Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017901.D
Acq On : 16 Jul 2015 1:56
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 16 03:47:46 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-W

Manual Integrations APPROVED
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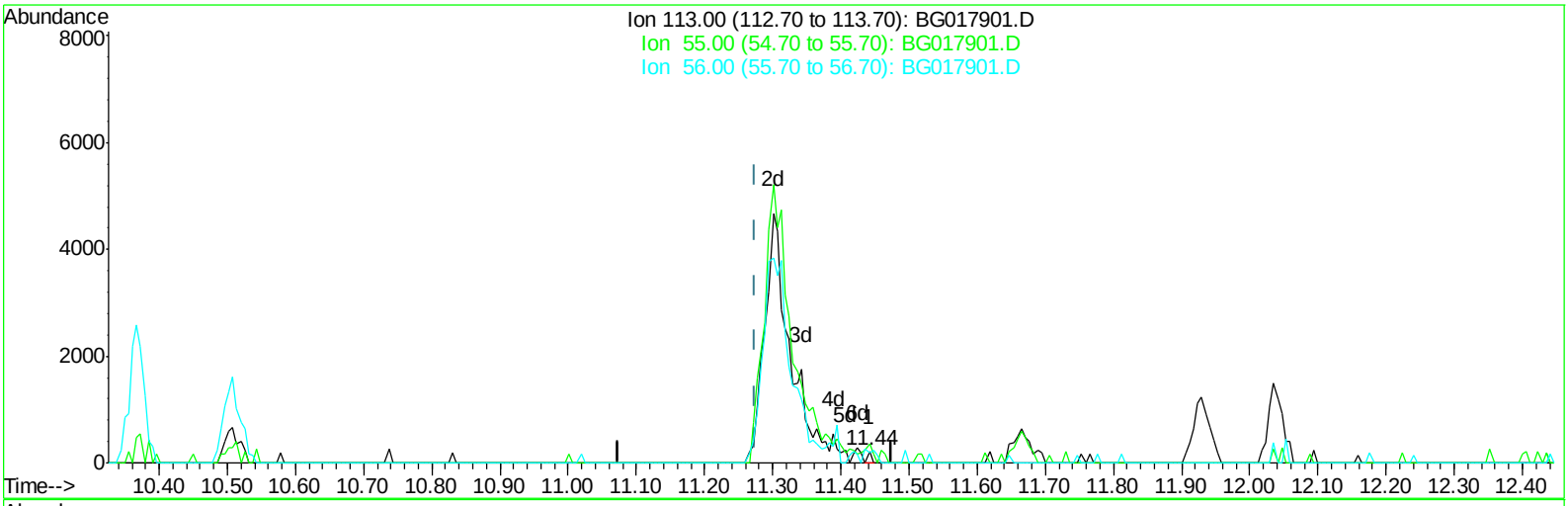

