2.89 ng/uL	97
75) Carbazole	18.50	167	118109	3.17 ng/ul	99
76) Di-n-butylphthalate	18.99	149	148998	2.98 ng/ul	99
77) Fluoranthene	20.11	202	144022	3.42 ng/ul	98
80) Pyrene	20.47	202	151875	3.11 ng/ul	96
81) Butylbenzylphthalate	21.27	149	69358	2.88 ng/ul	88
82) 3,3'-Dichlorobenzidine	22.09	252	56279	3.88 ng/ul	97
83) Benzo(a)anthracene	22.18	228	147303	3.20 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	105297	3.02 ng/ul	99
85) Chrysene	22.24	228	138773	3.18 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	179934	3.04 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	151263	3.14 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	145465	3.14 ng/ul	99
91) Benzo(a)pyrene	24.74	252	150088	3.25 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.65	276	173125	3.27 ng/ul	98
93) Dibenzo(a,h)anthracene	27.66	278	144223	3.22 ng/ul	99
94) Benzo(g,h,i)perylene	28.52	276	143017	3.20 ng/ul	99

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

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