Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017908.D
Acq On : 16 Jul 2015 6:35
Operator : TP/UM
Sample : MDL-06-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Jul 16 07:32:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
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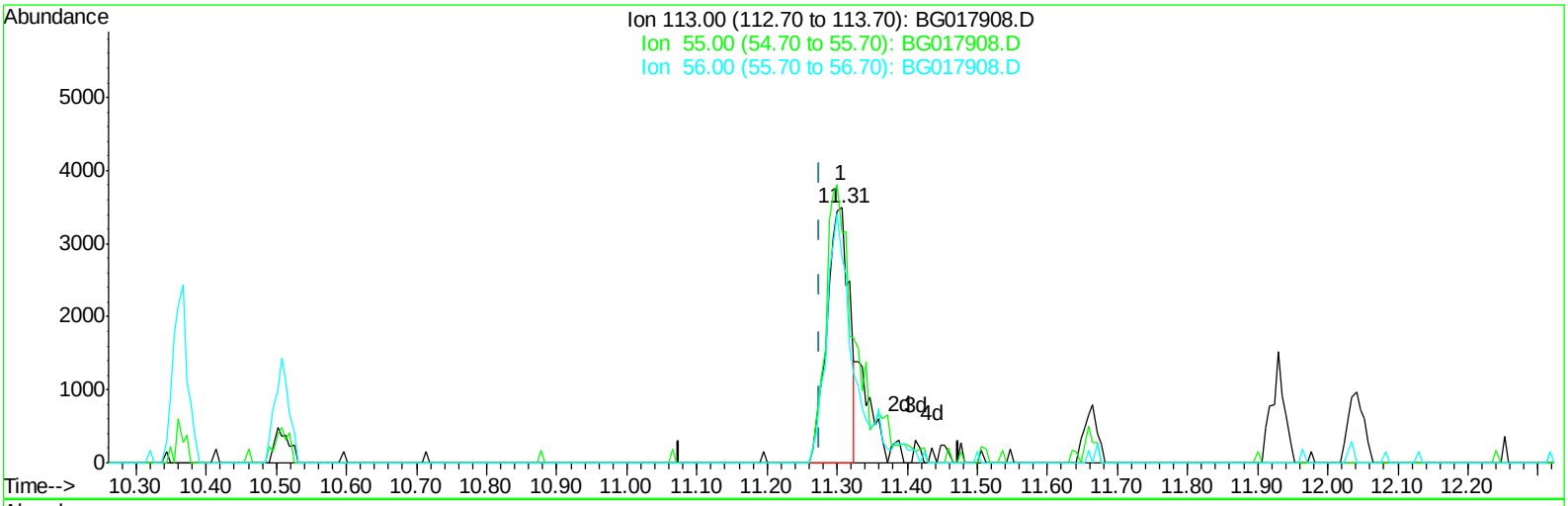