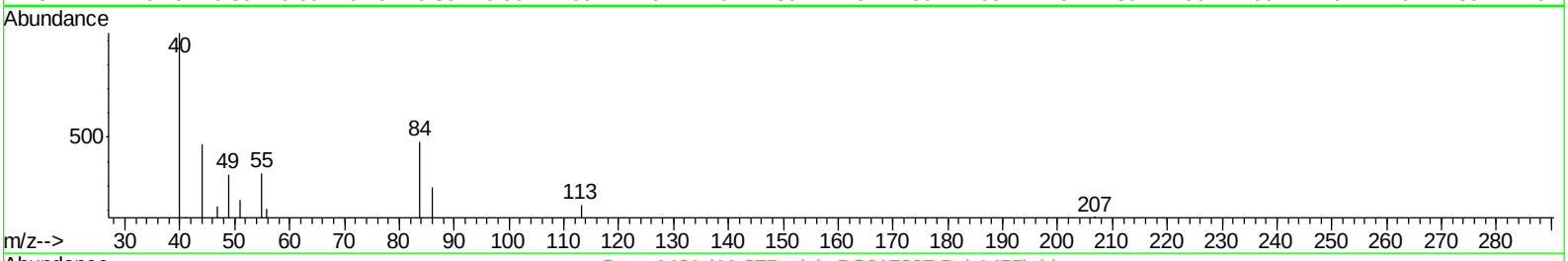

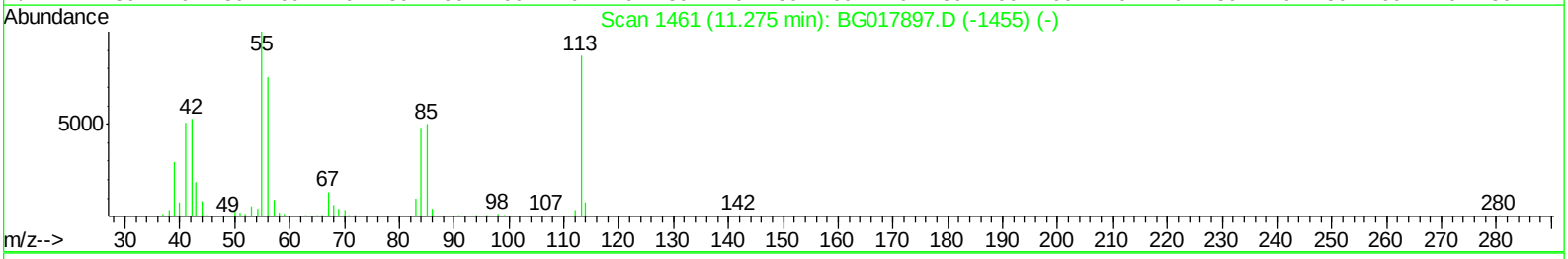

TIC: BG017901.D

(32) Caprolactam

11.442min (+0.167) 0.02ng/ul

response 78

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	158.56
56.00	112.20	90.99
0.00	0.00	0.00

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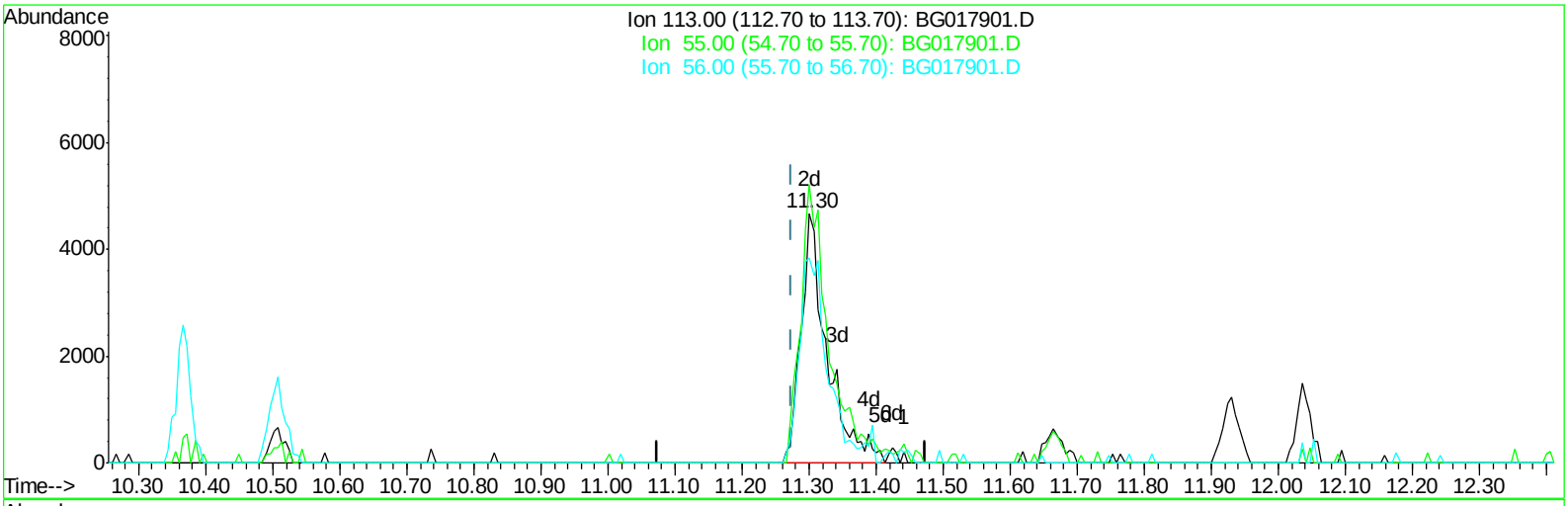