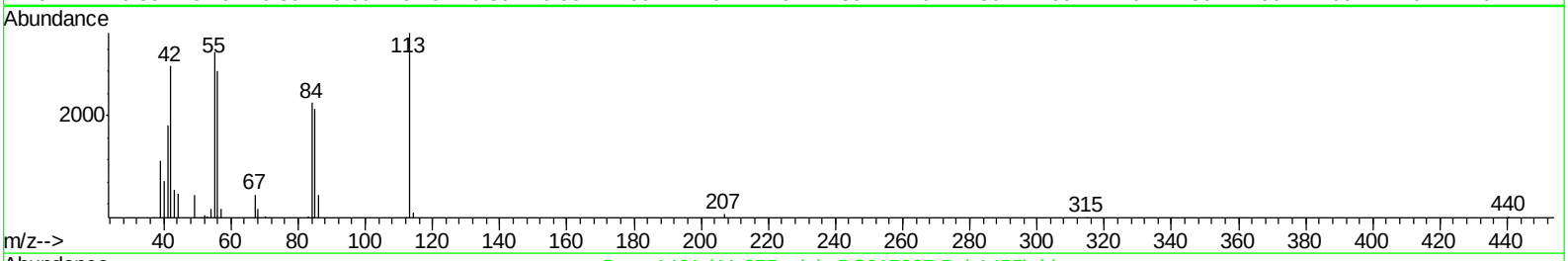

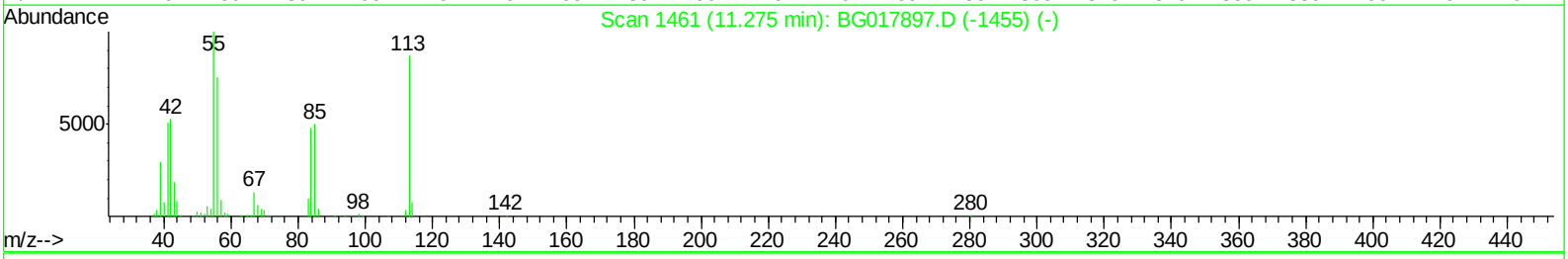

TIC: BG017908.D

(32) Caprolactam

11.306min (+0.032) 2.16ng/ul

response 7802

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	89.93#
56.00	112.20	80.29#
0.00	0.00	0.00

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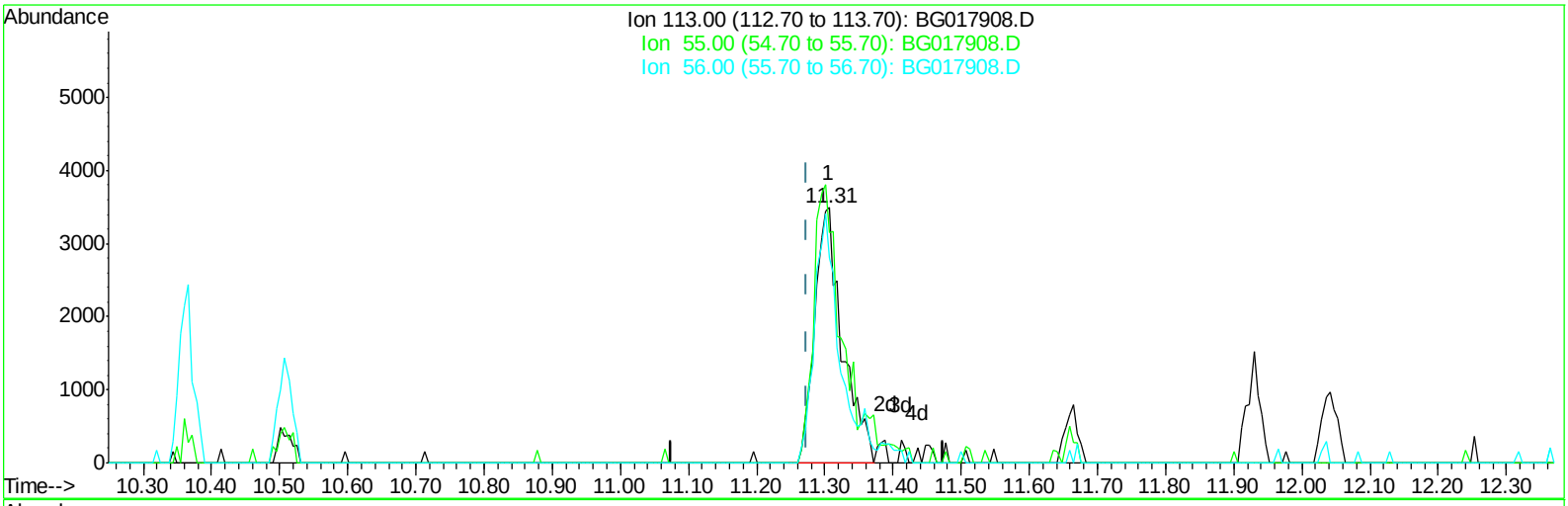