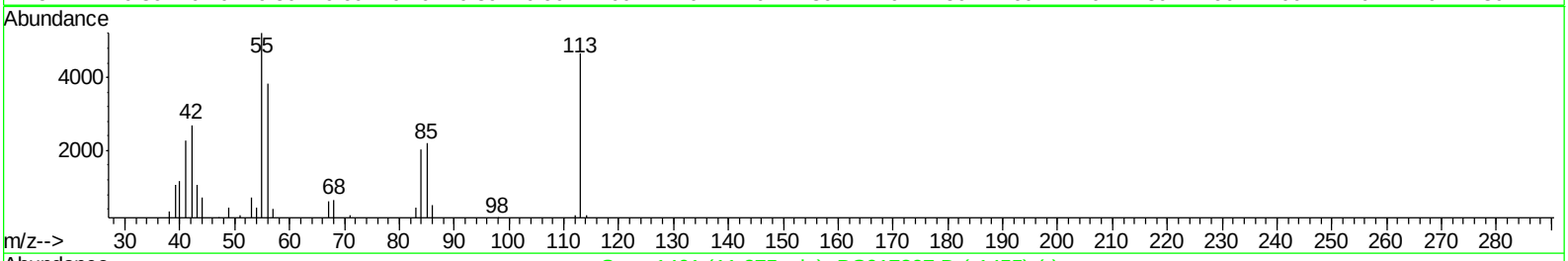

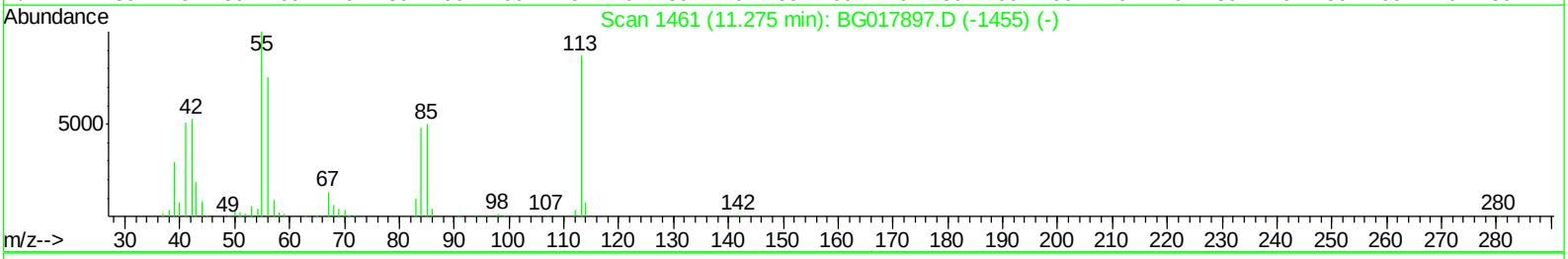

TIC: BG017901.D

(32) Caprolactam

11.301min (+0.026) 3.68ng/ul m

response 12552

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	111.60#
56.00	112.20	82.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-06-W

Manual Integrations APPROVED
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Quant Time: Jul 16 03:58:48 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	7.59	152	87382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	383538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	231100	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	467315	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	481679	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	452326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12939	5.30	ng/uL	0.00
5) Phenol-d5	6.76	99	223401	29.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	132953	25.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	192407	32.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	182655	31.62	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	93911	31.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	88202	39.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	165827	35.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	270368	40.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	558142	34.64	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	712384	34.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	92738	30.50	ng/ul	0.00
57) Fluorene-d10	15.24	176	519853	34.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	51754	23.67	ng/ul	0.00
70) Anthracene-d10	17.09	188	759093	35.84	ng/ul	0.00
78) Pyrene-d10	19.40	212	816229	35.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	746822	33.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	4380	1.68	ng/uL#	79
4) Benzaldehyde	6.74	77	31755	7.19	ng/ul	85
6) Phenol	6.79	94	49166	5.95	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.02	93	39920	5.92	ng/ul	94
10) 2-Chlorophenol	7.15	128	38249	6.47	ng/ul#	88
11) 2-Methylphenol	8.03	108	33430	5.57	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.13	45	45551	4.65	ng/ul	98
14) Acetophenone	8.40	105	55909	5.81	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	30203	5.10	ng/ul#	89
16) 4-Methylphenol	8.36	108	39208	5.99	ng/ul	99
17) Hexachloroethane	8.65	117	16023	5.68	ng/ul	94
20) Nitrobenzene	8.78	77	41956	5.31	ng/ul#	85
21) Isophorone	9.30	82	82066	5.56	ng/ul	95
23) 2-Nitrophenol	9.49	139	19186	7.19	ng/ul#	85
24) 2,4-Dimethylphenol	9.55	107	41202	6.04	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	47584	5.73	ng/ul	96
27) 2,4-Dichlorophenol	10.01	162	32400	6.97	ng/ul#	91
28) Naphthalene	10.41	128	130419	6.57	ng/ul	97
30) 4-Chloroaniline	10.53	127	48046	6.97	ng/ul	97
31) Hexachlorobutadiene	10.71	225	20599	7.03	ng/ul#	90
32) Caprolactam	11.30	113	12552m	3.68	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	33648	5.90	ng/ul#	76
34) 2-Methylnaphthalene	12.04	142	90259	6.71	ng/ul	96