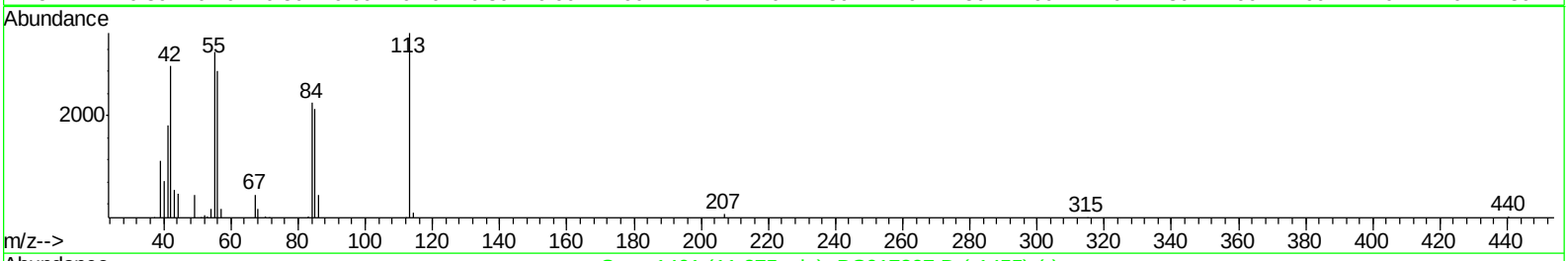

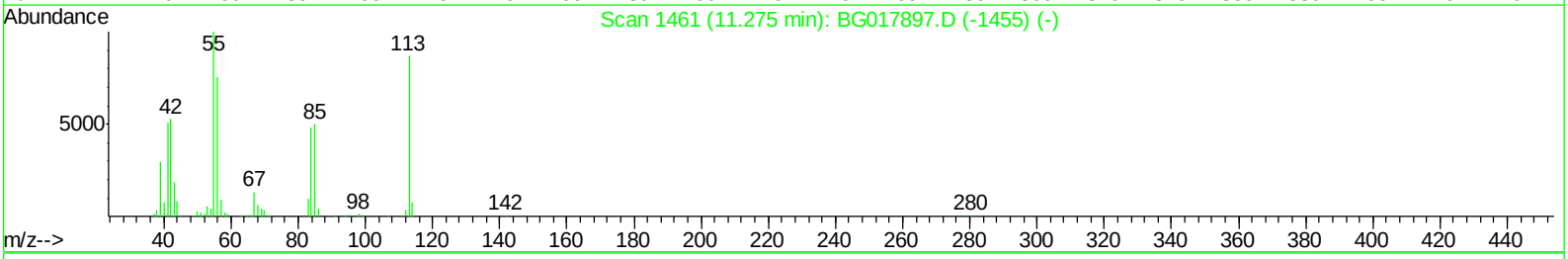

TIC: BG017908.D

(32) Caprolactam

11.306min (+0.032) 2.73ng/ul m

response 9858

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	89.93#
56.00	112.20	80.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-06-S-ML

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Quant Time: Jul 16 07:33:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	87550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	406405	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	246416	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	532957	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	551004	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	515400	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10665	4.36	ng/uL	0.00
5) Phenol-d5	6.76	99	182372	24.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	111631	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	157330	26.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	152001	26.26	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	79471	25.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	73951	31.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	139325	28.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	232130	33.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	491491	28.61	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	627435	28.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	83879	25.87	ng/ul	0.00
57) Fluorene-d10	15.24	176	456124	28.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	48391	19.41	ng/ul	0.00
70) Anthracene-d10	17.09	188	690170	28.58	ng/ul	0.00
78) Pyrene-d10	19.40	212	763698	29.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	678002	26.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2819	1.08	ng/uL#	94
4) Benzaldehyde	6.74	77	24306	5.50	ng/ul	88
6) Phenol	6.79	94	36007	4.35	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.02	93	29457	4.36	ng/ul	89
10) 2-Chlorophenol	7.15	128	29229	4.93	ng/ul#	83
11) 2-Methylphenol	8.03	108	25231	4.19	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.13	45	34812	3.55	ng/ul	98
14) Acetophenone	8.40	105	43534	4.52	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.39	70	22246	3.75	ng/ul#	87
16) 4-Methylphenol	8.35	108	29438	4.49	ng/ul	83
17) Hexachloroethane	8.65	117	12237	4.33	ng/ul	87
20) Nitrobenzene	8.78	77	31843	3.81	ng/ul#	83
21) Isophorone	9.30	82	64968	4.15	ng/ul	93
23) 2-Nitrophenol	9.49	139	14714	5.20	ng/ul#	79
24) 2,4-Dimethylphenol	9.55	107	31763	4.39	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	38266	4.35	ng/ul	95
27) 2,4-Dichlorophenol	10.01	162	26796	5.44	ng/ul#	92
28) Naphthalene	10.41	128	101317	4.82	ng/ul	98
30) 4-Chloroaniline	10.53	127	36050	4.94	ng/ul	98
31) Hexachlorobutadiene	10.70	225	15929	5.13	ng/ul	89
32) Caprolactam	11.31	113	9858m	2.73	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	26814	4.44	ng/ul#	91
34) 2-Methylnaphthalene	12.03	142	69128	4.85	ng/ul	99