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	38884	6.39 ng/ul#	96
37) Hexachlorocyclopentadiene	12.39	237	16363	5.18 ng/ul	93
38) 2,4,6-Trichlorophenol	12.66	196	20309	6.16 ng/ul	96
39) 2,4,5-Trichlorophenol	12.73	196	23865	6.63 ng/ul	94
40) 1,1'-Biphenyl	13.07	154	116553	6.52 ng/ul#	94
41) 2-Chloronaphthalene	13.10	162	88184	6.42 ng/ul	94
42) 2-Nitroaniline	13.32	65	18373	4.56 ng/ul	91
44) Dimethylphthalate	13.70	163	115031	6.80 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	19124	6.20 ng/ul#	84
47) Acenaphthylene	13.96	152	150654	6.51 ng/ul	98
48) 3-Nitroaniline	14.15	138	20116	5.72 ng/ul#	91
49) Acenaphthene	14.31	153	97629	6.27 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	3222	2.48 ng/ul#	76
52) 4-Nitrophenol	14.46	109	14396	5.58 ng/ul	83
53) Dibenzofuran	14.64	168	137485	6.70 ng/ul	91
54) 2,4-Dinitrotoluene	14.61	165	24978	5.65 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.87	232	16811	6.05 ng/ul#	87
56) Diethylphthalate	15.08	149	117427	6.74 ng/ul	99
58) Fluorene	15.30	166	114255	6.41 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	55770	6.74 ng/ul	95
60) 4-Nitroaniline	15.31	138	24943	5.96 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.38	198	11502	4.72 ng/ul#	89
64) N-Nitrosodiphenylamine	15.51	169	97442	6.85 ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	32379	7.22 ng/ul#	82
66) Hexachlorobenzene	16.30	284	36064	7.41 ng/ul	96
67) Atrazine	16.47	200	31206	6.39 ng/ul	88
68) Pentachlorophenol	16.65	266	10252	4.25 ng/ul	92
69) Phenanthrene	17.04	178	179720	6.97 ng/ul	98
71) Anthracene	17.13	178	186405	7.06 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	38497	6.47 ng/uL	96
73) Pentachlorobenzene	14.56	250	42971	7.53 ng/uL	94
74) Carbazole	17.41	167	161201	7.00 ng/ul	98
75) Di-n-butylphthalate	17.98	149	193307	6.69 ng/ul#	96
76) Fluoranthene	19.06	202	193156	7.37 ng/ul	95
79) Pyrene	19.43	202	214496	7.23 ng/ul	99
80) Butylbenzylphthalate	20.35	149	71007	5.92 ng/ul	86
81) 3,3'-Dichlorobenzidine	21.12	252	42375	5.87 ng/ul#	92
82) Benzo(a)anthracene	21.18	228	184574	6.94 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.13	149	102298	6.16 ng/ul	96
84) Chrysene	21.23	228	184395	7.22 ng/ul	98
86) Di-n-octyl phthalate	22.00	149	150930	5.70 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	173575	6.95 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	165617	6.44 ng/ul	94
90) Benzo(a)pyrene	23.32	252	172468	6.88 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	175267	6.53 ng/ul	95
92) Dibenzo(a,h)anthracene	25.67	278	149060	6.53 ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	146160	6.51 ng/ul	99

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

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