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Quant Time: Jul 16 07:33:27 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	32035	4.94 ng/ul#	87
37) Hexachlorocyclopentadiene	12.40	237	12787	3.79 ng/ul	96
38) 2,4,6-Trichlorophenol	12.66	196	14830	4.22 ng/ul	90
39) 2,4,5-Trichlorophenol	12.73	196	16854	4.39 ng/ul	94
40) 1,1'-Biphenyl	13.07	154	92173	4.83 ng/ul#	95
41) 2-Chloronaphthalene	13.10	162	70515	4.82 ng/ul	95
42) 2-Nitroaniline	13.32	65	14987	3.49 ng/ul	93
44) Dimethylphthalate	13.70	163	96582	5.35 ng/ul	96
45) 2,6-Dinitrotoluene	13.83	165	14088	4.29 ng/ul	98
47) Acenaphthylene	13.96	152	121954	4.94 ng/ul	98
48) 3-Nitroaniline	14.15	138	16548	4.42 ng/ul	98
49) Acenaphthene	14.30	153	79793	4.81 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	1741	1.26 ng/ul#	77
52) 4-Nitrophenol	14.46	109	10940	3.98 ng/ul	85
53) Dibenzofuran	14.64	168	111652	5.10 ng/ul	92
54) 2,4-Dinitrotoluene	14.61	165	20311	4.31 ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	14.87	232	13314	4.50 ng/ul#	84
56) Diethylphthalate	15.08	149	95172	5.12 ng/ul	99
58) Fluorene	15.30	166	100074	5.27 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	45300	5.13 ng/ul	96
60) 4-Nitroaniline	15.32	138	18684	4.19 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.38	198	10333	3.72 ng/ul#	89
64) N-Nitrosodiphenylamine	15.51	169	79569	4.90 ng/ul	94
65) 4-Bromophenyl-phenylether	16.19	248	26994	5.28 ng/ul#	83
66) Hexachlorobenzene	16.30	284	29755	5.36 ng/ul	94
67) Atrazine	16.47	200	26606	4.78 ng/ul	90
68) Pentachlorophenol	16.65	266	8357	3.04 ng/ul	97
69) Phenanthrene	17.04	178	151093	5.13 ng/ul	97
71) Anthracene	17.13	178	152358	5.06 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	30069	4.43 ng/uL	96
73) Pentachlorobenzene	14.56	250	36230	5.57 ng/uL	97
74) Carbazole	17.40	167	135069	5.14 ng/ul	98
75) Di-n-butylphthalate	17.98	149	164434	4.99 ng/ul#	96
76) Fluoranthene	19.06	202	165355	5.53 ng/ul	95
79) Pyrene	19.43	202	185431	5.47 ng/ul	99
80) Butylbenzylphthalate	20.35	149	60238	4.39 ng/ul	91
81) 3,3'-Dichlorobenzidine	21.12	252	34784	4.21 ng/ul#	90
82) Benzo(a)anthracene	21.18	228	158593	5.21 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	79568	4.19 ng/ul	94
84) Chrysene	21.23	228	158327	5.42 ng/ul	98
86) Di-n-octyl phthalate	22.00	149	123004	4.07 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	147733	5.19 ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	138360	4.72 ng/ul#	94
90) Benzo(a)pyrene	23.32	252	151639	5.31 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.66	276	151204	4.95 ng/ul	95
92) Dibenzo(a,h)anthracene	25.67	278	124781	4.80 ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	127116	4.97 ng/ul	99

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

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